Supporting Information for:

Full-Scale *Ab Initio* Simulation of Magic-Angle-Spinning Dynamic Nuclear Polarization

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Theory

Spin Dynamics Simulations

In general, to calculate the evolution of a spin system as a function of time the density matrix $(\hat{\sigma})$ is propagated using the Liouville-von-Neumann equation, which is written as follows in its practical, Liouville space, form:

$$\hat{\sigma}(t) = \exp(-i\hat{\hat{L}}t)\hat{\sigma}(0) \tag{1}$$

where $\hat{\hat{L}}$ is the commutator of the Hamiltonian with the density matrix, and is known as the Liouvillian, and t corresponds to time. Most often, to calculate the evolution of $\hat{\sigma}$ as a function of time in cases where $\hat{\hat{L}}$ is time-dependent (such as MAS), equation 1 is repeated in small time steps.

In Liouville space, $\hat{\sigma}$ is a vector expressed using products of single-spin operators $(\hat{B}_r)$:

$$\hat{\sigma}(t) = \sum_{r=1}^{4^N} b_r(t)\hat{B}_r \tag{2}$$

$$\hat{B}_r = 2^{q_r-1}\prod_{i=1}^{N}\hat{I}_{i,r} \tag{3}$$

with b_r corresponding to a time-dependent coefficient and q_r corresponding to the spin-order of the basis vector (i.e. the number of spins involved in the product). The single-spin operators can take the form $\hat{I}_{iz}$, $\hat{I}_{i+}/\sqrt{2}$, $\hat{I}_{i-}/\sqrt{2}$ and identity $(\hat{E}_i)$; as such, the density matrix has 4^N possible basis operators. In LR-LCL, however, we limit the basis set to product operators that 1) have a total coherence order of zero, 2) have $q_r < q_{max}$, and 3) only involve groups of spins that are among each other's nearest N_{max} neighbors. This ensures that the simulations scale linearly, rather than exponentially, without sacrificing much in terms of accuracy; such reduction of computational cost is key when tackling large spin systems like those present in DNP.

To a reasonable approximation, the Liouvillian can be decomposed into contributions from the relevant interactions as follows:

$$\hat{\sigma}(t) = \exp(-i\hat{\hat{L}}t)\hat{\sigma}(0) = \exp(\hat{\hat{R}}_{1,2}t)\exp(-i\hat{\hat{L}}_{DNP}t)\exp(-i\hat{\hat{L}}_{CS+HF}t)\exp(-i\hat{\hat{L}}_{DD}t)\hat{\sigma}(0) \tag{4}$$

where $\hat{\hat{R}}_{1,2}$ is the relaxation superoperator, $\hat{\hat{L}}_{DNP}$ corresponds to Landau-Zener DNP events, and $\hat{\hat{L}}_{DD}$ is the dipolar coupling superoperator. Their explicit forms are given in refs [1-3]. Previously,

[1] Mentink-Vigier, F.; Vega, S.; De Paëpe, G. Fast and Accurate MAS-DNP Simulations of Large Spin Ensembles. *Phys. Chem. Chem. Phys.* **2017**, *19*, 3506-3522.

[2] Perras, F. A.; Pruski, M. Large-Scale Ab Initio Simulations of MAS DNP Enhancements Using a Monte Carlo Optimization Strategy. *J. Chem. Phys.* **2018**, *149*, 154202.

we and others had applied dipolar events to treat the nuclei near the unpaired electrons but this creates a problematic boundary region that is not treated well by either $\hat{\hat{L}}_{\mathrm{DD}}$ or rotor events. Here we instead decided to include the time-dependent offsets created by hyperfine coupling as an additional offset in the chemical shift Liouvillian ($\hat{\hat{L}}_{\mathrm{CS+HF}}$), which takes the form of a chemical shift anisotropy tensor with a magnitude equal to that of the hyperfine coupling tensor. This approach is able to treat all nuclei with the same level of accuracy, regardless of location, and reproduces the Landau-Zener approach for the nuclei near the radical, as expected.

The treatment of the numerous dipolar coupling interactions between nuclei is responsible for the bulk of the calculation. These are further divided using Suzuki-Trotter propagation, which ensures that all matrix-vector calculations are performed in subspaces having dimensions of 4 or less, and only include the dipolar couplings between neighbors (n_i corresponding to the list of neighbors for spin i).

$$\exp(-i\hat{\hat{L}}_{\mathrm{DD}}t)\hat{\sigma}(0)=\left(\prod_{\mathrm{i=1}}^{\mathrm{N}}\prod_{\mathrm{n_{i,1}}}^{\mathrm{n_{i,}N_{max}},\mathrm{j>i}}\exp(-i\hat{\hat{L}}_{\mathrm{i,j}}t)\right)\hat{\sigma}(0) \tag{5}$$

In our earlier study,[2] where LCL was used to simulate DNP in systems of up to 55 spins, the steady-state polarizations (**P**) were obtained using a Monte Carlo optimization strategy. There, we simply changed the polarizations from the previous step (m-1) by random quantities, **Λ**, ranging from 0 to λ in the direction in which the polarizations had changed (**ΔP**) over a rotor period:

$$\mathbf{P}_{\mathrm{m}}=\mathbf{P}_{\mathrm{m\text{-}1}}+\mathbf{\Lambda}\circ\mathrm{sign}(\mathbf{\Delta P}) \tag{6}$$

Assuming that λ is small, equation 6 should be able to reach the steady-state solution for any system. However, it scales roughly linearly with the spin system size and was unable to converge in a reasonable amount of time for the very large spin systems **Λ** studied here. Thus, we opted to additionally step the polarizations in both the direction of the total change in polarization by a factor of μ, to help converge the total enhancement, as well as in the direction of the change in polarization for each group of neighboring N_{max} spins, by a value of ν:

$$\begin{aligned}\mathbf{P}_{\mathrm{m}}&=\mathbf{P}_{\mathrm{m\text{-}1}}+\mu\sum_{\mathrm{i=1}}^{N}(\Delta P_{\mathrm{i}}\cdot\mathbf{1})+\sum_{\mathrm{i=1}}^{N}\left(\nu\cdot\mathrm{sign}\left(\sum_{\mathrm{j=1}}^{N}\Delta P_{\mathrm{j}}\cdot X_{\mathrm{i,j}}\right)\cdot\mathbf{X}_{\mathrm{i}}\right)+\mathbf{\Lambda}\circ\mathrm{sign}(\mathbf{\Delta P})\\ X_{i,j}&=\begin{cases}1 & if\ j\in\mathrm{n_i}\\ 0 & if\ j\notin\mathrm{n_i}\end{cases}\end{aligned} \tag{7}$$

[3] Perras, F. A.; Pruski, M. Linear-Scaling Ab Initio Simulations of Spin Diffusion in Rotating Solids. *J. Chem. Phys.* **2019**, *151*, 034110.

With these modifications, the polarizations of all spins typically converge following roughly 250 optimization steps, which corresponds to 2.5 ms of spin dynamics simulation for a sample spinning at 10 kHz.

ReaxFF Reactive Force Field Method

ReaxFF is an empirical force field that can simulate chemical reactions based on the bond order concept using a polarizable charge description without the full expense of quantum mechanics (QM) methods. ReaxFF has been applied to a wide range of materials such as polymeric fibers, and metallic, ferroelectric and metal oxide/hydride/carbide materials.[4-7]
In ReaxFF, the energy of the system is divided as:

$$E_{\text{system}} = E_{\text{bond}} + E_{\text{over}} + E_{\text{under}} + E_{\text{lp}} + E_{\text{val}} + E_{\text{tor}} + E_{\text{vdWaals}} + E_{\text{Coulomb}} \quad (8)$$

where, E_{bond} is the bond energy, E_{over} is an over-coordination penalty, E_{under} is an under-coordination stabilization, E_{lp} is the lone pair energy, E_{val} is the valence angle energy, E_{tor} is the torsion angle energy, E_{vdWaals} is the shielded van der Waals energy and E_{Coulomb} is the shielded Coulombic energy.[4]

Connectivity-dependent terms, such as angles and dihedrals, depend on bond orders, which are updated every MD time step based on the interatomic distances. The non-bonded Coulombic and van der Waals energy terms are calculated between each pair of atoms regardless of their bond order, and a shielding term is employed in the Coulombic and van der Waals terms to avoid excessive non-bonded interactions.[4] A seventh-order Taper function is employed to avoid any discontinuity in the non-bonded energy terms. Also, a geometry dependent charge calculation scheme, based on the electronegativity equalization method (EEM), is used to calculate the atomic charges.[4]

To develop the ReaxFF reactive force field for this study, we merged the C/Cl parameters from the force field of Wood *et al.*[8] with the C/H/Cl parameters from the force field of Verlackt

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[4] Chenoweth, K.; Van Duin, A. C.; Goddard, W. A., ReaxFF reactive force field for molecular dynamics simulations of hydrocarbon oxidation. *The Journal of Physical Chemistry A* **2008,** *112*, 1040-1053.

[5] Kowalik, M.; Ashraf, C.; Damirchi, B.; Akbarian, D.; Rajabpour, S.; van Duin, A. C. T., Atomistic Scale Analysis of the Carbonization Process for C/H/O/N-Based Polymers with the ReaxFF Reactive Force Field. *The Journal of Physical Chemistry B* **2019,** *123*, 5357-5367.

[6] Akbarian, D.; Yilmaz, D. E.; Cao, Y.; Ganesh, P.; Dabo, I.; Munro, J.; Van Ginhoven, R.; van Duin, A. C., Understanding the influence of defects and surface chemistry on ferroelectric switching: a ReaxFF investigation of BaTiO 3. *Physical Chemistry Chemical Physics* **2019,** *21*, 18240-18249.

[7] Akbarian, D.; Hamedi, H.; Damirchi, B.; Yilmaz, D. E.; Penrod, K.; Woodward, W. H.; Moore, J.; Lanagan, M. T.; van Duin, A. C., Atomistic-scale insights into the crosslinking of polyethylene induced by peroxides. *Polymer* **2019**, 121901.

[8] Wood, M. A.; van Duin, A. C.; Strachan, A., Coupled thermal and electromagnetic induced decomposition in the molecular explosive αHMX; a reactive molecular dynamics study. *The Journal of Physical Chemistry A* **2014,** *118*, 885-895.

et al.[9] The Verlackt *et al.* force field was originally developed to enhance our understanding of the interactions between hydroxyl radicals and DNA;[9] however, since it was not trained for C/Cl parameters, the C/Cl parameters from the Wood *et al.* 2014 force field were added and retrained. In ReaxFF, a successive one-parameter search algorithm was employed to minimize the sum-of-squares error function:[10]

$$Error = \sum_{i=1}^{n} \left[\frac{(x_{i,QM} - x_{i,ReaxFF})}{\sigma_i} \right] \tag{9}$$

where $x_{i,QM}$ is a *QM* energy value, $x_{i,ReaxFF}$ is a ReaxFF value, and σ_i is a weight assigned to data point *i*. Figure S1 shows that ReaxFF values for reaction coordinates and valence angle distortions are in very good agreement with the QM values, verifying the successful optimization of the force field.

[9] Verlackt, C.; Neyts, E.; Jacob, T.; Fantauzzi, D.; Golkaram, M.; Shin, Y. K.; van Duin, A.; Bogaerts, A., Atomic-scale insight into the interactions between hydroxyl radicals and DNA in solution using the ReaxFF reactive force field. *New Journal of Physics* **2015,** *17*, 103005.

[10] van Duin, A. C.; Baas, J. M.; Van De Graaf, B., Delft molecular mechanics: a new approach to hydrocarbon force fields. Inclusion of a geometry-dependent charge calculation. *Journal of the Chemical Society, Faraday Transactions* **1994,** *90*, 2881-2895.

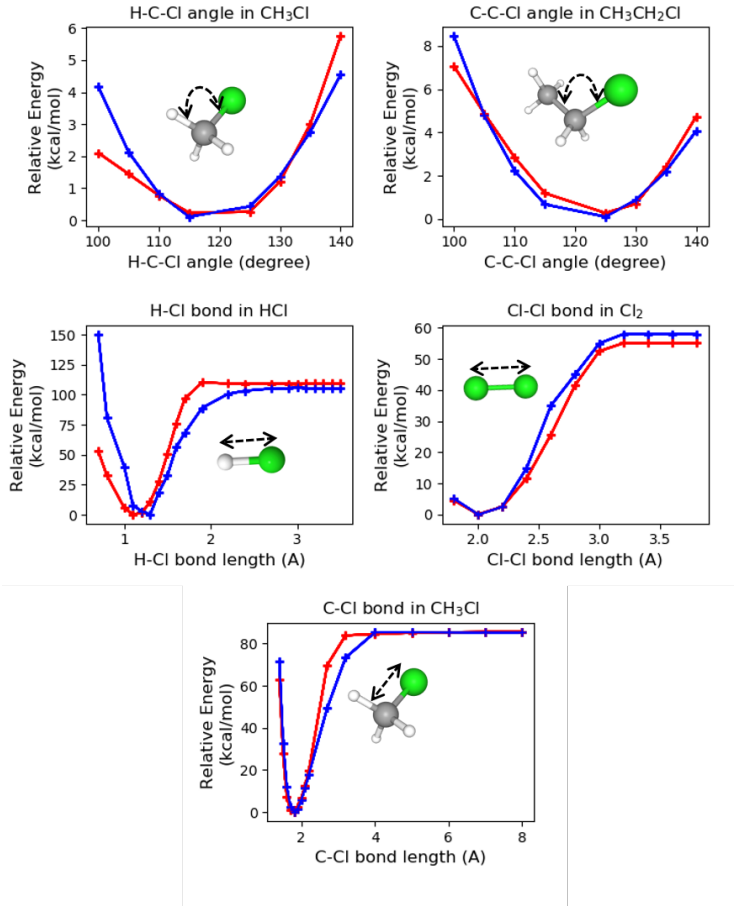

Figure S1. Comparison of QM and ReaxFF values for reaction coordinates and valence angle distortions related to C/H/Cl parameters.

Experimental Details

EPR Spectroscopy

X-band FT-EPR was performed at 100 K on an ELEXSYS E580 EPR system equipped with an ER 4118X-MD5 Dielectric Resonator to measure electron inversion-recovery curves for 16 mM bTbK/TCE and TEKPol/TCE, as well as silica glass γ-irradiated at 400 kGy. Both the attenuation of the microwave power and the optimal π/2 pulse were calibrated on each sample. The typical length of π/2 pulse was between 16 and 40 ns. At least five times T_{1e} was used for all pulse repetition times.

The electron inversion-recovery curves (shown in Figure S2) were fit using stretched exponentials (see equation 10 below) in the case of the TCE solutions, while a mono-exponential was sufficient to describe the build-up in the case of the irradiated fused quartz.

$$I(t) = I_0 + I_{\max} \exp\left[-\left(\frac{t}{T_{1e}^*}\right)^{\beta}\right] \qquad (10)$$

The mean T_{1e}, $\langle T_{1e} \rangle$, defined below, was used for the simulations

$$\langle T_{1e} \rangle = \frac{T_{1e}^*}{\beta} \Gamma\left(\frac{1}{\beta}\right) . \tag{11}$$

The fitted data are given in Table S1.

Table S1. Fitted electron relaxation parameters

sample	T_{1e}^* / μs	β	$\langle T_{1e} \rangle$ / μs
bTbK/TCE	3.49	0.38	9.26
TEKPol/TCE	18.71	0.45	41.6
irradiated fused quartz	2770	1.0	2770

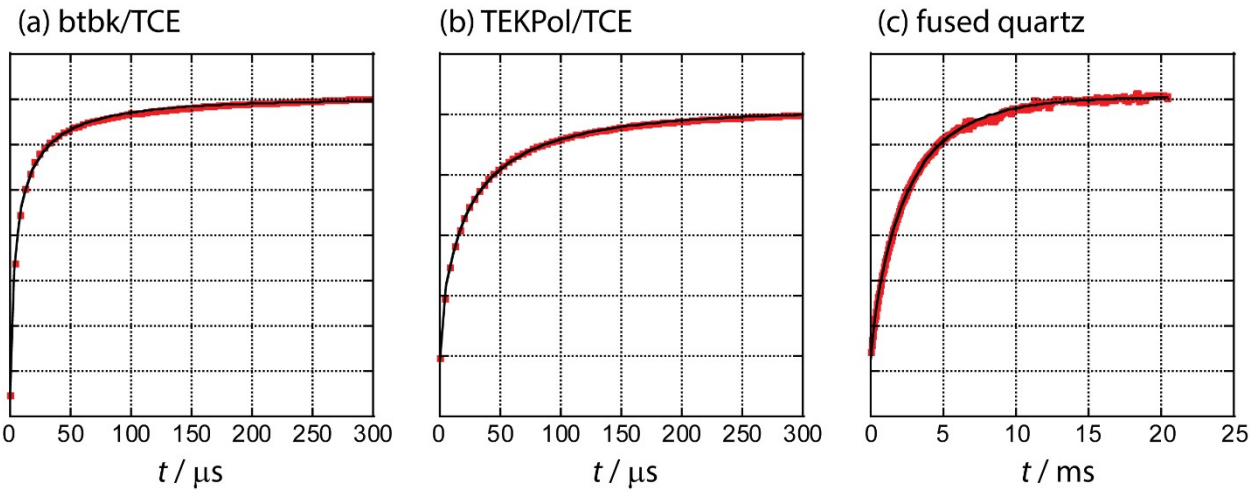

Figure S2. Electron inversion recovery curves for the two TCE solution and the fused quartz. All were taken at 100 K at X band.

NMR Spectroscopy

The ^{29}Si T_1 relaxation time in the irradiated fused quartz was determined using a Bruker AVANCE III solid-state NMR spectrometer equipped with a 3.2-mm low-temperature MAS probe. A saturation-recovery experiment with Carr-Purcell Meiboom-Gill (CPMG) detection was performed with 62.5 kHz RF pulses. 50 saturation pulses were applied and 46 echoes were accumulated at a rate of 416 Hz. Relaxation delays were incremented logarithmically from 1024 s to 262,144 s. The build-up curve and its fit are shown in Figure S3 below.

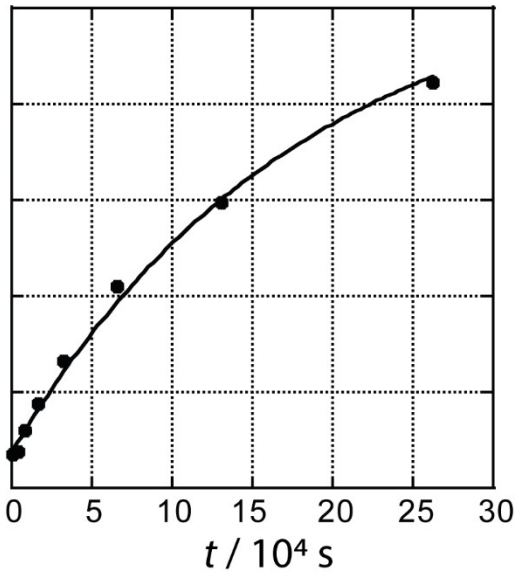

Figure S3. Saturation-recovery curve for the γ-irradiated fused quartz sample at 105 K. The curve is a mono-exponential fit with T_1 = 180,000 s. The relaxation delay was increased to 200,000 s in the simulations due to the propensity of the fitting routine to underestimate the T_1 value when the saturation point is not reached.

Computational Details

Spin Dynamics Simulations

All simulations were performed using an in-house C/C++ program and run on four Intel E5-2620 processors, utilizing all CPUs. To ensure the reliability of the calculated DNP enhancement, we first performed basis set convergence tests using smaller 100-spin clusters. Note that LR-LCL is an exact theory in the limit of $q_{max} = N$ and $N_{max} = N$-1. All DNP enhancements converged when using an N_{max} value of 27, and thus we used this value for all full-scale simulations, along with a q_{max} value of 4. Size limitations prevented the use of larger q_{max} values. We *reduced* N_{max} to 15 and q_{max} to 3 in the case of the fused quartz due to computational limitations. Note that a q_{max} value of 3 has been used previously to model ^{13}C-^{13}C spin diffusion.[11] A total of 66 powder orientations of the REPULSION scheme[12] and 3 γ angles were used for powder averaging. The powder averaging was parallelized using MPI. The Monte Carlo optimization was performed directly on the powder-averaged polarizations. The microwave powers were set to 0.85 MHz and 0.0 MHz for the 'on' and 'off' calculations, respectively. The nuclear T_1 relaxation times assigned using the equation:

$$\frac{1}{T_1} = \frac{1}{T_{1,bulk}} + \sum_{electrons} \frac{1\text{Å}^6}{T_{1.1\text{Å}} r^6} \qquad (12)$$

[11] Dumez, J.-N.; Halse, M. E.; Butler, M. C.; Emsley, L. A First-Principles Description of Proton-Driven Spin Diffusion. *Phys. Chem. Chem. Phys.* **2012**, *14*, 86-89.

[12] Bak, M.; Nielsen, N. C. REPULSION, A Novel Approach to Efficient Powder Averaging in Solid-State NMR. *J. Magn. Reson.* **1997**, *125*, 132-139.

with the bulk T_1 set to 3.5 s and 200,000 s for TCE and fused quartz, respectively, as determined experimentally, and the T_1 value at 1.1 Å ($T_{1.1Å}$) set to 0.1 s and 10 s for TCE and fused quartz, respectively. The $T_{1.1Å}$ value was increased for the fused quartz due to the $1/T_{1e}$ dependence of paramagnetic-induced relaxation,[13] and the weaker hyperfine coupling to ^{29}Si. In accordance with earlier LCL work,[14] explicit T_2 relaxation was not used but its primary mechanism, namely spin diffusion, is included in LCL. The electron relaxation times were set to 9.26, 41.6, and 2770 μs for the bTbK solution, TEKPol solution, and the fused quartz, respectively, as measured experimentally.

The electron g tensor principal components were set to 2.00988, 2.00614, and 2.00194 for the nitroxides, and the Euler angles relating them were determined directly from the structure, with g_{xx} aligned with the N-O bond and g_{zz} along the normal of the C-N(O)-C plane. The unpaired electrons were positioned in between the nitroxide's N and O atoms and the exchange coupling constant was set to 0 in all cases. The principal components of the g tensor in the case of the irradiated fused quartz were set to 2.0018, 2.0006, and 2.0003; since quartz contained monoradicals no Euler angles were specified.

The optimization parameters, in the case of the TCE solutions, were set to $\lambda = 0.5$, $\nu = 0.25$, and $\mu = 0.5$, with the value of λ decreasing at a rate of 0.999 per each additional step, with **P** in enhancement units (i.e. with a maximum value of 658 for ^{1}H). The convergence was monitored manually. To compensate for the slower spin dynamics in the fused quartz, λ, ν, and μ were increased to 2, 10, and 2000, respectively.

Molecular Dynamics Simulations

The molecular dynamics (MD) simulations were performed using the ReaxFF[15] implementation in the LAMMPS computational chemistry package.[16] The initial system configurations were generated by placing 592 TCE molecules and a single polarizing agent molecule (bTbK or TEKPol) randomly in a cubic box of size 48 Å to match the experimental density at 300 K. The system was energy-minimized with an energy tolerance of 10^{-6} and force tolerance of 10^{-4} kcal/mole-Å. The system was then equilibrated in the canonical (NVT) ensemble at 300 K for 500 ps with a time step of 0.25 fs using the Nose-Hoover thermostat and a coupling time constant of 25 fs to control the temperature of the entire system. The equilibrated system was cooled to 100 K over 250 ps while allowing the system size to change to a cubic box of size 44.62 Å to correspond to the experimental density at 100 K. The system was then

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[13] Reynhardt, E. C. Spin-Lattice Relaxation of Spin-1/2 Nuclei in Solids Containing Diluted Paramagnetic Impurity Centers. I. Zeeman Polarization of Nuclear Spin System. *Concepts Magn. Reson. A* **2003**, *19*, 20-35.

[14] Halse, M. E.; Dumez, J.-N.; Emsley, L. Quasi-Equilibria in Reduced Liouville Spaces. *J. Chem. Phys.* **2012**, *136*, 224511.

[15] Senftle, T., Hong, S., Islam, M., Kylasa, S.B., Zheng, Y., Shin, Y.K., Junkermeier, C., Engel-Herbert, R., Janik, M., Aktulga, H.M., Verstraelen, T., Grama, A.Y. and van Duin, A.C.T. The ReaxFF Reactive Force-field: Development, Applications, and Future Directions. Nature Comput. Mater. **2016**, *2*, 15011.

[16] Plimpton, S., Fast Parallel Algorithms for Short-Range Molecular Dynamics. *Journal of Computational Physics* **1995,** *117*, 1-19.

equilibrated at 100 K for an additional 250 ps. Five independent simulation trajectories were generated for the DNP analysis.

Supplementary Figures

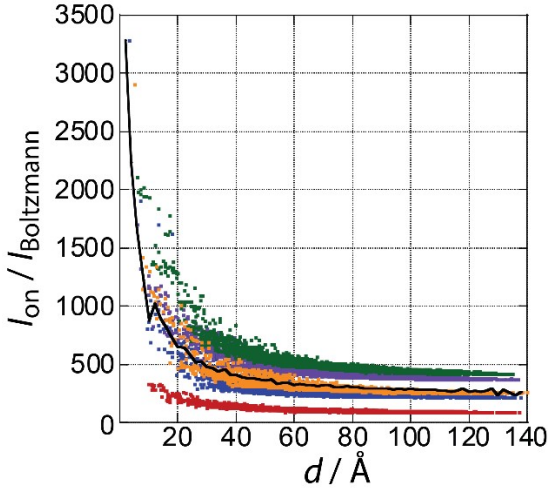

Figure S4. Calculated steady-state polarizations of the ^{29}Si nuclei in γ-irradiated fused quartz as a function of the distance between the nucleus and the paramagnetic defect site. Each color corresponds to a different random arrangement of the ^{29}Si spins in the lattice.

Supplementary Tables

Table S2. Euler angles relating the orientations of the electrons' g tensors to the crystal frame

sample	α_1 / °	β_1 / °	γ_1 / °	α_2 / °	β_2 / °	γ_2 / °
bTbK, 1	219.5	49.0	114.4	37.4	118.2	174.6
bTbK, 2	156.5	35.0	53.3	56.3	102.3	154.2
bTbK, 3	157.1	47.8	62.9	351.6	81.0	129.8
bTbK, 4	224.8	29.1	111.2	222.6	30.9	30.3
bTbK, 5	256.1	55.8	105.1	54.4	76.2	220.8
TEKPol, 1	115.4	46.3	61.8	24.8	50.0	165.7
TEKPol, 2	119.1	57.1	55.9	10.8	37.6	154.8
TEKPol, 3	118.2	51.1	65.5	25.4	51.8	171.7
TEKPol, 4	130.7	54.8	63.4	30.6	59.1	169.7
TEKPol, 5	119.9	53.4	61.7	21.1	49.5	163.4

Table S3. Coordinates and polarizations calculated for the first bTbK conformation

	x / Å	y / Å	z / Å	d^A / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	24.97	28.78	21.52				
e	23.69	21.17	28.57				
H	24.65	29.62	19.32	2.38	62.74	0.11	570.36
H	23.30	18.96	29.36	2.38	59.00	0.15	393.33
H	25.86	20.83	27.63	2.39	62.73	0.13	482.54
H	23.82	23.56	28.27	2.41	57.52	0.18	319.56
H	22.63	28.29	21.13	2.42	60.80	0.13	467.69
H	21.38	20.88	29.30	2.44	61.37	0.16	383.56
H	25.92	28.87	23.93	2.59	62.36	0.13	479.69
H	27.10	29.70	22.86	2.68	62.78	0.14	448.43
H	25.90	28.49	18.67	3.02	60.91	0.13	468.54
H	21.11	22.65	29.30	3.06	60.28	0.17	354.59

H	27.15	27.41	19.82	3.09	60.66	0.15	404.40
H	24.77	18.17	28.63	3.20	59.26	0.15	395.07
H	25.92	26.31	23.58	3.35	60.41	0.16	377.56
H	22.01	24.06	28.27	3.35	57.34	0.19	301.79
H	26.01	19.03	27.36	3.38	61.52	0.14	439.43
H	22.52	27.86	19.32	3.42	60.57	0.14	432.64
H	25.65	20.17	25.95	3.42	61.58	0.14	439.86
H	22.51	26.55	20.57	3.45	59.90	0.14	427.86
H	22.95	24.00	26.72	3.45	56.02	0.21	266.76
H	23.07	17.80	27.98	3.48	58.13	0.17	341.94
H	26.11	25.98	19.75	3.50	60.53	0.15	403.53
H	24.11	28.33	18.16	3.50	61.40	0.13	472.31
H	22.15	19.04	26.20	3.54	57.62	0.19	303.26
H	20.18	21.68	28.11	3.58	59.33	0.18	329.61
H	27.69	28.26	23.80	3.59	62.22	0.15	414.80
H	28.48	28.13	20.93	3.63	60.61	0.15	404.07
H	20.93	20.95	26.22	3.63	57.20	0.20	286.00
H	27.13	25.73	22.44	3.85	60.55	0.16	378.44
H	21.54	22.59	25.64	3.89	56.33	0.21	268.24
H	24.35	25.47	19.54	3.91	59.69	0.15	397.93
H	23.78	18.89	25.38	3.92	57.64	0.19	303.37
H	22.62	27.89	24.59	3.96	53.28	0.25	213.12
H	28.04	26.32	20.98	3.97	60.43	0.15	402.87
H	23.37	23.97	25.21	4.38	55.09	0.22	250.41
H	27.23	19.54	31.18	4.69	40.72	0.45	90.49
H	24.97	23.45	24.41	4.91	53.52	0.25	214.08
H	19.74	18.13	29.28	5.04	51.19	0.28	182.82
H	22.14	25.08	23.52	5.07	51.70	0.28	184.64
H	20.92	16.93	27.76	5.13	51.57	0.28	184.18
H	27.02	24.87	26.91	5.25	51.04	0.29	176.00
H	26.91	32.69	24.45	5.26	44.34	0.39	113.69
H	22.00	24.41	21.81	5.29	51.31	0.28	183.25
H	27.21	22.47	32.50	5.44	38.81	0.48	80.85
H	24.05	26.47	30.11	5.53	43.27	0.41	105.54
H	28.27	28.93	17.09	5.53	43.92	0.39	112.62
H	18.49	20.05	30.75	5.75	48.13	0.33	145.85
H	19.29	29.54	20.72	5.79	43.09	0.41	105.10
H	24.40	34.22	23.61	5.86	40.81	0.45	90.69
H	21.09	22.73	23.45	5.95	51.68	0.28	184.57
H	29.27	23.05	27.11	6.06	49.45	0.33	149.85
H	27.47	27.10	26.85	6.12	50.96	0.29	175.72
H	25.20	22.45	22.77	6.13	52.18	0.27	193.26
H	18.16	23.16	26.68	6.17	44.05	0.39	112.95
H	19.51	31.75	21.32	6.22	42.48	0.41	103.61
H	26.18	17.86	23.90	6.24	48.16	0.33	145.94
H	30.66	27.17	23.59	6.27	46.49	0.37	125.65
H	22.18	24.13	33.97	6.34	38.52	0.47	81.96
H	26.14	29.30	15.29	6.37	43.50	0.41	106.10
H	30.60	31.34	23.04	6.37	40.97	0.43	95.28
H	28.10	17.44	31.26	6.38	40.00	0.46	86.96
H	23.84	16.06	24.70	6.41	46.76	0.35	133.60
H	20.40	24.29	21.05	6.42	50.95	0.29	175.69
H	25.56	24.81	16.38	6.53	42.79	0.41	104.37
H	20.03	28.94	25.89	6.59	41.11	0.44	93.43
H	22.13	19.50	34.80	6.64	38.49	0.48	80.19
H	21.93	21.70	22.15	6.67	51.49	0.28	183.89
H	23.98	22.11	21.41	6.74	51.33	0.28	183.32
H	20.59	25.93	17.24	6.75	42.85	0.41	104.51
H	23.57	14.35	28.34	6.83	39.54	0.46	85.96
H	30.76	32.62	21.13	6.97	40.59	0.44	92.25
H	22.35	26.76	32.64	7.04	38.86	0.47	82.68
H	21.50	31.01	27.40	7.18	39.74	0.45	88.31

H	24.93	20.44	35.62	7.20	38.06	0.48	79.29
H	20.64	15.86	24.66	7.26	42.11	0.43	97.93
H	21.77	34.98	23.60	7.28	39.94	0.46	86.83
H	27.69	24.73	33.59	7.34	38.46	0.48	80.13
H	21.80	22.51	35.58	7.39	38.63	0.48	80.48
H	19.67	27.89	16.40	7.43	42.31	0.42	100.74
H	21.43	32.94	16.48	7.43	38.91	0.48	81.06
H	23.38	34.15	16.48	7.54	38.83	0.48	80.90
H	30.50	29.19	16.42	7.54	41.69	0.42	99.26
H	16.74	22.54	31.22	7.56	44.09	0.39	113.05
H	29.82	22.16	24.21	7.58	47.45	0.35	135.57
H	24.31	29.28	13.97	7.60	42.82	0.42	101.95
H	29.74	20.90	33.21	7.63	38.67	0.48	80.56
H	18.44	25.05	20.14	7.64	48.60	0.32	151.88
H	24.06	36.48	21.55	7.75	39.58	0.47	84.21
H	23.93	33.49	27.70	7.83	39.82	0.46	86.57
H	16.25	21.91	26.22	7.84	43.55	0.40	108.88
H	19.55	15.85	32.70	7.91	39.03	0.47	83.04
H	20.86	23.78	16.65	8.10	42.79	0.42	101.88
H	32.48	25.94	22.94	8.15	45.95	0.38	120.92
H	26.16	33.89	27.86	8.23	40.12	0.46	87.22
H	25.05	12.96	29.47	8.37	38.93	0.47	82.83
H	22.22	19.98	20.34	8.44	48.69	0.32	152.16
H	28.46	30.71	28.97	8.45	40.05	0.46	87.07
H	19.82	35.59	21.28	8.54	39.54	0.46	85.96
H	21.53	33.25	27.95	8.55	39.58	0.46	86.04
H	24.83	37.11	19.46	8.59	39.32	0.47	83.66
H	27.65	22.56	16.18	8.62	40.84	0.44	92.82
H	26.02	19.76	20.27	8.74	42.71	0.42	101.69
H	18.39	15.44	24.62	8.74	41.46	0.44	94.23
H	17.65	17.86	34.08	8.82	38.50	0.48	80.21
H	29.44	15.31	31.97	8.89	38.49	0.47	81.89
H	16.94	30.95	24.68	8.90	39.14	0.47	83.28
H	30.19	29.21	29.03	9.16	40.04	0.46	87.04
H	30.13	35.59	24.86	9.18	38.02	0.49	77.59
H	20.50	28.82	32.68	9.25	38.06	0.49	77.67
H	15.79	25.85	27.39	9.26	38.99	0.47	82.96
H	15.64	28.51	20.85	9.36	41.39	0.43	96.26
H	27.63	27.73	34.22	9.51	37.99	0.48	79.15
H	15.71	26.42	21.74	9.55	41.48	0.43	96.47
H	29.03	19.52	20.77	9.59	41.63	0.44	94.61
H	14.35	18.85	28.42	9.62	38.83	0.47	82.62
H	17.14	14.11	27.21	9.73	39.42	0.47	83.87
H	24.09	21.98	38.27	9.75	37.72	0.49	76.98
H	15.98	32.41	23.07	9.82	39.53	0.47	84.11
H	33.31	27.91	16.35	9.86	39.61	0.46	86.11
H	22.85	11.40	29.72	9.88	38.68	0.47	82.30
H	23.41	12.94	22.97	9.96	39.67	0.47	84.40
H	30.20	35.25	27.13	10.03	37.95	0.48	79.06
H	33.05	23.59	31.49	10.10	37.74	0.49	77.02
H	18.04	33.10	27.48	10.11	38.48	0.48	80.17
H	34.11	33.13	22.75	10.20	38.44	0.48	80.08
H	16.37	27.12	32.54	10.23	38.05	0.48	79.27
H	25.34	23.70	12.58	10.29	39.55	0.47	84.15
H	25.44	25.79	11.69	10.29	39.65	0.47	84.36
H	18.19	26.54	14.07	10.32	39.70	0.46	86.30
H	30.86	14.22	25.94	10.32	38.33	0.49	78.22
H	29.26	32.19	12.76	10.34	37.50	0.49	76.53
H	21.71	29.21	34.82	10.37	38.01	0.49	77.57
H	32.38	35.53	18.76	10.40	37.80	0.49	77.14
H	31.60	26.25	13.81	10.48	39.13	0.47	83.26
H	15.60	21.41	21.86	10.51	38.96	0.47	82.89

H	21.36	18.92	38.57	10.51	37.74	0.49	77.02
H	35.18	28.47	19.07	10.51	38.91	0.47	82.79
H	28.18	36.53	15.18	10.52	37.99	0.49	77.53
H	28.00	17.41	19.73	10.52	41.17	0.44	93.57
H	26.52	15.74	37.21	10.60	37.26	0.50	74.52
H	16.54	19.60	20.86	10.63	38.74	0.47	82.43
H	15.56	28.08	29.48	10.71	38.65	0.48	80.52
H	21.73	19.43	17.36	10.73	41.43	0.43	96.35
H	24.53	19.82	15.62	10.74	40.58	0.44	92.23
H	17.54	33.38	15.29	10.74	38.09	0.48	79.35
H	31.74	15.51	24.22	10.76	38.13	0.48	79.44
H	30.43	37.67	24.19	10.77	38.00	0.48	79.17
H	20.60	36.65	15.59	10.78	37.38	0.49	76.29
H	18.32	25.32	36.97	10.80	38.16	0.49	77.88
H	35.63	29.00	23.40	10.83	38.55	0.47	82.02
H	33.64	24.87	16.32	10.85	39.12	0.47	83.23
H	26.12	36.62	14.10	10.86	37.92	0.49	77.39
H	32.47	18.37	34.39	10.90	37.78	0.49	77.10
H	27.66	17.54	38.10	10.95	37.24	0.49	76.00
H	29.92	30.20	11.84	10.97	37.41	0.49	76.35
H	17.58	12.02	28.06	11.01	39.43	0.47	83.89
H	33.62	20.04	33.27	11.05	37.53	0.49	76.59
H	17.32	17.93	37.11	11.14	37.94	0.49	77.43
H	29.36	24.51	37.57	11.15	37.28	0.49	76.08
H	21.59	10.60	25.72	11.15	38.29	0.48	79.77
H	21.34	38.73	25.02	11.16	37.58	0.49	76.69
H	22.96	23.56	39.48	11.19	37.79	0.49	77.12
H	34.18	24.84	29.95	11.19	37.70	0.50	75.40
H	27.76	10.95	26.29	11.24	37.99	0.49	77.53
H	34.06	16.80	28.69	11.25	37.61	0.49	76.76
H	24.35	25.50	38.97	11.29	37.63	0.49	76.80
H	15.58	26.36	34.52	11.32	38.04	0.48	79.25
H	20.55	20.87	39.45	11.33	37.76	0.49	77.06
H	14.31	15.28	31.06	11.36	38.26	0.49	78.08
H	18.44	21.92	15.21	11.38	39.48	0.47	84.00
H	26.07	12.54	21.49	11.42	39.69	0.46	86.28
H	12.36	19.63	27.56	11.48	38.86	0.47	82.68
H	20.62	31.11	11.08	11.55	37.84	0.48	78.83
H	29.23	10.99	28.07	11.60	37.85	0.49	77.24
H	35.85	30.35	25.28	11.62	38.14	0.48	79.46
H	27.30	14.42	19.80	11.64	39.93	0.46	86.80
H	35.86	31.99	18.75	11.69	37.82	0.49	77.18
H	24.93	39.98	25.11	11.77	37.56	0.49	76.65
H	24.48	38.65	15.11	11.78	37.71	0.48	78.56
H	21.59	23.24	11.69	11.78	38.62	0.47	82.17
H	20.50	34.44	12.21	11.78	37.68	0.48	78.50
H	17.51	35.24	27.96	11.78	38.49	0.47	81.89
H	31.35	14.09	34.06	11.79	38.02	0.49	77.59
H	34.82	17.77	30.62	11.82	37.43	0.49	76.39
H	36.43	26.64	19.59	11.82	38.77	0.47	82.49
H	12.74	21.70	33.09	11.86	38.11	0.48	79.40
H	26.77	39.46	26.36	11.86	37.59	0.49	76.71
H	19.78	28.98	10.86	11.86	37.97	0.48	79.10
H	34.63	30.35	28.22	11.87	38.21	0.48	79.60
H	21.61	9.65	30.52	11.87	38.63	0.48	80.48
H	14.70	34.08	18.76	11.88	38.21	0.49	77.98
H	14.94	28.03	15.17	11.89	38.59	0.47	82.11
H	19.38	38.22	16.75	11.97	37.20	0.49	75.92
H	30.12	22.02	12.99	12.04	39.20	0.46	85.22
H	23.31	10.04	33.30	12.11	38.36	0.48	79.92
H	11.84	20.80	31.17	12.14	38.28	0.48	79.75
H	34.35	36.27	19.71	12.14	38.00	0.49	77.55

H	16.23	24.57	37.56	12.17	38.08	0.48	79.33
H	20.92	28.05	38.22	12.18	37.57	0.49	76.67
H	33.73	22.13	16.22	12.21	38.93	0.47	82.83
H	28.21	38.88	15.46	12.22	37.89	0.49	77.33
H	20.03	14.90	38.48	12.28	37.73	0.48	78.60
H	35.07	22.73	17.92	12.31	38.84	0.47	82.64
H	12.74	25.98	31.58	12.33	38.36	0.49	78.29
H	33.47	34.01	14.28	12.34	37.31	0.49	76.14
H	12.33	22.33	23.73	12.41	38.80	0.47	82.55
H	30.25	39.83	23.55	12.42	37.98	0.48	79.13
H	12.05	25.40	29.47	12.42	38.11	0.48	79.40
H	14.80	31.95	15.12	12.43	38.20	0.48	79.58
H	31.20	33.11	31.46	12.50	37.46	0.49	76.45
H	16.64	11.88	33.16	12.54	38.20	0.48	79.58
H	35.33	21.74	22.56	12.57	38.70	0.48	80.63
H	13.98	15.78	22.63	12.59	38.73	0.48	80.69
H	26.15	32.71	9.62	12.59	37.73	0.49	77.00
H	34.11	20.10	21.57	12.60	38.81	0.48	80.85
H	26.27	26.40	39.74	12.60	37.87	0.49	77.29
H	17.20	18.96	39.14	12.61	37.95	0.49	77.45
H	30.32	12.39	22.37	12.63	38.20	0.49	77.96
H	13.92	13.27	30.03	12.65	38.10	0.49	77.76
H	18.76	15.15	18.58	12.66	38.07	0.49	77.69
H	16.66	38.06	24.09	12.72	37.83	0.49	77.20
H	12.61	28.56	18.48	12.72	38.52	0.47	81.96
H	17.23	10.59	31.43	12.73	38.01	0.48	79.19
H	25.60	38.36	13.11	12.77	37.95	0.49	77.45
H	31.89	23.85	11.92	12.83	39.15	0.47	83.30
H	29.34	19.72	13.49	12.87	38.98	0.47	82.94
H	22.77	36.33	11.29	12.91	37.63	0.49	76.80
H	22.63	8.62	25.72	12.92	38.52	0.48	80.25
H	17.07	11.40	23.25	12.94	38.66	0.48	80.54
H	36.34	32.85	16.70	13.01	37.66	0.49	76.86
H	26.60	41.67	20.35	13.05	37.81	0.50	75.62
H	12.44	32.37	22.37	13.05	38.30	0.48	79.79
H	31.96	16.70	19.42	13.12	39.01	0.47	83.00
H	32.13	23.48	38.37	13.14	37.29	0.49	76.10
H	18.92	13.07	37.76	13.15	37.72	0.49	76.98
H	11.27	16.85	29.42	13.17	38.01	0.48	79.19
H	25.97	18.63	13.18	13.17	39.74	0.46	86.39
H	14.98	24.83	13.82	13.22	38.62	0.47	82.17
H	20.02	41.01	20.18	13.26	37.68	0.49	76.90
H	32.96	28.62	34.53	13.30	37.34	0.49	76.20
H	36.55	23.56	26.09	13.31	37.59	0.49	76.71
H	21.07	40.90	25.64	13.39	37.53	0.49	76.59
H	12.07	21.05	21.81	13.44	38.61	0.48	80.44
H	25.44	7.82	29.12	13.47	37.94	0.49	77.43
H	36.32	35.79	23.79	13.53	37.63	0.49	76.80
H	30.24	30.09	9.12	13.54	37.52	0.49	76.57
H	20.27	13.27	18.08	13.57	38.33	0.49	78.22
H	17.03	20.24	14.55	13.59	39.25	0.47	83.51
H	27.07	32.04	36.06	13.63	37.26	0.49	76.04
H	37.12	22.70	30.40	13.64	37.45	0.49	76.43
H	24.56	11.61	38.26	13.65	37.20	0.50	74.40
H	16.78	30.93	35.28	13.71	37.62	0.49	76.78
H	31.09	19.63	40.05	13.75	37.12	0.50	74.24
H	30.20	33.15	33.49	13.77	37.44	0.48	78.00
H	31.41	40.96	20.67	13.81	37.61	0.49	76.76
H	16.28	29.57	10.81	13.82	37.74	0.49	77.02
H	16.47	14.87	18.57	13.84	38.36	0.49	78.29
H	37.49	21.69	27.32	13.87	37.33	0.49	76.18
H	27.02	30.23	38.53	13.87	37.58	0.49	76.69

H	25.80	14.86	16.39	13.87	39.38	0.47	83.79
H	27.76	41.11	15.69	13.93	37.93	0.49	77.41
H	13.03	34.63	17.25	13.96	37.79	0.48	78.73
H	27.34	7.81	30.33	13.97	37.69	0.49	76.92
H	26.20	36.71	10.09	13.97	37.62	0.49	76.78
H	33.02	14.82	20.28	14.00	38.88	0.47	82.72
H	32.75	17.46	38.59	14.01	36.88	0.49	75.27
H	9.79	23.01	28.42	14.02	38.20	0.48	79.58
H	30.28	14.77	39.18	14.04	37.16	0.50	74.32
H	20.90	31.15	38.06	14.05	37.61	0.50	75.22
H	34.09	35.15	30.11	14.06	37.57	0.49	76.67
H	19.36	33.80	33.44	14.09	37.82	0.50	75.64
H	35.15	13.45	25.78	14.10	37.90	0.49	77.35
H	13.03	35.69	24.67	14.15	38.10	0.49	77.76
H	36.68	30.71	29.23	14.16	38.10	0.48	79.38
H	18.97	21.91	10.70	14.16	38.48	0.48	80.17
H	11.69	16.24	22.86	14.17	38.40	0.48	80.00
H	26.94	38.37	31.77	14.18	37.45	0.50	74.90
H	24.17	35.89	33.78	14.20	37.28	0.50	74.56
H	34.62	30.94	11.33	14.21	37.14	0.49	75.80
H	26.29	12.44	39.48	14.21	37.19	0.50	74.38
H	33.66	35.48	12.50	14.21	37.22	0.49	75.96
H	22.54	7.92	33.57	14.21	38.17	0.48	79.52
H	21.98	36.30	33.22	14.22	37.51	0.50	75.02
H	11.45	33.11	20.43	14.24	38.15	0.48	79.48
H	15.17	39.14	22.62	14.30	37.94	0.49	77.43
H	28.93	42.39	19.59	14.31	37.72	0.49	76.98
H	23.69	21.78	42.86	14.31	37.40	0.49	76.33
H	15.48	10.21	24.39	14.32	38.89	0.48	81.02
H	28.67	12.19	38.59	14.35	37.08	0.50	74.16
H	27.38	35.15	8.89	14.36	37.47	0.49	76.47
H	34.70	26.45	36.15	14.37	37.53	0.49	76.59
H	10.69	28.35	19.77	14.39	38.54	0.47	82.00
H	26.68	24.41	7.87	14.44	37.95	0.49	77.45
H	19.08	7.47	28.69	14.46	38.00	0.48	79.17
H	9.29	21.38	29.93	14.47	38.08	0.48	79.33
H	36.00	15.41	33.66	14.52	37.40	0.49	76.33
H	30.04	27.21	8.00	14.53	37.73	0.50	75.46
H	23.83	38.94	31.87	14.55	37.33	0.50	74.66
H	24.92	15.82	42.04	14.55	37.16	0.49	75.84
H	32.03	9.26	28.03	14.55	37.37	0.49	76.27
H	25.19	43.35	21.04	14.58	37.66	0.49	76.86
H	30.52	10.17	21.81	14.61	38.31	0.48	79.81
H	12.46	29.39	13.97	14.63	38.26	0.48	79.71
H	19.82	7.82	33.17	14.64	37.91	0.48	78.98
H	38.12	28.70	27.97	14.65	37.76	0.48	78.67
H	32.23	37.53	30.78	14.66	37.43	0.50	74.86
H	13.84	30.22	34.60	14.67	37.50	0.49	76.53
H	33.18	39.76	16.25	14.69	37.68	0.49	76.90
H	25.61	32.80	7.39	14.71	37.74	0.49	77.02
H	31.07	16.48	16.06	14.78	38.41	0.47	81.72
H	17.27	25.76	9.22	14.82	37.92	0.49	77.39
H	38.42	19.55	28.14	14.82	37.47	0.49	76.47
H	20.28	42.52	18.52	14.82	37.66	0.49	76.86
H	14.54	21.14	40.24	14.84	37.47	0.49	76.47
H	39.01	24.61	18.96	14.87	38.55	0.48	80.31
H	36.87	15.64	24.45	14.88	37.96	0.49	77.47
H	16.79	39.69	15.57	14.88	37.52	0.48	78.17
H	14.95	12.06	36.46	14.89	37.62	0.49	76.78
H	24.15	20.82	8.96	14.89	38.24	0.49	78.04
H	31.88	31.04	36.15	14.90	37.18	0.49	75.88
H	38.11	24.76	27.30	14.91	37.45	0.49	76.43

H	17.54	38.96	13.54	14.92	37.79	0.49	77.12
H	33.53	32.09	9.67	15.00	37.44	0.50	74.88
H	10.07	14.90	29.55	15.03	37.91	0.49	77.37
H	20.45	39.98	30.51	15.06	37.48	0.50	74.96
H	38.13	23.15	32.40	15.07	37.70	0.49	76.94
H	17.67	7.88	32.37	15.08	38.20	0.48	79.58
H	25.58	12.58	16.31	15.09	39.26	0.46	85.35
H	31.41	9.28	33.88	15.15	37.27	0.49	76.06
H	20.78	34.43	8.07	15.18	37.24	0.49	76.00
H	21.20	9.30	19.42	15.20	37.96	0.48	79.08
H	14.75	20.27	14.12	15.22	39.19	0.47	83.38
H	14.22	30.60	10.87	15.24	37.97	0.48	79.10
H	9.67	26.60	25.97	15.26	38.13	0.48	79.44
H	30.62	33.02	7.99	15.27	37.40	0.50	74.80
H	25.89	43.27	26.28	15.28	37.69	0.50	75.38
H	31.85	28.43	39.31	15.32	37.11	0.49	75.73
H	9.23	24.70	24.71	15.37	37.79	0.48	78.73
H	13.18	24.93	12.41	15.39	38.61	0.47	82.15
H	16.54	37.16	31.31	15.39	37.77	0.50	75.54
H	36.15	29.52	32.16	15.42	37.65	0.49	76.84
H	24.31	6.76	23.11	15.42	37.93	0.49	77.41
H	10.98	12.60	26.55	15.46	38.27	0.49	78.10
H	26.56	16.87	43.20	15.52	37.17	0.49	75.86
H	18.14	21.54	43.06	15.52	37.59	0.49	76.71
H	28.81	24.39	7.03	15.62	37.83	0.49	77.20
H	27.87	43.70	25.14	15.63	37.54	0.50	75.08
H	39.52	23.11	20.58	15.65	38.13	0.48	79.44
H	26.25	28.32	42.26	15.65	37.40	0.49	76.33
H	36.60	12.96	31.88	15.65	37.33	0.50	74.66
H	28.07	8.28	36.31	15.67	37.21	0.49	75.94
H	39.44	34.50	19.40	15.71	37.56	0.49	76.65
H	13.94	23.30	40.70	15.71	37.49	0.49	76.51
H	30.82	41.77	28.15	15.72	37.22	0.49	75.96
H	23.47	32.89	39.05	15.73	37.56	0.49	76.65
H	26.79	38.15	34.04	15.74	37.58	0.50	75.16
H	14.12	39.69	18.17	15.75	37.27	0.49	76.06
H	35.70	20.32	13.69	15.75	38.38	0.48	79.96
H	36.19	39.68	23.60	15.78	37.17	0.49	75.86
H	18.55	35.83	34.13	15.81	37.67	0.50	75.34
H	36.24	25.23	37.32	15.83	37.54	0.49	76.61
H	9.34	19.35	35.00	15.83	37.73	0.49	77.00
H	24.57	41.05	31.54	15.84	37.40	0.50	74.80
H	38.12	18.39	34.79	15.96	37.62	0.50	75.24
H	10.26	23.55	17.98	16.00	37.98	0.48	79.13
H	10.56	30.91	28.16	16.00	37.73	0.49	77.00
H	25.61	7.05	21.26	16.02	37.92	0.48	79.00
H	21.38	32.92	6.45	16.04	37.25	0.49	76.02
H	32.79	16.61	14.55	16.06	38.34	0.48	79.88
H	19.89	41.27	12.79	16.07	37.59	0.49	76.71
H	18.63	10.35	39.31	16.07	38.00	0.49	77.55
H	27.99	28.69	5.73	16.08	37.50	0.49	76.53
H	12.74	29.45	36.99	16.10	37.52	0.50	75.04
H	39.58	35.56	21.40	16.11	37.58	0.49	76.69
H	12.75	12.63	36.76	16.12	37.39	0.48	77.90
H	9.50	17.08	35.10	16.15	37.71	0.49	76.96
H	18.43	10.98	17.20	16.15	38.33	0.49	78.22
H	34.31	9.00	28.16	16.15	37.28	0.49	76.08
H	21.35	28.03	43.01	16.16	37.34	0.49	76.20
H	33.66	18.71	41.05	16.16	36.95	0.50	73.90
H	22.21	16.27	43.90	16.16	37.43	0.49	76.39
H	38.83	20.48	34.32	16.21	37.33	0.49	76.18
H	30.12	22.27	43.43	16.23	37.06	0.50	74.12

H	21.79	28.20	5.61	16.24	37.60	0.49	76.73
H	13.62	13.39	18.44	16.26	38.04	0.49	77.63
H	12.73	37.69	15.49	16.30	37.55	0.49	76.63
H	32.60	34.14	8.11	16.34	37.46	0.50	74.92
H	28.95	24.23	43.77	16.37	37.26	0.49	76.04
H	22.56	7.48	19.67	16.37	37.84	0.49	77.22
H	35.19	10.85	33.98	16.38	37.35	0.50	74.70
H	37.60	34.94	12.99	16.44	37.17	0.49	75.86
H	8.95	27.56	32.13	16.45	37.80	0.49	77.14
H	21.63	8.39	38.73	16.46	37.54	0.49	76.61
H	14.24	40.00	27.29	16.55	37.64	0.49	76.82
H	11.46	9.95	28.07	16.61	38.08	0.49	77.71
H	26.98	44.02	15.25	16.61	37.79	0.50	75.58
H	29.88	42.05	30.22	16.61	37.03	0.49	75.57
H	40.43	29.66	27.73	16.68	37.91	0.48	78.98
H	12.70	17.26	40.50	16.69	37.36	0.49	76.24
H	15.21	35.57	9.78	16.71	37.37	0.49	76.27
H	34.86	19.58	11.68	16.72	38.47	0.48	80.15
H	25.04	30.24	42.56	16.73	37.35	0.49	76.22
H	19.89	15.41	12.82	16.74	37.66	0.49	76.86
H	20.21	26.38	44.10	16.75	37.18	0.49	75.88
H	32.24	30.70	39.38	16.76	37.24	0.50	74.48
H	19.46	11.15	41.31	16.76	37.66	0.49	76.86
H	40.46	34.25	24.80	16.76	37.39	0.50	74.78
H	35.73	41.61	22.47	16.78	36.97	0.49	75.45
H	16.01	26.66	7.49	16.78	37.98	0.49	77.51
H	8.84	27.14	17.15	16.78	38.19	0.48	79.56
H	24.30	17.73	8.89	16.80	37.97	0.49	77.49
H	22.77	6.44	36.62	16.82	37.64	0.48	78.42
H	20.15	40.64	10.61	16.83	37.88	0.49	77.31
H	31.57	7.26	23.31	16.83	37.96	0.49	77.47
H	37.94	26.71	11.00	16.83	37.36	0.50	74.72
H	13.81	8.52	33.65	16.83	37.64	0.49	76.82
H	22.75	34.93	38.25	16.85	37.60	0.50	75.20
H	18.49	5.60	24.61	16.89	37.91	0.48	78.98
H	16.79	28.82	41.96	16.90	36.79	0.49	75.08
H	19.51	42.06	30.46	16.91	37.32	0.50	74.64
H	11.07	38.08	18.96	16.92	37.66	0.50	75.32
H	10.71	24.64	38.90	16.95	37.68	0.50	75.36
H	10.74	31.50	32.29	16.97	37.59	0.49	76.71
H	7.15	20.65	24.72	16.98	37.84	0.49	77.22
H	16.47	6.08	25.59	16.99	38.15	0.49	77.86
H	13.29	34.84	10.72	17.02	37.23	0.49	75.98
H	29.82	10.66	16.65	17.03	38.51	0.49	78.59
H	39.15	17.43	22.39	17.06	38.02	0.49	77.59
H	10.06	36.18	25.33	17.07	37.79	0.49	77.12
H	34.81	20.64	41.52	17.08	36.75	0.50	73.50
H	20.52	44.21	15.56	17.13	37.53	0.49	76.59
H	36.99	14.57	37.13	17.14	36.96	0.50	73.92
H	18.91	14.55	43.65	17.15	37.28	0.49	76.08
H	14.36	18.25	13.01	17.19	38.86	0.47	82.68
H	40.22	35.39	17.02	17.23	37.54	0.49	76.61
H	13.40	38.82	13.62	17.24	37.57	0.49	76.67
H	41.34	26.78	16.48	17.25	37.66	0.49	76.86
H	7.61	24.44	33.97	17.27	37.63	0.49	76.80
H	29.79	18.24	8.70	17.28	37.80	0.48	78.75
H	14.35	41.60	16.85	17.29	37.36	0.50	74.72
H	11.26	33.39	12.00	17.31	37.46	0.49	76.45
H	27.36	8.82	16.99	17.32	38.32	0.48	79.83
H	37.00	36.95	12.10	17.34	37.15	0.49	75.82
H	8.89	22.59	19.55	17.34	38.01	0.48	79.19
H	35.68	40.61	28.36	17.37	36.99	0.50	73.98

H	32.05	7.16	34.52	17.37	37.39	0.49	76.31
H	12.44	8.12	30.81	17.38	37.44	0.49	76.41
H	33.80	42.78	16.24	17.38	37.67	0.49	76.88
H	22.57	3.88	26.89	17.41	37.69	0.49	76.92
H	40.69	35.92	19.20	17.43	37.58	0.49	76.69
H	17.26	4.97	28.71	17.43	37.96	0.49	77.47
H	15.35	41.96	27.66	17.43	37.66	0.49	76.86
H	19.64	28.49	4.88	17.48	37.36	0.50	74.72
H	16.12	38.16	33.33	17.48	37.50	0.49	76.53
H	34.50	26.40	7.03	17.51	37.55	0.49	76.63
H	39.41	19.02	19.86	17.51	37.94	0.49	77.43
H	37.94	30.42	33.19	17.52	37.57	0.49	76.67
H	19.19	37.80	35.44	17.57	37.78	0.50	75.56
H	16.15	20.11	44.40	17.57	37.62	0.49	76.78
H	42.07	25.98	18.62	17.58	37.94	0.49	77.43
H	17.90	17.43	10.06	17.61	37.77	0.49	77.08
H	11.09	17.14	16.93	17.62	37.88	0.49	77.31
H	21.96	44.33	13.79	17.63	37.45	0.49	76.43
H	30.75	43.30	13.38	17.63	37.84	0.49	77.22
H	25.10	40.82	8.62	17.65	37.16	0.50	74.32
H	28.64	43.52	12.51	17.67	37.82	0.49	77.18
H	32.00	7.50	21.07	17.67	37.81	0.49	77.16
H	37.26	39.10	28.99	17.70	36.81	0.50	73.62
H	12.30	34.10	32.70	17.71	37.54	0.49	76.61
H	6.06	20.69	26.75	17.73	37.94	0.49	77.43
H	37.20	40.57	16.42	17.75	37.40	0.50	74.80
H	7.37	16.76	23.17	17.75	37.80	0.49	77.14
H	25.03	22.76	4.82	17.76	37.53	0.49	76.59
H	15.70	7.50	20.48	17.78	38.16	0.49	77.88
H	12.31	38.22	29.71	17.78	37.48	0.49	76.49
H	33.23	12.38	16.39	17.79	38.14	0.49	77.84
H	29.83	44.16	29.09	17.82	37.19	0.49	75.90
H	39.59	37.80	26.37	17.86	37.19	0.50	74.38
H	29.24	6.43	36.98	17.86	37.41	0.50	74.82
H	9.19	31.89	13.69	17.88	37.46	0.49	76.45
H	8.17	14.69	22.49	17.89	37.76	0.49	77.06
H	39.94	25.73	34.51	17.90	37.30	0.49	76.12
H	35.10	12.64	17.72	17.91	38.00	0.49	77.55
H	19.95	22.39	5.57	17.91	37.70	0.50	75.40
H	11.38	24.68	41.11	17.92	37.72	0.49	76.98
H	13.41	16.12	42.35	17.92	37.37	0.50	74.74
H	37.31	33.21	9.26	17.96	37.57	0.49	76.67
H	42.75	30.45	23.79	18.00	37.63	0.50	75.26
H	40.86	15.75	28.92	18.01	37.47	0.49	76.47
H	7.27	29.62	18.22	18.02	37.90	0.49	77.35
H	36.29	13.93	39.22	18.03	36.84	0.50	73.68
H	36.10	9.56	22.51	18.04	37.57	0.49	76.67
H	38.21	23.05	39.14	18.06	37.17	0.49	75.86
H	39.08	27.67	35.46	18.07	37.17	0.49	75.86
H	30.40	19.59	6.92	18.09	37.76	0.48	78.67
H	17.33	18.89	8.40	18.12	37.68	0.49	76.90
H	7.24	32.47	22.22	18.12	37.48	0.49	76.49
H	35.18	7.39	31.14	18.13	37.34	0.49	76.20
H	17.77	23.03	5.91	18.13	37.77	0.49	77.08
H	15.96	34.12	38.64	18.13	36.95	0.49	75.41
H	16.72	14.22	13.29	18.17	37.73	0.49	77.00
H	8.74	32.00	29.04	18.17	37.74	0.50	75.48
H	39.50	23.08	37.33	18.18	37.15	0.49	75.82
H	30.64	15.45	10.53	18.18	37.90	0.49	77.35
H	41.42	17.23	27.29	18.21	37.36	0.49	76.24
H	10.17	21.32	13.95	18.21	38.28	0.48	79.75
H	39.63	18.88	17.17	18.22	38.05	0.50	76.10

H	10.87	8.89	24.44	18.23	38.15	0.49	77.86
H	8.38	27.42	14.07	18.24	37.94	0.48	79.04
H	28.41	29.49	3.63	18.24	37.34	0.49	76.20
H	11.90	30.93	38.49	18.24	37.70	0.50	75.40
H	31.53	35.77	37.06	18.26	37.51	0.50	75.02
H	40.81	18.88	34.52	18.27	37.69	0.49	76.92
H	29.82	10.82	42.32	18.27	37.07	0.49	75.65
H	36.56	34.42	34.48	18.28	37.16	0.49	75.84
H	11.24	40.43	24.68	18.28	37.67	0.50	75.34
H	33.05	25.52	5.43	18.30	37.52	0.49	76.57
H	15.80	37.29	8.12	18.34	37.02	0.49	75.55
H	26.28	35.08	40.24	18.35	37.53	0.49	76.59
H	13.08	10.37	18.15	18.38	37.91	0.49	77.37
H	26.15	42.65	9.53	18.38	37.30	0.49	76.12
H	39.51	11.85	27.69	18.39	37.30	0.49	76.12
H	33.98	7.96	20.93	18.41	37.63	0.49	76.80
H	30.30	30.65	42.90	18.41	37.07	0.49	75.65
H	38.58	24.91	9.73	18.42	37.22	0.49	75.96
H	36.87	10.23	35.39	18.44	37.09	0.50	74.18
H	38.66	13.15	21.38	18.44	37.35	0.50	74.70
H	37.33	40.31	14.15	18.44	37.13	0.49	75.78
H	42.30	33.28	17.08	18.46	37.44	0.49	76.41
H	7.80	25.66	36.81	18.46	37.42	0.49	76.37
H	40.16	28.08	11.05	18.47	37.49	0.50	74.98
H	30.92	40.15	8.23	18.48	37.04	0.50	74.08
H	5.86	16.43	29.99	18.50	37.50	0.49	76.53
H	34.47	44.21	25.24	18.50	37.38	0.49	76.29
H	22.90	7.93	41.47	18.51	37.09	0.49	75.69
H	38.63	31.31	9.29	18.52	37.63	0.49	76.80
H	42.15	22.09	30.09	18.54	37.20	0.49	75.92
H	15.98	8.95	16.93	18.56	38.00	0.49	77.55
H	39.64	13.10	23.43	18.60	37.42	0.49	76.37
H	24.03	30.16	2.99	18.61	37.25	0.49	76.02
H	31.34	33.64	4.72	18.62	37.37	0.49	76.27
H	19.09	13.31	12.32	18.63	37.92	0.49	77.39
H	41.79	21.18	33.01	18.64	37.68	0.49	76.90
H	24.02	34.50	3.79	18.66	37.18	0.49	75.88
H	31.35	4.53	32.18	18.67	37.24	0.50	74.48
H	39.91	12.54	31.92	18.68	37.15	0.50	74.30
H	36.38	24.94	41.74	18.68	37.39	0.50	74.78
H	10.43	40.23	18.91	18.69	37.46	0.50	74.92
H	22.23	2.79	31.78	18.72	37.61	0.49	76.76
H	12.25	7.96	21.86	18.72	37.99	0.49	77.53
H	32.88	15.89	10.48	18.73	37.96	0.49	77.47
H	21.27	4.43	20.52	18.74	38.06	0.49	77.67
H	41.79	35.95	25.66	18.75	37.40	0.49	76.33
H	5.99	14.97	28.23	18.76	37.47	0.49	76.47
H	38.37	37.63	31.25	18.78	37.10	0.50	74.20
H	33.78	40.69	33.10	18.81	37.02	0.50	74.04
H	25.28	14.39	9.37	18.84	37.56	0.49	76.65
H	7.73	11.75	31.93	18.84	37.81	0.48	78.77
H	35.90	29.59	40.19	18.84	37.00	0.50	74.00
H	8.28	12.21	34.76	18.87	37.93	0.49	77.41
H	12.30	7.62	35.14	18.88	37.44	0.49	76.41
H	31.06	3.80	29.20	18.89	37.36	0.50	74.72
H	42.20	20.82	24.61	18.93	37.34	0.50	74.68
H	24.69	26.30	2.75	18.94	37.16	0.49	75.84
H	28.63	13.94	10.32	18.95	38.05	0.49	77.65
H	12.37	10.37	39.27	18.96	37.34	0.49	76.20
H	43.62	25.20	21.17	18.99	37.60	0.49	76.73
H	35.50	44.60	20.79	19.02	37.46	0.49	76.45
H	25.94	4.45	37.35	19.02	37.25	0.49	76.02

H	6.05	27.62	25.54	19.03	37.94	0.49	77.43
H	9.81	11.43	19.94	19.03	37.95	0.49	77.45
H	12.36	5.91	30.20	19.08	37.20	0.49	75.92
H	15.25	29.28	43.64	19.08	37.01	0.49	75.53
H	6.87	29.71	31.46	19.09	37.33	0.50	74.66
H	4.93	19.75	31.82	19.09	37.44	0.49	76.41
H	42.76	28.72	14.59	19.10	37.37	0.49	76.27
H	16.64	5.45	20.29	19.11	37.82	0.49	77.18
H	17.36	35.91	38.97	19.12	36.90	0.49	75.31
H	40.33	40.16	22.37	19.14	37.09	0.49	75.69
H	23.49	2.03	27.91	19.16	37.79	0.49	77.12
H	29.06	41.39	7.70	19.16	37.05	0.50	74.10
H	24.24	5.45	17.58	19.19	37.94	0.49	77.43
H	33.10	21.67	5.63	19.22	37.42	0.49	76.37
H	35.39	28.97	5.37	19.23	37.22	0.49	75.96
H	39.12	16.86	16.20	19.25	38.00	0.50	76.00
H	18.99	5.26	18.62	19.35	38.09	0.49	77.73
H	35.42	12.66	41.40	19.36	37.31	0.49	76.14
H	35.57	39.03	8.96	19.37	37.04	0.49	75.59
H	7.25	28.94	35.30	19.39	37.57	0.50	75.14
H	17.73	39.50	35.99	19.40	37.94	0.50	75.88
H	24.35	2.02	31.64	19.41	37.33	0.49	76.18
H	29.15	8.65	42.38	19.43	37.04	0.50	74.08
H	10.14	38.72	29.26	19.45	37.25	0.49	76.02
H	17.70	32.38	3.84	19.46	37.23	0.50	74.46
H	30.13	36.50	38.69	19.46	37.39	0.50	74.78
H	42.50	18.80	33.00	19.47	37.41	0.49	76.35
H	42.36	34.64	15.01	19.48	37.40	0.49	76.33
H	22.66	3.00	21.63	19.48	38.06	0.49	77.67
H	10.22	14.29	16.28	19.49	37.91	0.49	77.37
H	14.01	20.87	7.48	19.49	37.40	0.48	77.92
H	39.42	9.84	26.52	19.50	37.27	0.50	74.54
H	14.91	32.35	5.17	19.52	37.40	0.50	74.80
H	43.50	34.73	23.07	19.53	37.50	0.50	75.00
H	39.87	10.47	30.91	19.54	37.18	0.50	74.36
H	6.82	36.09	20.38	19.60	37.29	0.50	74.58
H	26.94	41.98	35.90	19.62	37.22	0.50	74.44
H	34.47	5.04	25.50	19.64	37.51	0.49	76.55
H	12.56	31.63	6.56	19.65	37.25	0.50	74.50
H	35.75	35.08	6.34	19.66	37.10	0.49	75.71
H	6.03	33.46	24.02	19.66	37.46	0.50	74.92
H	6.02	30.39	16.46	19.68	37.77	0.49	77.08
H	43.84	31.20	26.57	19.68	37.62	0.50	75.24
H	34.65	10.53	41.00	19.70	37.12	0.49	75.76
H	42.57	33.97	28.74	19.72	37.41	0.50	74.82
H	15.97	6.11	38.71	19.73	37.29	0.49	76.10
H	38.78	15.98	40.22	19.76	36.90	0.50	73.80
H	34.73	41.71	10.21	19.76	37.04	0.50	74.08
H	20.92	42.82	8.21	19.77	37.36	0.49	76.24
H	24.38	43.46	34.81	19.82	37.20	0.50	74.40
H	14.15	12.62	43.72	19.84	37.47	0.50	74.94
H	7.91	21.78	14.18	19.85	38.28	0.49	78.12
H	17.68	28.46	3.04	19.88	37.21	0.49	75.94
H	41.77	29.68	10.94	19.88	37.62	0.49	76.78
H	37.13	33.55	36.53	19.90	36.71	0.49	74.92
H	10.70	10.18	18.24	19.91	37.95	0.49	77.45
H	35.39	13.80	13.52	19.92	37.76	0.49	77.06
H	14.15	34.73	39.62	19.93	37.11	0.50	74.22
H	22.79	21.41	3.14	19.93	37.39	0.49	76.31
H	28.46	33.44	43.53	19.93	37.12	0.50	74.24
H	22.10	17.70	5.18	19.95	37.41	0.49	76.35
H	40.83	39.62	26.95	19.97	36.92	0.50	73.84

H	19.38	10.50	12.23	19.98	37.41	0.49	76.35
H	35.21	21.04	6.20	20.00	37.40	0.49	76.33
H	19.88	2.08	33.12	20.00	37.54	0.50	75.08
H	14.17	9.31	15.56	20.01	37.99	0.49	77.53
H	24.80	6.54	14.96	20.01	37.91	0.49	77.37
H	4.38	17.64	32.46	20.02	37.37	0.49	76.27
H	36.02	40.43	33.48	20.03	37.29	0.50	74.58
H	23.93	42.01	36.54	20.05	37.29	0.50	74.58
H	30.81	13.45	9.98	20.06	38.06	0.49	77.67
H	37.57	30.91	39.31	20.07	37.11	0.49	75.73
H	28.30	38.65	4.36	20.08	36.93	0.50	73.86
H	43.59	18.87	29.99	20.08	37.38	0.49	76.29
H	23.37	39.19	4.43	20.08	37.20	0.49	75.92
H	10.89	42.57	25.46	20.10	37.64	0.49	76.82
H	21.85	5.89	41.55	20.14	37.04	0.49	75.59
H	16.44	14.02	10.80	20.14	37.87	0.49	77.29
H	5.41	13.10	26.09	20.14	37.50	0.49	76.53
H	14.96	36.92	6.05	20.15	37.14	0.50	74.28
H	29.75	1.99	27.22	20.16	37.24	0.49	76.00
H	21.83	26.58	1.71	20.19	37.46	0.50	74.92
H	29.89	26.25	2.09	20.21	37.48	0.49	76.49
H	43.02	25.67	32.38	20.21	37.40	0.49	76.33
H	22.28	30.39	1.55	20.22	37.30	0.49	76.12
H	21.09	39.03	4.52	20.23	37.13	0.50	74.26
H	25.20	6.56	42.47	20.23	36.91	0.49	75.33
H	4.26	26.49	26.39	20.26	37.90	0.49	77.35
H	13.65	6.26	37.95	20.27	36.97	0.49	75.45
H	12.41	40.35	32.49	20.29	37.36	0.50	74.72
H	25.37	36.18	2.59	20.33	37.15	0.50	74.30
H	5.55	22.77	37.65	20.35	37.37	0.49	76.27
H	14.18	41.71	32.98	20.36	37.35	0.50	74.70
H	9.09	34.71	32.86	20.36	37.63	0.49	76.80
H	37.07	6.37	24.47	20.37	37.43	0.49	76.39
H	44.02	22.04	24.06	20.37	37.11	0.49	75.73
H	19.88	44.45	33.50	20.37	37.52	0.49	76.57
H	15.07	2.69	29.10	20.40	37.53	0.49	76.59
H	36.68	5.72	31.56	20.40	37.31	0.49	76.14
H	8.47	17.02	41.51	20.40	37.55	0.49	76.63
H	36.91	24.24	43.84	20.43	37.29	0.50	74.58
H	11.31	10.96	41.23	20.44	37.40	0.49	76.33
H	6.33	13.02	35.65	20.45	37.60	0.49	76.73
H	26.78	37.27	40.87	20.49	37.30	0.49	76.12
H	19.32	41.94	6.84	20.52	37.54	0.49	76.61
H	29.92	41.74	36.68	20.55	37.26	0.50	74.52
H	32.99	33.63	3.18	20.61	37.42	0.50	74.84
H	42.80	14.59	24.53	20.61	37.53	0.50	75.06
H	25.12	12.12	9.26	20.68	37.71	0.49	76.96
H	29.86	2.09	33.65	20.70	36.99	0.49	75.49
H	4.08	23.81	22.45	20.70	37.65	0.49	76.84
H	42.39	35.23	30.69	20.72	37.51	0.50	75.02
H	39.35	37.94	33.30	20.72	37.08	0.50	74.16
H	8.88	30.12	39.97	20.73	37.10	0.50	74.20
H	37.16	33.47	5.42	20.74	37.29	0.49	76.10
H	42.16	32.00	32.67	20.75	37.38	0.50	74.76
H	26.71	2.36	36.86	20.78	37.30	0.49	76.12
H	33.68	38.62	37.63	20.79	37.09	0.50	74.18
H	12.58	19.11	7.90	20.79	37.39	0.49	76.31
H	26.11	3.15	18.47	20.80	37.99	0.49	77.53
H	3.61	21.66	23.07	20.83	37.66	0.49	76.86
H	8.45	30.95	8.99	20.85	36.74	0.49	74.98
H	5.53	17.59	18.88	20.89	37.32	0.50	74.64
H	24.80	15.81	5.13	20.90	37.62	0.49	76.78

H	8.97	8.02	35.61	20.96	37.63	0.50	75.26
H	29.61	31.32	1.20	21.01	37.21	0.49	75.94
H	8.13	39.89	27.41	21.02	37.09	0.49	75.69
H	42.14	40.92	21.13	21.04	37.40	0.50	74.80
H	38.83	28.25	41.35	21.04	36.79	0.50	73.58
H	4.58	24.96	18.01	21.04	37.61	0.49	76.76
H	3.98	28.35	23.25	21.06	37.70	0.49	76.94
H	20.90	1.81	20.75	21.07	38.01	0.49	77.57
H	26.47	7.64	12.65	21.08	37.80	0.49	77.14
H	4.84	25.83	15.92	21.10	37.54	0.49	76.61
H	34.20	28.68	2.54	21.12	37.04	0.49	75.59
H	5.51	10.91	25.37	21.12	37.48	0.49	76.49
H	7.48	35.37	31.40	21.13	37.65	0.50	75.30
H	13.94	7.97	41.88	21.14	37.04	0.49	75.59
H	27.42	37.62	2.48	21.14	37.03	0.50	74.06
H	18.55	16.02	5.89	21.17	37.35	0.49	76.22
H	4.75	35.07	20.98	21.18	37.48	0.50	74.96
H	40.29	17.43	41.19	21.19	36.89	0.50	73.78
H	28.69	0.84	32.14	21.24	37.13	0.49	75.78
H	41.68	10.75	32.89	21.24	36.93	0.50	73.86
H	9.83	29.95	42.09	21.26	37.27	0.50	74.54
H	39.54	43.86	17.89	21.28	37.52	0.49	76.57
H	41.05	25.80	40.01	21.30	37.56	0.50	75.12
H	8.42	20.04	43.37	21.30	37.19	0.49	75.90
H	5.48	15.33	19.19	21.30	37.51	0.50	75.02
H	11.65	30.31	4.93	21.33	37.22	0.50	74.44
H	11.89	12.67	44.19	21.35	37.39	0.49	76.31
H	34.38	6.27	39.53	21.36	36.77	0.50	73.54
H	10.92	43.41	14.71	21.40	37.07	0.50	74.14
H	39.88	17.02	11.58	21.44	37.25	0.50	74.50
H	20.54	40.97	38.63	21.46	37.10	0.50	74.20
H	5.03	29.31	35.44	21.48	37.29	0.50	74.58
H	14.48	9.16	43.81	21.48	37.10	0.50	74.20
H	20.59	10.31	10.29	21.49	37.65	0.49	76.84
H	6.89	32.03	10.37	21.49	37.02	0.49	75.55
H	8.10	38.75	12.66	21.50	37.18	0.50	74.36
H	40.34	8.46	23.63	21.52	37.46	0.49	76.45
H	27.65	20.11	2.01	21.52	36.96	0.49	75.43
H	17.32	26.79	1.51	21.52	37.28	0.49	76.08
H	41.34	11.88	36.65	21.52	36.95	0.50	73.90
H	24.34	13.77	6.11	21.52	37.52	0.49	76.57
H	20.22	35.83	43.97	21.55	37.24	0.50	74.48
H	13.68	42.00	8.74	21.58	36.90	0.49	75.31
H	4.75	11.21	31.39	21.59	37.62	0.49	76.78
H	32.02	26.45	1.25	21.59	37.40	0.49	76.33
H	44.21	28.30	31.32	21.60	37.30	0.49	76.12
H	8.13	42.08	19.02	21.61	37.45	0.50	74.90
H	40.79	11.41	19.58	21.64	36.94	0.49	75.39
H	41.37	13.41	38.37	21.66	37.08	0.50	74.16
H	26.27	4.56	42.30	21.71	37.07	0.49	75.65
H	10.74	3.78	27.36	21.72	37.54	0.49	76.61
H	40.07	9.43	20.47	21.72	37.16	0.50	74.32
H	41.77	20.11	10.81	21.73	37.13	0.50	74.26
H	7.42	7.24	32.23	21.73	37.03	0.50	74.06
H	29.44	35.52	43.91	21.78	37.10	0.50	74.20
H	31.63	7.66	13.45	21.78	37.71	0.49	76.96
H	36.65	22.76	4.11	21.81	36.92	0.50	73.84
H	6.85	22.52	42.42	21.85	36.92	0.49	75.35
H	12.39	35.19	41.00	21.88	37.09	0.50	74.18
H	4.39	16.11	37.55	21.88	37.30	0.50	74.60
H	36.00	9.24	14.95	21.89	37.34	0.50	74.68
H	43.20	22.68	38.38	21.90	37.14	0.49	75.80

H	9.66	37.67	8.62	21.91	36.77	0.50	73.54
H	2.99	27.53	25.18	21.92	38.00	0.49	77.55
H	43.87	16.70	21.23	21.93	37.56	0.50	75.12
H	11.31	38.91	7.65	21.94	37.04	0.50	74.08
H	34.44	2.32	25.36	21.94	37.36	0.49	76.24
H	44.56	18.87	20.77	21.97	37.52	0.49	76.57
H	12.15	42.68	10.33	21.97	37.04	0.50	74.08
H	39.55	20.77	43.79	21.99	37.04	0.50	74.08
H	3.46	28.80	32.63	22.00	37.16	0.50	74.32
H	16.96	20.67	2.70	22.00	37.61	0.49	76.76
H	41.98	9.52	24.75	22.02	37.49	0.49	76.51
H	44.22	21.41	13.80	22.02	37.47	0.49	76.47
H	34.41	7.09	41.68	22.02	36.77	0.50	73.54
H	41.02	43.72	23.70	22.04	37.22	0.50	74.44
H	44.31	23.66	12.26	22.05	37.50	0.49	76.53
H	13.75	24.81	2.95	22.06	37.10	0.49	75.71
H	43.81	29.53	10.04	22.08	37.45	0.50	74.90
H	20.82	33.90	0.44	22.09	37.27	0.50	74.54
H	8.16	24.89	7.66	22.13	37.24	0.50	74.48
H	22.68	22.53	0.41	22.14	37.57	0.49	76.67
H	33.49	8.92	12.94	22.15	37.48	0.50	74.96
H	5.68	37.43	14.68	22.22	37.29	0.50	74.58
H	42.82	27.18	38.15	22.22	37.39	0.50	74.78
H	37.89	12.68	13.29	22.23	37.30	0.49	76.12
H	2.40	22.63	34.82	22.24	37.34	0.49	76.20
H	41.18	21.53	42.32	22.26	37.15	0.49	75.82
H	43.89	35.99	12.26	22.27	36.96	0.49	75.43
H	40.20	6.32	30.20	22.27	37.07	0.49	75.65
H	2.50	18.30	22.34	22.27	37.67	0.50	75.34
H	17.78	0.10	24.40	22.28	37.66	0.49	76.86
H	7.51	15.34	42.73	22.28	37.63	0.50	75.26
H	29.14	42.30	4.30	22.29	37.05	0.49	75.61
H	13.17	11.40	11.50	22.30	37.66	0.50	75.32
H	13.33	1.45	30.01	22.33	37.28	0.49	76.08
H	17.48	37.61	2.41	22.35	37.28	0.50	74.56
H	40.11	38.12	7.99	22.36	36.79	0.50	73.58
H	39.06	27.47	43.53	22.36	37.06	0.49	75.63
H	6.78	41.01	25.94	22.36	37.29	0.49	76.10
H	7.84	8.79	38.34	22.36	37.14	0.49	75.80
H	26.67	40.59	40.44	22.37	37.31	0.50	74.62
H	3.47	30.43	30.99	22.37	37.03	0.50	74.06
H	17.77	13.94	6.39	22.38	37.18	0.49	75.88
H	38.92	26.83	4.09	22.41	37.55	0.50	75.10
H	11.01	37.17	37.85	22.42	37.24	0.50	74.48
H	44.14	34.02	11.15	22.42	37.08	0.49	75.67
H	19.68	1.90	39.35	22.45	37.10	0.50	74.20
H	7.84	5.29	27.60	22.46	37.40	0.50	74.80
H	14.20	43.13	35.06	22.47	37.39	0.50	74.78
H	6.03	26.22	9.67	22.48	37.01	0.49	75.53
H	10.27	36.32	6.27	22.49	36.67	0.49	74.84
H	41.09	39.23	9.76	22.53	36.87	0.49	75.24
H	43.28	31.08	34.45	22.53	37.35	0.50	74.70
H	28.96	0.45	21.47	22.53	37.52	0.49	76.57
H	29.79	19.58	1.53	22.54	37.11	0.49	75.73
H	35.13	6.13	16.29	22.54	37.38	0.50	74.76
H	11.69	2.28	25.59	22.58	37.39	0.49	76.31
H	9.97	23.93	5.33	22.60	37.22	0.50	74.44
H	29.88	1.77	38.39	22.62	37.03	0.50	74.06
H	21.09	4.08	13.97	22.63	37.56	0.49	76.65
H	7.70	22.70	44.52	22.64	37.07	0.49	75.65
H	38.03	9.01	15.95	22.65	37.29	0.50	74.58
H	17.76	38.49	41.95	22.68	36.86	0.49	75.22

H	1.10	19.75	30.26	22.70	37.35	0.49	76.22
H	38.19	5.29	21.26	22.71	37.14	0.49	75.80
H	5.77	38.29	29.08	22.72	37.19	0.50	74.38
H	41.67	43.40	16.61	22.74	37.56	0.50	75.12
H	39.31	19.69	6.36	22.76	37.43	0.50	74.86
H	3.71	32.02	14.02	22.78	37.30	0.50	74.60
H	13.26	1.84	22.52	22.79	37.37	0.49	76.27
H	3.42	29.76	14.17	22.79	37.34	0.50	74.68
H	30.23	1.20	19.70	22.81	37.44	0.49	76.41
H	16.70	2.57	39.77	22.81	37.01	0.50	74.02
H	1.80	14.69	29.27	22.84	37.42	0.49	76.37
H	13.02	2.70	20.40	22.84	37.44	0.49	76.41
H	4.09	22.40	40.34	22.89	37.15	0.49	75.82
H	4.49	15.86	39.85	22.90	36.97	0.49	75.45
H	6.62	33.18	38.02	22.91	37.23	0.49	75.98
H	2.77	32.82	25.73	22.95	37.35	0.50	74.70
H	4.38	35.65	14.06	22.95	37.11	0.49	75.73
H	12.50	9.39	12.35	22.95	37.40	0.50	74.80
H	12.46	3.18	37.35	22.96	37.27	0.49	76.06
H	11.69	27.72	2.81	22.97	37.10	0.50	74.20
H	42.38	8.56	33.01	22.98	36.92	0.50	73.84
H	21.25	15.92	2.82	23.00	37.43	0.49	76.39
H	33.82	39.36	39.94	23.01	37.16	0.50	74.32
H	35.63	33.39	44.04	23.05	36.94	0.49	75.39
H	40.01	5.31	32.26	23.06	37.27	0.50	74.54
H	15.99	0.16	22.97	23.07	37.65	0.49	76.84
H	39.62	4.50	27.72	23.08	37.29	0.49	76.10
H	17.84	22.65	0.42	23.10	37.53	0.49	76.59
H	18.93	3.54	14.39	23.12	37.44	0.49	76.41
H	0.78	23.91	26.82	23.14	37.59	0.49	76.71
H	41.77	30.96	5.76	23.14	37.04	0.49	75.59
H	9.65	15.06	10.82	23.18	37.15	0.49	75.82
H	32.17	2.05	38.57	23.19	37.11	0.50	74.22
H	19.41	42.89	39.10	23.21	37.37	0.50	74.74
H	39.60	34.19	39.36	23.22	36.92	0.50	73.84
H	4.71	11.61	19.12	23.25	37.30	0.50	74.60
H	1.01	19.38	23.73	23.26	37.54	0.49	76.61
H	39.35	38.87	36.79	23.27	36.83	0.50	73.66
H	2.15	12.42	29.61	23.27	37.34	0.49	76.20
H	5.22	24.15	10.09	23.28	37.37	0.49	76.27
H	13.79	18.53	3.85	23.28	37.19	0.49	75.90
H	43.38	18.04	40.68	23.33	36.90	0.49	75.31
H	34.73	21.04	1.80	23.34	36.93	0.50	73.86
H	42.29	19.73	8.60	23.44	37.23	0.50	74.46
H	5.99	38.58	11.87	23.44	37.06	0.50	74.12
H	39.58	42.37	33.82	23.45	37.13	0.50	74.26
H	16.89	39.84	2.50	23.45	37.19	0.50	74.38
H	39.33	6.97	38.76	23.46	36.85	0.50	73.70
H	10.95	14.35	9.41	23.48	37.33	0.49	76.18
H	42.59	25.93	41.71	23.51	37.41	0.50	74.82
H	0.32	23.43	29.83	23.52	37.59	0.49	76.71
H	1.56	29.26	19.27	23.52	37.43	0.49	76.39
H	35.69	0.95	28.71	23.52	37.29	0.50	74.58
H	16.34	0.36	20.39	23.54	37.52	0.49	76.57
H	10.77	33.14	44.19	23.54	37.59	0.50	75.18
H	40.78	11.34	41.43	23.55	36.87	0.50	73.74
H	16.31	9.71	9.36	23.56	37.60	0.49	76.73
H	2.95	33.20	28.76	23.60	37.17	0.50	74.34
H	23.12	40.21	42.51	23.61	37.33	0.50	74.66
H	1.45	24.50	35.75	23.61	37.23	0.49	75.98
H	31.39	11.14	7.16	23.64	37.33	0.50	74.66
H	13.58	0.73	34.88	23.67	37.47	0.50	74.94

H	1.50	16.88	35.64	23.68	37.42	0.50	74.84
H	42.87	40.83	31.29	23.69	37.10	0.49	75.71
H	36.48	2.84	20.62	23.73	37.34	0.49	76.20
H	28.69	13.01	4.18	23.73	36.98	0.49	75.47
H	9.84	10.29	44.47	23.73	36.82	0.49	75.14
H	41.38	15.70	10.44	23.74	37.37	0.50	74.74
H	27.66	41.54	1.67	23.75	36.83	0.49	75.16
H	32.44	37.65	43.33	23.79	37.04	0.50	74.08
H	34.98	42.04	4.49	23.80	37.01	0.50	74.02
H	41.28	37.55	6.57	23.81	36.84	0.50	73.68
H	6.12	5.85	33.47	23.82	37.35	0.50	74.70
H	3.31	11.45	20.97	23.83	37.35	0.50	74.70
H	27.89	42.48	40.80	23.83	37.43	0.50	74.86
H	13.01	23.00	1.73	23.84	37.38	0.50	74.76
H	36.38	40.29	4.05	23.84	36.88	0.50	73.76
H	27.90	8.80	8.60	23.87	37.41	0.49	76.35
H	6.75	43.71	25.51	23.89	37.49	0.49	76.51
H	44.12	15.69	15.76	23.90	37.22	0.49	75.96
H	34.77	1.88	19.83	23.90	37.34	0.49	76.20
H	5.04	29.13	41.31	23.95	36.82	0.49	75.14
H	8.61	37.89	6.57	23.96	36.85	0.50	73.70
H	2.41	36.63	23.55	23.97	37.43	0.50	74.86
H	41.22	20.86	5.78	23.97	37.34	0.49	76.20
H	5.88	5.44	25.25	24.00	37.44	0.50	74.88
H	8.12	31.38	4.63	24.00	37.84	0.49	77.22
H	44.16	38.97	31.72	24.01	36.91	0.50	73.82
H	38.00	21.64	2.65	24.02	37.17	0.50	74.34
H	5.86	11.43	41.46	24.06	36.96	0.50	73.92
H	35.00	10.87	8.93	24.08	37.41	0.50	74.82
H	3.12	25.21	12.01	24.09	37.31	0.50	74.62
H	16.34	0.73	18.12	24.11	37.80	0.49	77.14
H	0.70	15.99	33.70	24.12	37.76	0.49	77.06
H	31.47	3.55	14.05	24.12	37.28	0.49	76.08
H	14.69	37.29	1.43	24.12	37.22	0.49	75.96
H	39.30	5.09	37.49	24.13	36.89	0.50	73.78
H	14.27	6.72	11.67	24.15	37.08	0.50	74.16
H	42.17	34.12	37.68	24.20	36.97	0.50	73.94
H	27.27	3.35	44.54	24.20	37.21	0.49	75.94
H	8.84	40.57	35.19	24.20	37.10	0.49	75.71
H	43.51	15.38	13.56	24.22	37.36	0.50	74.72
H	23.06	40.16	0.21	24.24	37.13	0.50	74.26
H	44.06	43.41	18.55	24.24	37.17	0.50	74.34
H	35.61	35.65	43.93	24.24	37.12	0.50	74.24
H	11.17	39.18	38.91	24.25	37.11	0.50	74.22
H	41.15	26.83	3.56	24.26	37.37	0.49	76.27
H	41.38	44.30	12.61	24.29	37.10	0.50	74.20
H	24.24	0.85	15.25	24.30	37.73	0.49	77.00
H	6.10	7.93	18.19	24.34	37.23	0.50	74.46
H	2.79	19.24	16.24	24.34	37.49	0.49	76.51
H	5.35	35.32	36.22	24.39	36.99	0.50	73.98
H	24.10	1.34	42.79	24.41	37.34	0.50	74.68
H	43.50	8.43	22.16	24.41	37.45	0.49	76.43
H	3.48	17.21	15.45	24.42	37.12	0.49	75.76
H	21.72	43.90	2.59	24.45	37.36	0.50	74.72
H	25.10	7.57	8.28	24.46	37.29	0.49	76.10
H	7.53	15.75	10.32	24.48	37.13	0.49	75.78
H	34.97	43.06	38.74	24.50	36.94	0.50	73.88
H	35.25	4.81	14.45	24.51	37.37	0.50	74.74
H	42.78	32.93	5.22	24.51	36.79	0.49	75.08
H	8.05	41.86	33.50	24.51	37.13	0.49	75.78
H	13.37	3.11	15.60	24.51	36.79	0.50	73.58
H	0.76	32.22	19.67	24.52	37.58	0.49	76.69

H	16.16	40.08	42.32	24.57	36.96	0.50	73.92
H	18.56	15.32	1.99	24.57	37.34	0.49	76.20
H	3.26	22.98	11.55	24.58	36.99	0.49	75.49
H	10.41	2.98	38.40	24.58	37.05	0.49	75.61
H	42.23	5.04	29.24	24.59	37.28	0.50	74.56
H	1.91	36.28	25.76	24.62	37.26	0.50	74.52
H	14.20	12.82	6.13	24.65	37.33	0.49	76.18
H	3.16	7.59	26.95	24.67	37.48	0.49	76.49
H	29.87	1.97	14.35	24.68	37.42	0.49	76.37
H	38.11	4.65	17.19	24.71	37.45	0.50	74.90
H	1.16	22.31	18.38	24.75	37.39	0.49	76.31
H	29.64	13.88	2.31	24.76	36.87	0.49	75.24
H	11.18	35.37	44.53	24.76	37.51	0.50	75.02
H	6.96	3.36	32.61	24.77	37.22	0.49	75.96
H	1.68	31.00	34.33	24.79	37.31	0.50	74.62
H	4.37	7.74	20.75	24.80	37.36	0.50	74.72
H	37.83	0.77	27.89	24.83	37.24	0.50	74.48
H	37.01	3.96	40.60	24.87	36.80	0.50	73.60
H	43.10	12.24	15.82	24.88	37.21	0.49	75.94
H	0.24	22.61	36.79	24.89	37.03	0.49	75.57
H	11.24	26.65	0.86	24.89	37.24	0.49	76.00
H	9.59	0.65	28.76	24.91	37.59	0.49	76.71
H	0.57	12.67	24.30	25.00	37.52	0.50	75.04
H	3.68	39.13	29.64	25.02	37.15	0.50	74.30
H	5.02	14.83	13.16	25.02	37.22	0.50	74.44
H	37.37	16.17	3.82	25.02	37.04	0.50	74.08
H	42.24	36.31	4.96	25.09	37.03	0.50	74.06
H	25.93	2.82	11.54	25.13	37.44	0.50	74.88
H	35.02	19.05	0.63	25.15	37.07	0.49	75.65
H	13.63	39.31	1.67	25.17	37.13	0.49	75.78
H	8.18	9.77	12.29	25.21	37.50	0.49	76.53
H	24.96	44.42	41.32	25.23	37.21	0.50	74.42
H	7.54	20.41	5.27	25.26	37.32	0.50	74.64
H	27.06	11.89	2.86	25.26	36.95	0.49	75.41
H	41.81	5.09	35.74	25.26	36.91	0.50	73.82
H	11.09	12.61	7.91	25.28	37.24	0.50	74.48
H	13.40	16.65	2.59	25.28	36.98	0.49	75.47
H	30.61	40.75	43.08	25.30	37.42	0.50	74.84
H	1.55	36.32	15.50	25.33	37.05	0.49	75.61
H	2.55	40.58	20.77	25.35	37.36	0.50	74.72
H	38.28	0.63	31.51	25.36	37.38	0.50	74.76
H	13.47	1.54	40.98	25.38	36.90	0.49	75.31
H	41.73	43.12	34.11	25.40	36.89	0.50	73.78
H	41.06	10.16	13.58	25.45	37.40	0.50	74.80
H	0.27	34.94	21.24	25.45	37.40	0.50	74.80
H	5.38	29.28	44.35	25.50	36.86	0.50	73.72
H	30.56	9.72	5.51	25.51	37.38	0.49	76.29
H	8.36	32.12	2.45	25.51	37.64	0.49	76.82
H	1.09	28.21	38.09	25.52	37.10	0.50	74.20
H	0.26	23.96	17.08	25.56	37.50	0.49	76.53
H	11.05	3.21	15.48	25.57	36.83	0.50	73.66
H	19.94	10.43	4.42	25.58	37.05	0.49	75.61
H	13.14	44.22	4.85	25.63	37.24	0.50	74.48
H	4.79	44.52	23.25	25.65	37.15	0.50	74.30
H	4.22	35.19	7.86	25.65	37.07	0.50	74.14
H	25.88	4.61	9.06	25.69	37.43	0.50	74.86
H	44.06	13.28	42.20	25.75	36.93	0.50	73.86
H	8.68	0.37	30.85	25.75	37.32	0.49	76.16
H	42.00	9.78	42.65	25.75	36.77	0.51	72.10
H	38.60	44.09	5.87	25.80	36.92	0.50	73.84
H	4.56	42.44	13.49	25.84	36.90	0.49	75.31
H	7.40	36.93	40.97	25.84	37.06	0.50	74.12

H	4.48	19.19	9.02	25.84	37.10	0.49	75.71
H	16.48	8.88	7.00	25.85	37.65	0.49	76.84
H	24.20	14.12	0.23	25.86	37.18	0.49	75.88
H	34.10	38.72	44.46	25.86	37.00	0.50	74.00
H	18.50	43.66	1.33	25.91	37.09	0.50	74.18
H	42.52	44.43	10.66	25.91	37.16	0.50	74.32
H	2.22	9.25	36.84	25.92	37.10	0.50	74.20
H	6.06	6.29	40.39	25.93	37.30	0.50	74.60
H	7.91	44.45	9.79	25.97	36.72	0.49	74.94
H	39.27	4.37	40.84	26.00	37.13	0.50	74.26
H	4.12	23.06	7.07	26.00	37.20	0.50	74.40
H	37.37	8.08	10.73	26.02	36.93	0.50	73.86
H	7.44	18.15	5.47	26.04	37.59	0.50	75.18
H	0.96	31.11	36.54	26.05	37.18	0.50	74.36
H	2.79	42.02	18.05	26.07	37.10	0.50	74.20
H	12.40	2.44	42.78	26.09	36.93	0.49	75.37
H	40.34	39.69	39.59	26.12	36.80	0.49	75.10
H	32.89	15.97	0.18	26.12	37.03	0.49	75.57
H	31.52	14.28	0.80	26.13	37.04	0.49	75.59
H	36.15	0.34	38.25	26.13	36.88	0.50	73.76
H	11.68	41.97	39.76	26.14	36.95	0.50	73.90
H	43.47	30.78	42.76	26.17	36.65	0.49	74.80
H	4.36	9.69	15.15	26.18	37.11	0.49	75.73
H	0.84	10.11	35.01	26.19	36.99	0.50	73.98
H	40.52	1.22	31.43	26.26	37.39	0.49	76.31
H	38.47	9.71	9.52	26.27	37.07	0.50	74.14
H	13.54	1.68	14.14	26.29	36.78	0.50	73.56
H	36.12	9.49	7.53	26.31	37.08	0.50	74.16
H	7.49	4.89	41.41	26.31	37.05	0.50	74.10
H	5.50	25.30	4.15	26.32	37.23	0.50	74.46
H	4.56	41.96	31.71	26.34	37.46	0.50	74.92
H	38.74	14.38	4.29	26.34	37.31	0.50	74.62
H	39.22	0.48	23.55	26.35	37.20	0.50	74.40
H	5.28	27.53	4.03	26.36	37.36	0.50	74.72
H	9.14	16.55	4.34	26.37	37.64	0.50	75.28
H	8.48	7.53	11.85	26.40	37.22	0.50	74.44
H	39.04	4.38	15.11	26.43	37.61	0.50	75.22
H	3.71	40.04	32.57	26.47	37.06	0.50	74.12
H	43.65	5.93	36.99	26.49	37.05	0.50	74.10
H	6.78	1.41	33.83	26.54	37.11	0.50	74.22
H	2.33	42.21	24.93	26.55	37.08	0.50	74.16
H	3.17	12.01	42.81	26.61	36.88	0.50	73.76
H	2.18	5.49	27.08	26.66	37.66	0.49	76.86
H	1.19	28.52	9.43	26.68	37.62	0.49	76.78
H	4.78	14.02	11.12	26.70	36.94	0.50	73.88
H	8.46	38.89	41.51	26.71	37.02	0.50	74.04
H	1.01	8.23	22.95	26.71	37.47	0.49	76.47
H	19.10	2.87	9.63	26.73	37.22	0.50	74.44
H	10.63	40.79	41.42	26.85	36.62	0.50	73.24
H	8.58	1.43	38.70	26.85	36.92	0.49	75.35
H	29.26	5.31	7.61	26.86	37.30	0.50	74.60
H	0.19	37.98	16.55	26.89	37.25	0.49	76.02
H	7.93	43.55	6.87	26.90	36.97	0.49	75.45
H	2.15	28.11	43.11	26.90	36.73	0.50	73.46
H	12.21	4.77	10.51	26.97	37.24	0.50	74.48
H	38.09	37.79	44.21	26.99	36.79	0.50	73.58
H	39.70	36.13	44.34	27.00	36.80	0.50	73.60
H	9.88	1.26	40.54	27.03	36.94	0.49	75.39
H	43.27	5.33	18.75	27.03	37.05	0.50	74.10
H	3.31	8.13	16.52	27.03	36.86	0.50	73.72
H	18.59	42.98	43.74	27.05	37.07	0.50	74.14
H	8.69	0.17	20.40	27.07	37.42	0.50	74.84

H	39.29	1.25	18.90	27.08	37.48	0.49	76.49
H	1.43	20.14	43.97	27.09	37.04	0.50	74.08
H	31.96	42.46	43.88	27.12	37.06	0.50	74.12
H	41.92	16.57	4.21	27.13	36.81	0.50	73.62
H	1.58	6.10	33.09	27.14	37.35	0.50	74.70
H	4.21	4.06	20.54	27.14	37.26	0.50	74.52
H	31.43	5.95	7.46	27.15	37.14	0.50	74.28
H	1.63	35.43	35.65	27.21	37.02	0.50	74.04
H	0.41	17.82	42.26	27.22	37.07	0.50	74.14
H	3.65	20.86	6.52	27.25	37.08	0.50	74.16
H	9.37	21.30	0.43	27.28	36.90	0.49	75.31
H	2.33	4.48	31.61	27.28	36.99	0.50	73.98
H	33.27	0.96	44.19	27.29	37.21	0.50	74.42
H	42.26	8.25	13.30	27.29	37.15	0.50	74.30
H	14.18	11.21	3.50	27.38	37.22	0.49	75.96
H	20.21	10.97	1.27	27.39	36.86	0.49	75.22
H	22.30	43.91	44.20	27.39	37.24	0.50	74.48
H	26.82	9.53	2.12	27.40	36.97	0.49	75.45
H	42.39	5.07	16.64	27.41	37.06	0.50	74.12
H	0.87	33.66	9.34	27.44	37.00	0.49	75.51
H	3.05	40.76	10.12	27.46	37.13	0.49	75.78
H	2.96	37.02	7.30	27.47	37.17	0.50	74.34
H	35.54	4.12	10.58	27.48	37.02	0.50	74.04
H	4.08	40.60	8.10	27.50	37.11	0.49	75.73
H	3.14	29.78	4.83	27.50	37.09	0.50	74.18
H	9.74	43.05	3.56	27.54	37.23	0.50	74.46
H	43.75	14.13	7.62	27.58	36.83	0.50	73.66
H	42.93	1.42	27.56	27.59	37.30	0.50	74.60
H	39.76	38.66	0.32	27.68	36.80	0.50	73.60
H	42.63	30.33	0.26	27.69	36.79	0.49	75.08
H	2.27	8.12	40.37	27.72	36.86	0.50	73.72
H	18.84	9.43	2.59	27.76	36.86	0.49	75.22
H	0.25	11.65	17.13	27.76	37.39	0.49	76.31
H	43.82	4.12	19.86	27.78	37.01	0.49	75.53
H	2.20	18.96	8.95	27.80	37.01	0.49	75.53
H	2.25	42.81	13.75	27.80	36.90	0.50	73.80
H	1.82	28.32	6.05	27.85	36.93	0.50	73.86
H	9.70	15.08	2.66	27.87	37.50	0.50	75.00
H	5.73	40.71	37.79	27.88	36.73	0.50	73.46
H	10.19	0.94	14.87	27.91	37.09	0.50	74.18
H	38.94	42.99	41.14	27.96	36.79	0.50	73.58
H	23.28	3.83	6.63	27.97	37.55	0.50	75.10
H	22.92	9.56	1.24	28.02	36.78	0.49	75.06
H	42.53	42.39	4.45	28.03	36.64	0.50	73.28
H	2.07	37.84	35.06	28.06	37.32	0.50	74.64
H	14.05	0.27	12.42	28.12	36.83	0.50	73.66
H	43.62	17.89	3.47	28.16	36.78	0.50	73.56
H	0.38	37.37	10.78	28.17	37.05	0.50	74.10
H	43.34	40.40	3.56	28.21	36.78	0.50	73.56
H	5.55	39.67	39.83	28.25	36.73	0.50	73.46
H	8.20	6.55	9.97	28.28	37.43	0.50	74.86
H	15.79	5.84	6.12	28.31	37.10	0.50	74.20
H	17.44	1.27	9.40	28.33	37.11	0.50	74.22
H	41.44	37.10	43.92	28.36	36.55	0.50	73.10
H	4.32	1.68	35.79	28.42	37.08	0.50	74.16
H	3.35	2.45	21.94	28.43	37.44	0.50	74.88
H	0.34	42.79	23.95	28.44	37.44	0.49	76.41
H	4.01	0.61	28.27	28.46	37.14	0.50	74.28
H	4.19	35.28	44.00	28.59	37.40	0.49	76.33
H	30.24	7.11	3.47	28.69	37.23	0.50	74.46
H	4.08	39.07	4.74	28.70	37.06	0.50	74.12
H	7.83	42.08	2.72	28.70	36.98	0.50	73.96

H	43.13	36.41	0.65	28.71	36.72	0.50	73.44
H	3.81	4.44	16.28	28.75	37.09	0.50	74.18
H	2.96	34.73	3.99	28.76	37.02	0.50	74.04
H	21.18	3.01	6.37	28.79	37.64	0.50	75.28
H	0.48	27.22	44.51	28.80	36.92	0.50	73.84
H	2.74	3.06	36.69	28.86	37.10	0.49	75.71
H	44.54	36.44	41.43	28.87	37.02	0.50	74.04
H	43.58	0.50	24.70	28.95	37.22	0.50	74.44
H	2.70	32.55	3.38	28.97	36.88	0.49	75.27
H	14.00	4.59	6.82	29.02	37.23	0.50	74.46
H	9.27	6.73	7.94	29.02	37.21	0.50	74.42
H	36.82	44.44	42.91	29.03	36.73	0.50	73.46
H	2.73	1.13	30.15	29.04	37.16	0.50	74.32
H	43.77	3.10	39.56	29.17	37.25	0.50	74.50
H	1.22	6.22	39.64	29.17	36.78	0.50	73.56
H	11.29	8.75	5.23	29.20	36.82	0.49	75.14
H	0.39	13.21	44.27	29.21	36.78	0.49	75.06
H	41.94	5.27	12.16	29.24	36.97	0.49	75.45
H	36.77	0.37	12.61	29.30	37.39	0.50	74.78
H	39.07	40.81	44.49	29.51	36.81	0.50	73.62
H	1.69	37.73	39.27	29.54	37.09	0.50	74.18
H	5.93	13.47	4.88	29.56	37.02	0.50	74.04
H	2.37	26.16	2.55	29.62	37.50	0.49	76.53
H	43.87	3.66	41.77	29.80	37.36	0.49	76.24
H	5.18	36.89	0.66	29.88	37.58	0.49	76.69
H	5.41	11.92	6.47	29.89	37.18	0.50	74.36
H	27.71	5.35	3.09	29.94	37.29	0.49	76.10
H	34.84	7.45	2.83	30.03	36.85	0.50	73.70
H	4.44	16.94	2.98	30.09	36.82	0.50	73.64
H	10.42	3.24	8.35	30.11	36.95	0.50	73.90
H	43.50	4.21	13.53	30.11	36.91	0.50	73.82
H	41.75	44.14	41.34	30.18	36.90	0.50	73.80
H	9.43	9.52	4.12	30.25	36.63	0.49	74.76
H	36.25	3.21	7.70	30.26	36.98	0.50	73.96
H	30.37	1.83	6.24	30.29	37.18	0.50	74.36
H	3.84	2.23	15.74	30.29	36.83	0.50	73.66
H	40.84	10.09	3.73	30.30	37.12	0.50	74.24
H	25.83	0.70	6.29	30.33	37.20	0.50	74.40
H	39.17	11.24	1.19	30.37	36.92	0.50	73.84
H	36.28	0.18	10.40	30.48	37.07	0.50	74.14
H	37.08	10.05	0.68	30.53	36.90	0.50	73.80
H	1.53	0.81	33.87	30.56	37.23	0.50	74.46
H	4.52	2.32	43.11	30.57	36.56	0.50	73.12
H	0.39	1.48	31.97	30.70	36.97	0.50	73.94
H	43.76	41.86	42.01	30.73	36.94	0.50	73.88
H	3.04	40.04	2.98	30.85	37.00	0.50	74.00
H	35.12	8.35	0.75	30.85	36.85	0.50	73.70
H	1.11	24.23	2.45	30.88	37.47	0.50	74.94
H	5.45	0.37	42.44	30.95	36.52	0.50	73.04
H	43.51	11.74	3.47	30.99	36.99	0.50	73.98
H	32.48	1.09	6.61	31.03	36.94	0.50	73.88
H	0.75	12.39	9.58	31.05	36.78	0.50	73.56
H	2.41	42.13	38.24	31.09	37.21	0.50	74.42
H	42.78	9.32	4.71	31.28	37.02	0.50	74.04
H	2.32	20.50	1.45	31.37	37.08	0.50	74.16
H	2.46	9.79	8.38	31.43	36.84	0.49	75.18
H	0.90	1.73	19.00	31.45	37.02	0.49	75.55
H	41.07	3.98	8.67	31.52	37.19	0.50	74.38
H	2.35	16.20	3.50	31.54	36.67	0.50	73.34
H	21.23	3.58	2.04	31.92	37.40	0.49	76.33
H	2.80	3.77	11.82	31.93	36.59	0.49	74.67
H	34.87	4.09	3.72	32.01	36.81	0.50	73.62

H	0.46	43.34	36.19	32.06	37.23	0.50	74.46
H	37.01	4.89	3.65	32.17	37.08	0.50	74.16
H	2.89	7.56	8.01	32.26	36.80	0.49	75.10
H	9.50	2.48	6.43	32.26	36.88	0.50	73.76
H	2.46	40.27	1.31	32.36	36.91	0.50	73.82
H	26.00	0.06	4.11	32.39	37.19	0.50	74.38
H	42.92	5.74	6.98	32.63	37.08	0.50	74.16
H	7.92	9.94	0.96	32.68	37.01	0.50	74.02
H	18.25	3.90	1.28	32.75	37.33	0.49	76.18
H	25.15	3.04	1.19	32.80	37.10	0.50	74.20
H	14.87	1.00	4.13	32.89	37.15	0.50	74.30
H	1.26	4.64	10.37	33.28	36.81	0.50	73.62
H	10.95	6.49	0.68	33.58	37.07	0.49	75.65
H	41.59	0.62	8.91	33.60	37.24	0.50	74.48
H	37.02	0.96	5.18	33.67	36.85	0.50	73.70
H	3.96	2.03	8.32	34.14	36.94	0.50	73.88
H	11.84	4.46	1.11	34.26	36.95	0.49	75.41
H	32.09	2.74	0.39	34.29	37.24	0.50	74.48
H	0.49	41.41	0.99	34.35	37.11	0.50	74.22
H	4.44	5.30	4.58	34.61	36.91	0.50	73.82
H	41.55	1.05	6.65	34.70	37.30	0.50	74.60
H	0.04	13.37	2.32	35.04	37.00	0.50	74.00
H	2.43	6.43	4.83	35.11	36.93	0.50	73.86
H	41.03	4.76	1.12	35.37	37.00	0.50	74.00
H	4.18	9.12	0.67	35.41	36.67	0.50	73.34
H	39.02	3.89	0.45	35.51	37.18	0.50	74.36
H	7.59	3.53	1.97	35.75	36.88	0.49	75.27
H	2.86	0.06	8.47	35.83	36.83	0.50	73.66
H	3.15	1.54	5.58	36.55	37.15	0.50	74.30
H	2.21	8.09	1.36	36.78	36.76	0.50	73.52
H	8.26	1.41	1.48	36.91	36.88	0.49	75.27
H	43.22	1.90	3.31	37.24	36.85	0.50	73.70
H	2.73	6.08	0.67	38.01	36.84	0.50	73.68
H	42.30	0.96	1.43	38.44	36.76	0.50	73.52
H	2.00	2.41	2.87	38.51	36.89	0.50	73.78
H	0.83	4.90	1.34	39.10	36.66	0.50	73.32

[a]distance to the nearest electron spin.

Table S4. Coordinates and polarizations calculated for the second bTbK conformation

	x / Å	y / Å	z / Å	d^A / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	23.84	28.61	20.00				
e	25.24	20.54	28.75				
H	22.95	28.17	17.88	2.34	68.67	0.27	254.33
H	25.09	18.21	28.42	2.36	73.65	0.23	320.22
H	25.13	22.89	29.25	2.40	71.23	0.26	273.96
H	24.66	29.89	21.91	2.44	66.53	0.28	237.61
H	23.06	19.98	29.73	2.45	71.71	0.26	275.81
H	21.34	28.57	20.51	2.55	66.42	0.30	221.40
H	27.71	20.36	27.74	2.68	71.43	0.27	264.56
H	26.37	28.00	19.19	2.72	68.09	0.30	226.97
H	23.24	21.66	30.36	2.80	71.02	0.26	273.15
H	26.90	21.80	26.88	2.80	71.48	0.27	264.74
H	26.78	18.19	27.81	2.97	72.89	0.24	303.71
H	25.03	23.28	27.48	3.03	70.66	0.28	252.36
H	24.15	28.55	23.01	3.03	66.65	0.28	238.04
H	21.64	27.23	21.77	3.14	66.28	0.31	213.81
H	21.30	27.55	18.30	3.23	67.12	0.29	231.45
H	24.22	25.35	19.60	3.31	65.40	0.32	204.38
H	27.16	28.90	20.63	3.40	67.65	0.30	225.50
H	22.42	20.45	26.82	3.41	68.42	0.30	228.07

H	25.19	31.60	20.99	3.43	66.12	0.28	236.14
H	23.94	19.15	25.86	3.46	69.75	0.28	249.11
H	22.57	26.34	17.69	3.48	67.72	0.29	233.52
H	25.48	17.71	26.66	3.53	72.67	0.25	290.68
H	25.95	28.99	22.82	3.55	66.53	0.28	237.61
H	25.86	25.84	20.91	3.55	66.09	0.31	213.19
H	21.79	21.29	29.32	3.57	70.42	0.27	260.81
H	23.61	23.72	28.54	3.58	70.44	0.27	260.89
H	20.67	26.89	20.28	3.61	65.83	0.31	212.35
H	27.52	20.38	25.93	3.63	70.33	0.28	251.18
H	27.30	27.07	20.45	3.82	66.98	0.31	216.06
H	25.74	26.43	22.56	3.86	65.74	0.31	212.06
H	22.34	22.20	26.75	3.90	67.28	0.31	217.03
H	22.51	24.92	20.19	3.92	64.34	0.33	194.97
H	25.37	19.80	24.88	3.94	69.73	0.28	249.04
H	22.06	30.35	23.30	4.13	61.79	0.34	181.74
H	27.96	23.59	29.44	4.14	62.06	0.36	172.39
H	28.11	17.94	30.93	4.45	47.97	0.53	90.51
H	21.28	23.09	28.97	4.71	69.48	0.28	248.14
H	25.18	28.01	15.37	4.86	49.06	0.51	96.20
H	19.56	30.98	19.76	4.90	53.11	0.46	115.46
H	27.50	29.92	16.86	5.00	46.31	0.55	84.20
H	21.82	16.83	28.02	5.10	50.55	0.50	101.10
H	23.41	24.39	25.74	5.21	62.87	0.36	174.64
H	21.38	24.50	22.68	5.49	60.48	0.38	159.16
H	23.37	21.23	33.88	5.50	44.92	0.55	81.67
H	20.69	17.90	30.61	5.58	50.44	0.50	100.88
H	20.09	31.20	16.72	5.61	47.71	0.52	91.75
H	22.37	29.58	25.38	5.66	60.26	0.37	162.86
H	24.83	24.45	24.54	5.76	62.71	0.36	174.19
H	28.64	18.03	24.84	5.76	52.74	0.48	109.88
H	21.40	22.60	24.92	5.80	62.17	0.37	168.03
H	26.56	23.41	21.03	5.96	60.15	0.39	154.23
H	21.65	25.17	24.38	5.98	60.72	0.37	164.11
H	26.35	21.12	34.61	5.99	43.60	0.57	76.49
H	25.22	26.28	30.48	5.99	49.34	0.51	96.75
H	23.17	22.81	21.72	6.08	61.66	0.37	166.65
H	19.14	25.20	21.90	6.11	56.78	0.42	135.19
H	24.08	23.14	17.24	6.13	50.98	0.49	104.04
H	23.25	16.43	32.87	6.15	44.75	0.56	79.91
H	30.41	22.94	31.17	6.20	47.59	0.54	88.13
H	24.48	22.23	22.83	6.20	61.48	0.37	166.16
H	25.12	33.91	23.07	6.26	45.30	0.54	83.89
H	24.44	29.46	13.77	6.31	47.61	0.53	89.83
H	19.96	16.91	28.70	6.41	50.27	0.50	100.54
H	29.37	27.66	23.26	6.49	50.90	0.48	106.04
H	28.78	15.87	31.60	6.51	45.92	0.56	82.00
H	18.48	28.18	23.70	6.53	51.77	0.47	110.15
H	26.42	28.80	26.01	6.55	55.71	0.43	129.56
H	26.71	26.64	26.73	6.59	55.73	0.43	129.60
H	31.84	20.50	29.29	6.63	45.23	0.57	79.35
H	23.26	17.29	23.31	6.64	46.31	0.55	84.20
H	19.03	26.54	15.92	6.64	45.54	0.55	82.80
H	31.40	18.65	30.50	6.68	44.94	0.57	78.84
H	31.58	19.50	26.38	6.85	46.67	0.56	83.34
H	21.63	14.69	28.88	6.87	49.73	0.51	97.51
H	21.44	22.09	23.18	6.91	61.80	0.37	167.03
H	29.66	29.66	15.94	7.17	43.81	0.58	75.53
H	23.11	35.06	16.92	7.19	41.80	0.58	72.07
H	31.07	22.08	24.81	7.21	46.50	0.55	84.55
H	21.47	34.03	15.62	7.36	41.95	0.59	71.10
H	16.49	28.80	19.70	7.36	45.03	0.56	80.41

H	20.03	29.24	13.59	7.48	43.21	0.58	74.50
H	28.10	22.55	18.49	7.56	55.43	0.44	125.98
H	23.32	26.62	32.86	7.59	43.64	0.58	75.24
H	30.09	25.47	23.03	7.63	50.84	0.49	103.76
H	30.96	30.98	21.76	7.70	42.16	0.60	70.27
H	18.47	24.39	29.02	7.79	43.84	0.57	76.91
H	31.27	17.22	32.56	7.87	43.64	0.58	75.24
H	26.95	12.81	29.40	7.95	41.56	0.60	69.27
H	17.85	26.25	24.75	8.00	51.00	0.48	106.25
H	29.17	15.01	24.52	8.00	45.32	0.56	80.93
H	20.25	35.28	22.77	8.06	41.03	0.61	67.26
H	19.50	25.27	14.07	8.07	44.97	0.55	81.76
H	24.79	14.65	22.90	8.31	43.95	0.58	75.78
H	26.80	36.45	21.10	8.45	41.03	0.61	67.26
H	29.70	25.50	33.96	8.46	41.53	0.60	69.22
H	25.12	25.31	12.30	8.47	42.40	0.60	70.67
H	20.74	21.29	35.89	8.48	41.46	0.59	70.27
H	17.49	22.84	19.75	8.59	47.74	0.53	90.08
H	22.70	20.41	17.74	8.59	46.95	0.54	86.94
H	26.02	11.89	27.51	8.78	41.42	0.60	69.03
H	20.72	15.00	33.94	8.83	42.38	0.60	70.63
H	30.94	20.00	35.52	8.87	41.72	0.60	69.53
H	15.08	27.68	21.13	8.88	45.26	0.57	79.40
H	20.65	23.56	35.75	8.90	41.36	0.60	68.93
H	17.34	30.64	14.16	8.97	41.93	0.59	71.07
H	30.13	33.46	24.17	8.97	41.12	0.60	68.53
H	17.68	22.54	22.54	9.01	48.34	0.52	92.96
H	24.52	23.21	37.46	9.14	41.00	0.61	67.21
H	28.73	32.48	13.29	9.16	41.53	0.61	68.08
H	25.61	18.11	37.57	9.16	40.51	0.62	65.34
H	17.10	18.83	24.69	9.26	42.27	0.60	70.45
H	16.09	19.31	29.61	9.27	42.09	0.59	71.34
H	24.99	27.11	10.89	9.30	42.19	0.59	71.51
H	21.00	31.16	28.50	9.31	41.65	0.60	69.42
H	31.66	28.08	14.96	9.32	42.51	0.60	70.85
H	22.28	37.54	22.29	9.35	40.76	0.61	66.82
H	31.93	22.05	35.13	9.37	41.81	0.60	69.68
H	30.97	34.46	21.71	9.38	41.01	0.61	67.23
H	32.46	30.26	23.35	9.40	42.02	0.60	70.03
H	16.12	33.77	21.50	9.40	40.77	0.60	67.95
H	22.22	21.31	14.27	9.42	43.38	0.57	76.11
H	29.58	25.22	13.33	9.43	41.59	0.60	69.32
H	29.13	30.42	12.37	9.46	41.56	0.61	68.13
H	18.45	21.29	17.27	9.49	46.61	0.54	86.31
H	28.95	28.33	33.00	9.62	41.18	0.60	68.63
H	15.63	21.20	27.65	9.69	42.21	0.60	70.35
H	20.91	15.73	21.47	9.74	42.05	0.60	70.08
H	25.91	15.86	37.36	9.82	40.27	0.62	64.95
H	23.04	35.19	27.33	9.88	41.13	0.60	68.55
H	29.35	11.70	26.56	9.99	41.27	0.61	67.66
H	18.39	24.72	34.74	10.01	41.34	0.60	68.90
H	16.29	34.00	23.87	10.05	40.58	0.61	66.52
H	27.34	32.72	28.56	10.11	41.70	0.60	69.50
H	31.57	16.51	35.53	10.12	41.98	0.60	69.97
H	32.82	27.05	30.35	10.12	40.41	0.61	66.25
H	16.45	15.49	27.26	10.24	41.59	0.60	69.32
H	21.77	38.10	16.71	10.26	40.46	0.62	65.26
H	20.27	11.61	29.69	10.26	41.17	0.60	68.62
H	18.04	27.63	30.66	10.28	40.54	0.59	68.71
H	17.43	34.29	14.32	10.28	41.02	0.61	67.25
H	33.18	21.40	22.25	10.30	43.37	0.60	72.28
H	22.95	29.45	33.39	10.30	41.60	0.60	69.33

H	20.56	33.39	28.52	10.30	41.36	0.60	68.93
H	14.03	29.18	16.60	10.39	41.78	0.59	70.81
H	28.92	31.08	28.81	10.47	41.54	0.60	69.23
H	22.25	11.14	25.02	10.54	40.95	0.61	67.13
H	25.15	36.05	27.35	10.55	41.07	0.60	68.45
H	24.93	26.42	37.59	10.62	40.79	0.61	66.87
H	22.98	24.71	38.27	10.64	40.95	0.61	67.13
H	28.90	17.65	19.16	10.66	41.79	0.61	68.51
H	15.03	34.50	18.64	10.68	40.85	0.61	66.97
H	31.19	33.29	26.17	10.68	41.06	0.61	67.31
H	34.85	16.99	31.78	10.68	41.25	0.61	67.62
H	14.94	28.44	26.17	10.83	41.96	0.59	71.12
H	22.34	11.03	33.16	10.87	40.93	0.61	67.10
H	26.63	37.22	13.93	10.90	40.37	0.62	65.11
H	16.94	13.40	28.11	10.96	41.56	0.60	69.27
H	34.90	29.21	19.62	11.09	40.32	0.62	65.03
H	33.34	25.54	15.16	11.09	42.15	0.60	70.25
H	28.99	19.50	39.16	11.12	40.72	0.61	66.75
H	14.22	18.91	28.29	11.15	42.05	0.60	70.08
H	25.54	28.99	36.04	11.16	40.86	0.61	66.98
H	25.66	33.07	9.93	11.17	40.71	0.62	65.66
H	22.83	16.67	18.53	11.19	42.05	0.60	70.08
H	26.30	39.49	21.05	11.20	40.35	0.61	66.15
H	19.62	35.42	12.08	11.27	40.78	0.61	66.85
H	30.24	12.02	34.20	11.28	40.70	0.62	65.65
H	15.25	17.50	24.35	11.33	42.26	0.60	70.43
H	28.90	36.88	14.06	11.38	40.14	0.62	64.74
H	12.57	29.45	18.41	11.41	41.95	0.59	71.10
H	31.69	16.95	20.03	11.43	41.73	0.61	68.41
H	30.94	37.52	18.63	11.47	40.07	0.61	65.69
H	24.39	19.51	13.04	11.47	42.53	0.59	72.08
H	14.02	22.64	20.73	11.52	43.95	0.57	77.11
H	16.15	24.29	34.80	11.54	41.19	0.60	68.65
H	30.14	13.17	21.32	11.56	41.56	0.61	68.13
H	17.54	24.32	11.29	11.57	41.34	0.60	68.90
H	33.10	21.67	20.01	11.58	43.22	0.59	73.25
H	35.97	24.71	30.19	11.60	40.70	0.61	66.72
H	35.45	19.42	34.14	11.60	41.03	0.61	67.26
H	20.34	24.78	9.60	11.62	41.23	0.61	67.59
H	28.32	38.68	23.67	11.62	40.49	0.61	66.38
H	32.32	11.83	25.70	11.64	40.98	0.61	67.18
H	20.55	31.70	9.25	11.66	40.41	0.61	66.25
H	32.68	11.58	29.08	11.66	40.72	0.61	66.75
H	15.16	35.63	16.62	11.66	40.85	0.61	66.97
H	16.88	17.51	36.30	11.66	40.65	0.62	65.56
H	34.22	28.08	28.82	11.73	40.53	0.61	66.44
H	22.30	36.95	11.87	11.75	40.41	0.62	65.18
H	21.06	39.88	17.98	11.78	40.36	0.61	66.16
H	17.00	14.29	34.46	11.82	40.74	0.61	66.79
H	35.29	14.79	31.21	11.85	41.01	0.61	67.23
H	14.89	28.34	12.16	11.90	40.85	0.61	66.97
H	13.52	21.92	27.12	11.91	41.95	0.60	69.92
H	34.56	14.41	24.52	11.93	41.10	0.61	67.38
H	29.23	20.24	13.38	11.96	41.37	0.60	68.95
H	23.46	39.84	15.83	11.98	40.61	0.61	66.57
H	20.26	18.16	39.42	12.01	40.47	0.62	65.27
H	18.01	14.78	21.06	12.02	42.02	0.60	70.03
H	15.21	34.50	26.04	12.07	40.39	0.61	66.21
H	24.86	39.14	14.16	12.08	40.52	0.62	65.35
H	35.51	25.49	24.56	12.14	40.66	0.61	66.66
H	37.24	21.62	27.25	12.15	40.83	0.62	65.85
H	16.34	28.20	32.12	12.21	40.55	0.59	68.73

H	12.58	33.06	21.61	12.22	40.52	0.61	66.43
H	36.82	24.02	26.99	12.22	40.78	0.61	66.85
H	24.17	8.37	28.82	12.22	40.78	0.61	66.85
H	32.82	34.49	14.10	12.25	40.01	0.62	64.53
H	33.25	15.50	20.98	12.25	41.38	0.61	67.84
H	19.87	29.65	8.45	12.25	40.41	0.61	66.25
H	30.21	23.78	10.70	12.27	41.25	0.61	67.62
H	32.77	22.15	14.36	12.38	42.16	0.61	69.11
H	26.04	8.24	30.09	12.40	40.77	0.61	66.84
H	27.43	12.90	19.23	12.40	41.73	0.60	69.55
H	28.65	26.32	39.18	12.40	40.24	0.61	65.97
H	26.61	18.99	41.09	12.51	40.54	0.61	66.46
H	36.30	16.90	24.15	12.53	40.89	0.62	65.95
H	19.09	9.68	30.08	12.55	40.83	0.61	66.93
H	21.77	30.03	36.20	12.55	41.03	0.60	68.38
H	37.05	20.58	33.03	12.57	40.69	0.61	66.70
H	35.22	33.83	18.79	12.58	40.59	0.61	66.54
H	34.43	34.50	16.52	12.61	40.33	0.62	65.05
H	30.58	17.94	17.62	12.61	41.79	0.61	68.51
H	14.74	33.85	12.86	12.69	40.89	0.61	67.03
H	27.62	18.36	13.54	12.69	41.67	0.60	69.45
H	33.58	35.71	23.97	12.69	40.94	0.61	67.11
H	16.76	12.30	33.40	12.70	40.86	0.61	66.98
H	31.85	30.14	33.88	12.74	40.60	0.61	66.56
H	13.90	20.65	19.58	12.74	43.69	0.57	76.65
H	19.83	39.85	24.61	12.80	40.73	0.61	66.77
H	36.46	29.67	18.05	12.82	40.25	0.62	64.92
H	21.55	9.12	24.09	12.88	41.01	0.61	67.23
H	21.11	9.10	32.99	12.88	40.87	0.61	67.00
H	36.46	26.55	26.36	12.95	40.57	0.61	66.51
H	15.92	19.07	37.66	12.98	40.51	0.62	65.34
H	25.09	13.97	17.56	12.98	41.73	0.60	69.55
H	34.36	22.16	15.97	12.98	42.08	0.61	68.98
H	26.89	40.30	15.24	12.98	40.58	0.61	66.52
H	23.12	9.17	22.81	13.01	40.89	0.61	67.03
H	18.57	19.64	39.92	13.04	40.45	0.62	65.24
H	29.88	10.89	21.25	13.07	41.75	0.61	68.44
H	24.30	10.00	21.05	13.09	40.94	0.61	67.11
H	28.51	13.79	39.49	13.10	40.33	0.62	65.05
H	28.97	32.73	31.82	13.12	40.78	0.61	66.85
H	24.84	33.40	7.82	13.13	40.66	0.62	65.58
H	26.54	33.17	32.20	13.16	40.91	0.61	67.07
H	33.10	37.92	19.23	13.16	40.22	0.61	65.93
H	13.57	21.84	34.71	13.16	40.82	0.61	66.92
H	37.42	24.43	31.93	13.18	40.62	0.61	66.59
H	25.44	37.31	10.16	13.23	40.27	0.62	64.95
H	15.93	22.66	11.21	13.24	41.15	0.61	67.46
H	26.42	21.26	9.24	13.28	41.22	0.60	68.70
H	30.40	9.80	34.63	13.29	40.52	0.62	65.35
H	22.46	14.86	17.04	13.31	42.09	0.60	70.15
H	15.83	12.99	23.05	13.34	41.42	0.61	67.90
H	26.70	35.74	9.08	13.35	40.70	0.62	65.65
H	27.68	40.88	23.66	13.36	40.36	0.61	66.16
H	18.65	30.81	34.23	13.38	40.73	0.60	67.88
H	24.59	13.02	39.92	13.48	40.22	0.62	64.87
H	11.70	34.58	20.13	13.52	40.41	0.61	66.25
H	16.73	34.99	29.60	13.54	40.71	0.61	66.74
H	15.27	36.68	26.74	13.56	40.41	0.61	66.25
H	23.43	21.09	42.21	13.59	40.15	0.62	64.76
H	13.07	29.70	28.27	13.62	41.16	0.60	68.60
H	34.57	10.64	30.02	13.66	40.62	0.62	65.52
H	30.93	30.79	8.52	13.67	40.32	0.62	65.03

H	23.22	11.53	38.85	13.68	40.42	0.61	66.26
H	20.92	14.89	40.49	13.73	40.35	0.61	66.15
H	38.82	17.99	28.72	13.82	40.47	0.62	65.27
H	25.14	27.00	6.32	13.84	40.61	0.62	65.50
H	32.06	9.16	24.79	13.85	40.68	0.61	66.69
H	26.42	8.50	35.52	13.87	40.13	0.62	64.73
H	30.60	8.00	26.14	13.89	40.64	0.62	65.55
H	10.45	26.66	23.14	13.89	40.88	0.61	67.02
H	34.53	28.36	35.56	13.92	40.29	0.62	64.98
H	13.18	22.04	13.91	13.93	40.91	0.61	67.07
H	30.28	27.91	7.61	13.98	40.27	0.62	64.95
H	35.38	16.26	37.43	14.02	40.62	0.61	66.59
H	17.95	36.92	29.65	14.03	41.03	0.60	68.38
H	31.61	26.03	39.99	14.04	40.53	0.62	65.37
H	18.88	11.02	36.88	14.04	40.61	0.62	65.50
H	12.83	26.90	30.51	14.05	40.88	0.60	68.13
H	13.20	25.79	11.24	14.06	40.73	0.61	66.77
H	18.33	17.72	12.98	14.08	40.97	0.61	67.16
H	12.61	30.33	11.63	14.10	40.55	0.61	66.48
H	13.25	26.83	32.77	14.12	40.86	0.60	68.10
H	11.84	18.08	25.01	14.13	41.65	0.60	69.42
H	22.52	19.60	9.15	14.17	40.94	0.60	68.23
H	30.64	33.84	8.71	14.18	40.29	0.62	64.98
H	34.51	12.62	36.03	14.20	40.45	0.61	66.31
H	33.31	36.03	12.45	14.21	40.21	0.62	64.85
H	17.91	24.57	7.71	14.23	41.29	0.61	67.69
H	11.51	21.41	32.46	14.25	40.82	0.61	66.92
H	18.87	14.14	39.81	14.27	40.40	0.61	66.23
H	20.22	35.19	7.83	14.30	40.45	0.62	65.24
H	27.10	30.76	38.58	14.31	40.66	0.61	66.66
H	35.53	26.61	36.64	14.32	40.20	0.62	64.84
H	25.86	32.60	36.45	14.32	40.68	0.61	66.69
H	23.87	41.95	25.27	14.34	40.84	0.62	65.87
H	20.97	8.92	36.01	14.35	40.91	0.61	67.07
H	32.58	18.80	41.02	14.41	40.06	0.61	65.67
H	16.42	16.29	18.16	14.42	41.63	0.61	68.25
H	14.81	11.53	24.48	14.42	41.22	0.61	67.57
H	9.88	28.67	16.34	14.43	41.21	0.61	67.56
H	15.00	39.51	23.39	14.43	40.22	0.62	64.87
H	28.56	24.26	42.39	14.52	40.22	0.62	64.87
H	16.60	31.87	32.16	14.52	40.69	0.61	66.70
H	25.77	38.15	30.81	14.55	40.51	0.61	66.41
H	27.11	25.86	6.07	14.57	40.54	0.61	66.46
H	36.26	32.77	26.45	14.61	40.11	0.62	64.69
H	31.07	37.91	28.66	14.62	40.56	0.61	66.49
H	14.81	21.07	38.99	14.62	40.73	0.62	65.69
H	25.87	41.70	26.32	14.68	40.60	0.61	66.56
H	20.73	22.52	42.58	14.68	40.23	0.62	64.89
H	27.30	19.11	9.33	14.70	41.20	0.60	68.67
H	33.76	9.43	33.36	14.74	40.43	0.62	65.21
H	9.95	27.46	24.95	14.79	40.88	0.61	67.02
H	11.55	35.80	24.08	14.81	40.34	0.61	66.13
H	26.04	42.41	14.98	14.85	40.21	0.61	65.92
H	35.07	31.91	10.85	14.86	40.30	0.62	65.00
H	30.08	14.17	41.31	14.90	40.29	0.62	64.98
H	20.99	33.71	6.27	14.92	40.76	0.62	65.74
H	29.01	22.11	43.11	14.93	40.21	0.62	64.85
H	25.34	43.46	20.49	14.93	40.37	0.61	66.18
H	33.09	35.72	29.41	14.99	40.33	0.62	65.05
H	22.11	21.61	6.85	14.99	40.74	0.61	66.79
H	19.71	42.05	25.23	15.00	40.69	0.61	66.70
H	18.04	21.82	41.84	15.00	40.48	0.62	65.29

H	27.52	29.73	5.48	15.02	40.24	0.62	64.90
H	23.48	35.18	33.59	15.10	40.52	0.62	65.35
H	38.88	28.88	21.28	15.10	40.22	0.62	64.87
H	33.80	20.72	41.19	15.11	40.09	0.62	64.66
H	38.42	13.27	27.40	15.12	40.53	0.62	65.37
H	34.79	20.70	13.20	15.12	41.78	0.61	68.49
H	40.18	18.77	27.08	15.14	40.53	0.61	66.44
H	9.25	25.06	22.00	15.14	41.04	0.61	67.28
H	38.62	26.06	17.88	15.15	40.45	0.62	65.24
H	14.62	40.58	21.36	15.17	40.06	0.62	64.61
H	19.34	11.03	18.43	15.22	40.61	0.61	66.57
H	39.12	14.67	30.98	15.24	40.19	0.62	64.82
H	16.92	12.02	38.32	15.28	40.60	0.61	66.56
H	33.82	32.75	9.14	15.32	40.34	0.62	65.06
H	18.31	6.90	28.14	15.32	40.47	0.61	66.34
H	15.14	23.11	39.99	15.33	40.64	0.62	65.55
H	15.15	29.50	7.39	15.33	40.31	0.62	65.02
H	23.49	15.89	43.27	15.35	40.40	0.61	66.23
H	15.68	40.20	14.05	15.37	40.14	0.62	64.74
H	10.09	22.32	22.97	15.41	41.30	0.60	68.83
H	27.42	43.59	20.53	15.41	40.39	0.61	66.21
H	10.12	19.27	25.95	15.42	41.43	0.60	69.05
H	21.37	35.99	33.34	15.45	40.47	0.61	66.34
H	16.78	41.64	15.45	15.50	40.09	0.62	64.66
H	35.26	14.53	38.96	15.52	40.40	0.62	65.16
H	32.36	35.36	8.92	15.52	40.23	0.62	64.89
H	19.71	43.58	20.08	15.52	40.14	0.61	65.80
H	26.41	29.54	41.36	15.54	40.10	0.61	65.74
H	32.13	29.64	39.29	15.54	40.42	0.62	65.19
H	20.95	9.44	18.66	15.60	40.37	0.61	66.18
H	26.52	15.54	11.90	15.62	41.40	0.61	67.87
H	32.38	33.03	34.82	15.62	40.37	0.61	66.18
H	11.10	15.46	33.11	15.64	40.52	0.62	65.35
H	29.71	39.53	10.44	15.66	40.23	0.62	64.89
H	13.36	19.03	13.32	15.69	41.09	0.61	67.36
H	28.01	7.23	36.58	15.69	40.05	0.62	64.60
H	30.56	42.64	17.90	15.70	40.13	0.62	64.73
H	28.75	15.90	12.20	15.70	41.26	0.61	67.64
H	33.68	26.25	7.99	15.70	40.44	0.61	66.30
H	30.03	6.25	33.19	15.71	40.33	0.62	65.05
H	38.16	20.74	19.77	15.74	40.79	0.62	65.79
H	10.03	24.68	28.80	15.76	40.57	0.61	66.51
H	19.78	27.17	41.97	15.77	40.41	0.62	65.18
H	22.75	39.43	31.56	15.86	40.39	0.61	66.21
H	37.58	26.78	12.28	15.87	40.21	0.62	64.85
H	9.55	22.72	29.85	15.88	40.77	0.60	67.95
H	25.37	16.80	44.19	15.89	40.55	0.61	66.48
H	18.97	15.65	12.21	15.89	40.89	0.61	67.03
H	15.83	16.54	13.44	15.90	40.70	0.61	66.72
H	13.88	12.02	35.93	15.91	40.61	0.61	66.57
H	21.09	29.02	41.56	15.91	40.47	0.62	65.27
H	14.19	16.03	18.22	15.92	41.52	0.60	69.20
H	18.56	14.39	15.13	15.93	40.89	0.61	67.03
H	37.50	36.23	23.20	15.97	40.19	0.61	65.89
H	39.35	18.45	21.50	16.00	40.67	0.62	65.60
H	30.28	5.43	30.24	16.00	40.45	0.62	65.24
H	39.50	25.33	19.85	16.00	40.34	0.62	65.06
H	11.01	32.23	28.89	16.02	40.60	0.61	66.56
H	27.42	4.68	27.42	16.06	40.50	0.62	65.32
H	10.46	14.25	27.71	16.09	40.73	0.61	66.77
H	8.62	24.48	16.71	16.11	41.23	0.61	67.59
H	40.44	20.52	34.10	16.12	40.68	0.62	65.61

H	37.90	30.50	29.51	16.13	40.02	0.62	64.55
H	31.55	22.95	7.00	16.15	40.31	0.62	65.02
H	9.41	19.19	31.65	16.15	40.82	0.62	65.84
H	18.74	32.47	37.55	16.18	40.68	0.61	66.69
H	16.30	7.41	32.03	16.22	40.81	0.61	66.90
H	18.27	6.45	32.77	16.23	40.72	0.61	66.75
H	11.14	25.26	10.42	16.26	40.52	0.61	66.43
H	39.80	30.67	22.37	16.27	40.01	0.61	65.59
H	11.44	33.55	10.69	16.27	40.42	0.62	65.19
H	13.25	31.86	8.02	16.31	40.19	0.61	65.89
H	34.60	8.86	22.26	16.32	40.48	0.61	66.36
H	31.60	24.90	6.13	16.33	40.39	0.62	65.15
H	37.12	34.72	27.27	16.33	39.99	0.62	64.50
H	19.67	41.17	29.61	16.35	40.28	0.62	64.97
H	17.63	6.84	24.05	16.36	40.83	0.61	66.93
H	33.42	13.49	16.40	16.41	40.18	0.61	65.87
H	34.31	18.96	11.82	16.42	41.76	0.61	68.46
H	36.02	11.77	37.52	16.43	40.51	0.62	65.34
H	18.30	42.30	12.76	16.44	40.25	0.62	64.92
H	40.06	19.10	35.86	16.50	40.56	0.61	66.49
H	15.79	7.44	25.30	16.51	40.72	0.61	66.75
H	9.51	32.04	12.54	16.51	40.47	0.61	66.34
H	15.20	10.69	37.42	16.52	40.43	0.62	65.21
H	11.67	38.54	14.86	16.52	40.21	0.62	64.85
H	23.09	23.76	4.14	16.60	40.53	0.62	65.37
H	17.82	35.90	33.66	16.61	40.35	0.61	66.15
H	39.04	33.07	14.96	16.62	40.12	0.61	65.77
H	7.96	23.79	18.78	16.64	40.89	0.61	67.03
H	20.34	29.26	3.74	16.64	40.08	0.62	64.65
H	37.96	24.06	38.92	16.66	40.25	0.62	64.92
H	38.26	17.04	38.56	16.68	40.33	0.62	65.05
H	10.63	13.36	32.44	16.69	40.52	0.62	65.35
H	14.86	37.34	8.95	16.70	40.29	0.62	64.98
H	16.16	16.86	10.95	16.70	40.69	0.61	66.70
H	12.83	9.65	31.38	16.72	40.48	0.62	65.29
H	13.80	27.19	6.70	16.72	40.05	0.61	65.66
H	23.34	33.86	38.75	16.76	40.61	0.61	66.57
H	18.73	13.98	42.73	16.76	40.39	0.61	66.21
H	35.51	14.12	17.14	16.78	40.37	0.61	66.18
H	37.91	21.91	39.67	16.79	40.18	0.62	64.81
H	40.20	25.96	34.10	16.79	39.99	0.62	64.50
H	10.69	15.04	22.42	16.79	41.09	0.62	66.27
H	13.03	36.18	9.60	16.80	40.14	0.62	64.74
H	7.69	27.47	24.53	16.81	40.69	0.61	66.70
H	26.06	39.67	32.49	16.83	40.46	0.61	66.33
H	11.83	12.72	35.28	16.84	40.45	0.62	65.24
H	17.24	23.37	43.32	16.86	40.20	0.61	65.90
H	34.00	6.14	28.59	16.86	40.19	0.62	64.82
H	39.65	30.09	14.33	16.86	40.11	0.62	64.69
H	39.20	27.99	34.58	16.87	40.37	0.62	65.11
H	21.30	26.91	43.88	16.88	40.21	0.62	64.85
H	39.27	11.50	26.21	16.89	40.45	0.62	65.24
H	12.96	29.64	35.98	16.91	40.44	0.61	66.30
H	21.17	4.56	24.90	16.93	40.63	0.61	66.61
H	18.64	41.70	10.60	16.93	40.07	0.61	65.69
H	13.51	41.90	18.05	16.94	40.04	0.62	64.58
H	30.35	44.24	21.08	16.96	40.42	0.61	66.26
H	34.31	40.93	25.14	16.97	40.40	0.62	65.16
H	24.11	41.31	8.71	16.99	39.86	0.62	64.29
H	37.81	24.84	11.08	17.00	40.49	0.62	65.31
H	7.35	31.23	23.25	17.01	40.77	0.61	66.84
H	35.28	7.86	34.03	17.01	40.35	0.62	65.08

H	40.25	12.71	30.53	17.03	40.18	0.62	64.81
H	9.32	36.34	24.46	17.04	40.25	0.61	65.98
H	7.84	27.88	14.13	17.05	40.90	0.61	67.05
H	15.43	19.16	42.65	17.07	40.36	0.62	65.10
H	25.03	31.27	42.07	17.10	40.38	0.61	66.20
H	13.18	40.85	25.46	17.13	40.03	0.61	65.62
H	24.18	30.80	3.01	17.13	40.14	0.62	64.74
H	13.51	8.10	29.83	17.13	40.49	0.62	65.31
H	12.76	39.95	13.41	17.17	40.02	0.62	64.55
H	41.40	22.56	23.31	17.18	40.52	0.62	65.35
H	39.98	14.14	22.63	17.20	40.31	0.61	66.08
H	10.83	39.54	17.18	17.22	39.97	0.62	64.47
H	8.49	17.18	31.03	17.23	40.57	0.61	66.51
H	12.08	16.61	39.17	17.25	40.27	0.61	66.02
H	35.75	25.19	41.62	17.25	40.13	0.62	64.73
H	29.38	15.58	10.14	17.25	41.27	0.61	67.66
H	22.64	3.56	30.44	17.26	40.33	0.61	66.11
H	14.94	9.55	20.29	17.27	40.73	0.62	65.69
H	27.87	30.36	3.30	17.27	40.29	0.62	64.98
H	39.19	14.53	20.53	17.28	40.50	0.61	66.39
H	38.66	37.39	21.58	17.30	40.18	0.62	64.81
H	42.41	20.46	30.86	17.30	40.40	0.61	66.23
H	17.35	31.11	39.95	17.30	40.24	0.61	65.97
H	7.41	32.16	15.83	17.32	40.46	0.61	66.33
H	31.50	16.44	10.32	17.34	41.40	0.61	67.87
H	31.57	32.50	4.97	17.35	40.56	0.62	65.42
H	36.85	33.32	9.54	17.35	40.40	0.62	65.16
H	23.73	15.55	8.54	17.38	40.51	0.61	66.41
H	23.25	35.18	3.89	17.41	40.23	0.62	64.89
H	8.14	21.30	21.77	17.41	41.16	0.61	67.48
H	25.78	42.51	9.68	17.41	39.77	0.62	64.15
H	6.90	32.18	18.05	17.41	40.33	0.61	66.11
H	21.38	5.54	20.78	17.42	40.13	0.61	65.79
H	11.84	26.55	38.23	17.47	40.40	0.62	65.16
H	32.49	31.82	39.96	17.48	40.49	0.62	65.31
H	36.86	37.72	12.66	17.50	39.91	0.62	64.37
H	20.35	6.59	19.37	17.51	40.28	0.61	66.03
H	39.16	20.71	16.90	17.51	40.67	0.62	65.60
H	38.24	36.06	13.31	17.54	40.17	0.62	64.79
H	37.21	10.14	21.24	17.55	40.35	0.62	65.08
H	33.75	22.34	6.93	17.56	40.48	0.61	66.36
H	20.37	3.73	30.27	17.57	40.42	0.62	65.19
H	23.90	5.10	37.04	17.57	39.97	0.62	64.47
H	23.03	41.66	31.78	17.60	40.35	0.61	66.15
H	6.33	30.30	21.41	17.64	40.81	0.61	66.90
H	31.02	40.16	8.71	17.67	40.01	0.62	64.53
H	33.12	8.13	38.58	17.69	39.97	0.62	64.47
H	42.17	16.94	25.05	17.70	40.31	0.62	65.02
H	9.00	21.09	35.82	17.71	40.62	0.61	66.59
H	26.93	10.22	43.05	17.72	40.24	0.62	64.90
H	29.34	43.36	28.18	17.74	40.37	0.62	65.11
H	34.21	13.73	42.45	17.74	40.12	0.62	64.71
H	22.53	3.16	26.15	17.78	40.73	0.61	66.77
H	9.82	11.69	29.31	17.79	40.61	0.61	66.57
H	39.99	30.45	27.23	17.79	40.11	0.62	64.69
H	18.61	43.09	28.95	17.80	40.10	0.61	65.74
H	9.26	21.13	13.04	17.80	40.49	0.62	65.31
H	32.72	43.48	15.83	17.82	39.93	0.61	65.46
H	29.34	44.42	13.83	17.84	39.95	0.62	64.44
H	9.48	18.49	16.70	17.87	41.11	0.61	67.39
H	17.99	32.45	3.55	17.87	40.42	0.62	65.19
H	16.05	5.22	29.41	17.87	40.54	0.61	66.46

H	16.88	37.98	33.59	17.91	40.41	0.61	66.25
H	12.18	14.77	17.93	17.91	41.40	0.60	69.00
H	8.80	15.39	23.73	17.94	40.94	0.61	67.11
H	39.32	37.62	19.00	17.94	40.10	0.62	64.68
H	37.01	34.43	30.76	17.98	40.03	0.62	64.56
H	13.67	31.08	37.64	17.99	40.38	0.61	66.20
H	41.23	27.14	15.53	18.02	40.52	0.62	65.35
H	26.94	6.93	40.46	18.04	40.06	0.62	64.61
H	12.45	25.97	40.34	18.09	40.43	0.62	65.21
H	19.87	37.19	35.45	18.11	40.56	0.61	66.49
H	14.50	17.97	8.70	18.11	40.14	0.61	65.80
H	13.86	25.42	5.22	18.11	40.32	0.61	66.10
H	37.55	33.26	32.67	18.13	40.04	0.62	64.58
H	15.94	7.49	20.24	18.14	40.72	0.61	66.75
H	35.03	42.46	23.60	18.17	40.42	0.62	65.19
H	21.78	35.51	38.46	18.17	40.61	0.61	66.57
H	13.19	34.75	33.45	18.22	40.52	0.61	66.43
H	18.36	29.34	2.62	18.24	40.15	0.61	65.82
H	41.22	12.71	32.77	18.24	40.22	0.62	64.87
H	23.77	7.31	16.26	18.26	40.13	0.61	65.79
H	35.95	15.22	42.56	18.27	40.28	0.62	64.97
H	10.17	10.88	25.00	18.28	40.61	0.62	65.50
H	40.37	36.06	17.65	18.29	40.09	0.62	64.66
H	36.53	6.25	26.84	18.31	39.95	0.62	64.44
H	42.48	26.24	26.34	18.32	40.15	0.62	64.76
H	33.61	9.23	40.53	18.35	40.05	0.62	64.60
H	42.78	16.44	32.27	18.36	40.03	0.61	65.62
H	32.09	44.13	25.34	18.37	40.52	0.62	65.35
H	8.71	33.07	29.45	18.38	40.80	0.62	65.81
H	28.49	8.67	42.48	18.44	40.12	0.62	64.71
H	38.84	18.71	15.85	18.45	40.66	0.62	65.58
H	15.19	33.43	4.42	18.45	40.32	0.62	65.03
H	39.21	17.78	40.50	18.46	40.52	0.62	65.35
H	9.36	29.48	32.01	18.51	40.33	0.62	65.05
H	15.17	38.88	7.26	18.52	39.91	0.62	64.37
H	13.82	42.96	26.08	18.52	40.05	0.61	65.66
H	27.76	3.68	21.49	18.53	40.35	0.62	65.08
H	22.43	30.68	1.58	18.59	40.16	0.61	65.84
H	12.33	8.43	34.51	18.61	40.15	0.62	64.76
H	18.37	22.66	3.23	18.61	40.31	0.61	66.08
H	42.40	28.01	18.59	18.63	40.48	0.62	65.29
H	25.25	8.51	14.52	18.63	40.19	0.61	65.89
H	28.49	2.16	28.84	18.66	40.36	0.61	66.16
H	28.14	2.31	31.71	18.70	40.51	0.62	65.34
H	30.36	36.44	37.15	18.70	39.86	0.62	64.29
H	30.25	31.71	42.89	18.70	40.34	0.62	65.06
H	13.61	44.04	17.18	18.72	40.10	0.62	64.68
H	26.42	10.78	12.81	18.73	40.33	0.61	66.11
H	41.68	31.79	24.74	18.73	40.24	0.62	64.90
H	6.63	21.02	26.60	18.74	41.08	0.61	67.34
H	28.49	43.56	30.30	18.74	40.08	0.62	64.65
H	25.62	5.34	17.80	18.74	40.15	0.61	65.82
H	19.82	12.46	11.35	18.76	40.46	0.61	66.33
H	29.37	2.88	33.55	18.76	40.17	0.61	65.85
H	42.16	27.42	33.09	18.78	39.91	0.62	64.37
H	35.26	36.14	7.13	18.79	40.55	0.62	65.40
H	24.78	3.23	36.06	18.80	40.24	0.62	64.90
H	17.64	11.68	13.99	18.81	40.81	0.61	66.90
H	36.30	42.22	16.18	18.84	40.15	0.61	65.82
H	39.39	25.03	40.36	18.85	40.28	0.62	64.97
H	29.43	4.32	20.09	18.86	40.13	0.61	65.79
H	26.38	21.19	2.83	18.88	40.57	0.62	65.44

H	23.41	13.31	8.90	18.91	40.45	0.61	66.31
H	25.52	35.78	39.95	18.91	40.12	0.61	65.77
H	16.26	23.53	3.42	18.92	40.29	0.61	66.05
H	43.58	25.21	29.05	18.93	40.46	0.61	66.33
H	35.10	29.14	4.77	18.95	40.21	0.61	65.92
H	11.51	32.35	34.37	18.96	40.38	0.62	65.13
H	27.53	39.10	4.64	18.97	40.11	0.62	64.69
H	41.49	22.71	38.32	18.99	40.04	0.62	64.58
H	18.02	17.98	5.37	19.00	40.60	0.61	66.56
H	16.59	27.14	44.36	19.02	39.99	0.62	64.50
H	15.67	7.39	38.65	19.04	40.41	0.62	65.18
H	31.96	34.37	3.75	19.06	40.49	0.61	66.38
H	34.56	13.79	13.56	19.06	39.98	0.62	64.48
H	14.49	18.83	6.57	19.06	40.21	0.61	65.92
H	36.24	24.62	43.78	19.07	40.27	0.62	64.95
H	7.18	21.51	14.00	19.07	40.72	0.61	66.75
H	41.04	10.47	32.33	19.08	40.13	0.62	64.73
H	23.72	27.84	0.90	19.12	40.14	0.62	64.74
H	11.49	15.69	41.17	19.15	40.30	0.61	66.07
H	12.07	39.62	30.39	19.17	40.08	0.62	64.65
H	35.46	37.73	32.28	19.21	39.93	0.62	64.40
H	37.74	6.62	24.38	19.21	39.88	0.62	64.32
H	12.49	33.72	5.36	19.21	40.39	0.62	65.15
H	35.50	32.98	39.20	19.22	40.35	0.62	65.08
H	10.76	9.66	22.22	19.25	40.80	0.61	66.89
H	22.83	40.11	4.57	19.27	39.73	0.62	64.08
H	9.29	41.11	18.03	19.28	40.04	0.62	64.58
H	43.63	22.77	23.37	19.29	40.48	0.62	65.29
H	21.71	18.45	3.72	19.31	40.63	0.61	66.61
H	31.48	9.55	14.13	19.32	40.23	0.61	65.95
H	29.75	27.24	1.65	19.33	40.49	0.61	66.38
H	41.74	28.24	12.73	19.33	40.22	0.62	64.87
H	44.38	21.60	31.27	19.33	40.23	0.61	65.95
H	20.80	43.81	8.42	19.34	39.50	0.62	63.71
H	24.60	36.64	2.41	19.35	40.22	0.62	64.87
H	35.15	39.90	9.09	19.35	39.85	0.62	64.27
H	9.81	41.42	23.76	19.36	40.04	0.61	65.64
H	9.99	15.49	16.40	19.41	41.10	0.60	68.50
H	20.54	40.05	4.66	19.41	39.69	0.62	64.02
H	19.87	4.23	19.68	19.42	40.18	0.61	65.87
H	38.87	7.07	31.89	19.43	40.11	0.62	64.69
H	7.34	19.59	36.33	19.46	40.24	0.61	65.97
H	18.20	6.58	17.17	19.46	40.23	0.61	65.95
H	13.72	41.05	31.07	19.48	39.93	0.62	64.40
H	38.94	26.64	7.84	19.49	40.16	0.62	64.77
H	36.53	42.11	13.90	19.51	40.20	0.62	64.84
H	5.77	35.82	18.33	19.52	40.15	0.62	64.76
H	11.64	11.74	17.85	19.52	40.62	0.61	66.59
H	37.75	6.40	33.76	19.53	40.23	0.62	64.89
H	18.00	15.93	6.32	19.54	40.61	0.62	65.50
H	43.28	27.09	21.39	19.55	40.53	0.62	65.37
H	38.83	39.22	26.79	19.58	40.09	0.62	64.66
H	33.49	4.71	20.70	19.58	40.21	0.61	65.92
H	37.87	29.25	40.95	19.60	39.92	0.62	64.39
H	22.51	22.40	1.41	19.64	40.33	0.62	65.05
H	38.84	31.86	7.71	19.67	40.23	0.61	65.95
H	9.69	38.29	29.66	19.68	39.77	0.62	64.15
H	28.38	20.12	2.79	19.72	40.50	0.62	65.32
H	9.12	27.08	6.95	19.73	40.34	0.62	65.06
H	23.82	14.06	6.67	19.73	40.30	0.61	66.07
H	33.24	10.90	13.47	19.76	40.33	0.62	65.05
H	23.77	6.53	42.61	19.76	39.79	0.61	65.23

H	4.30	27.17	17.47	19.76	40.40	0.61	66.23
H	33.95	7.01	17.28	19.76	40.18	0.61	65.87
H	35.47	34.82	37.82	19.77	40.28	0.62	64.97
H	8.88	12.86	20.61	19.82	40.67	0.61	66.67
H	14.34	9.44	16.42	19.85	40.96	0.61	67.15
H	41.39	36.48	24.99	19.87	39.84	0.62	64.26
H	19.15	42.98	7.09	19.88	39.78	0.62	64.16
H	36.94	34.73	6.35	19.88	40.56	0.62	65.42
H	7.73	31.30	8.56	19.94	39.76	0.62	64.13
H	7.42	12.29	32.32	19.96	40.06	0.62	64.61
H	5.41	22.72	27.60	19.98	41.12	0.61	67.41
H	41.28	9.69	23.85	19.98	40.00	0.62	64.52
H	36.12	10.15	15.51	20.04	39.76	0.62	64.13
H	5.74	21.38	33.32	20.04	40.28	0.62	64.97
H	11.74	20.69	6.10	20.06	40.17	0.62	64.79
H	13.35	11.28	15.46	20.09	40.86	0.62	65.90
H	43.32	33.39	18.80	20.09	40.09	0.62	64.66
H	27.11	4.74	41.04	20.11	40.20	0.62	64.84
H	19.26	3.23	37.09	20.12	40.19	0.62	64.82
H	15.88	28.41	1.52	20.12	40.02	0.62	64.55
H	32.77	2.15	25.45	20.15	40.26	0.61	66.00
H	35.43	42.84	28.33	20.16	39.95	0.62	64.44
H	29.60	32.67	1.11	20.16	40.08	0.62	64.65
H	44.13	14.56	24.99	20.17	40.38	0.62	65.13
H	6.48	26.64	9.87	20.19	40.30	0.62	65.00
H	43.27	33.98	21.27	20.20	39.89	0.61	65.39
H	29.20	2.81	37.61	20.21	40.31	0.62	65.02
H	28.24	34.39	43.17	20.22	40.08	0.62	64.65
H	29.64	37.40	39.09	20.26	39.80	0.62	64.19
H	3.81	26.43	22.21	20.27	40.54	0.62	65.39
H	40.65	27.81	8.69	20.28	40.02	0.62	64.55
H	18.64	43.39	32.92	20.31	39.86	0.62	64.29
H	4.97	32.98	26.14	20.32	40.00	0.62	64.52
H	20.71	11.52	9.46	20.32	40.48	0.61	66.36
H	4.12	27.43	15.23	20.32	40.24	0.62	64.90
H	41.03	7.73	29.13	20.34	40.12	0.62	64.71
H	19.57	38.82	37.07	20.34	40.42	0.61	66.26
H	24.72	15.07	4.80	20.37	40.29	0.61	66.05
H	27.09	38.46	2.44	20.40	39.86	0.62	64.29
H	44.01	18.80	20.93	20.41	40.52	0.61	66.43
H	6.61	32.87	9.88	20.43	39.87	0.62	64.31
H	26.93	0.57	24.76	20.43	40.47	0.61	66.34
H	34.89	42.75	10.20	20.44	39.95	0.62	64.44
H	42.92	35.35	23.07	20.47	39.98	0.61	65.54
H	42.85	26.66	37.20	20.47	39.91	0.62	64.37
H	6.33	35.83	12.21	20.48	39.92	0.61	65.44
H	33.68	29.17	2.04	20.49	40.37	0.61	66.18
H	37.02	41.40	29.08	20.49	40.19	0.63	63.79
H	38.04	28.03	42.89	20.49	39.83	0.62	64.24
H	37.75	6.07	21.37	20.51	39.93	0.62	64.40
H	4.87	18.08	29.37	20.52	40.35	0.62	65.08
H	24.91	0.21	25.84	20.54	40.76	0.61	66.82
H	14.22	39.19	5.24	20.55	40.09	0.62	64.66
H	42.89	10.64	25.09	20.57	40.06	0.62	64.61
H	11.65	32.25	3.84	20.57	40.17	0.61	65.85
H	40.78	9.87	20.53	20.57	40.24	0.62	64.90
H	37.31	13.48	13.67	20.57	40.08	0.62	64.65
H	4.82	19.47	31.24	20.60	40.51	0.62	65.34
H	3.94	24.46	23.42	20.61	40.53	0.62	65.37
H	41.34	18.44	41.45	20.62	40.30	0.62	65.00
H	9.51	11.74	18.73	20.62	40.72	0.61	66.75
H	6.81	31.05	31.38	20.63	40.36	0.62	65.10

H	31.87	26.63	1.10	20.63	40.54	0.61	66.46
H	13.64	10.67	42.70	20.65	39.80	0.61	65.25
H	34.24	3.17	22.14	20.65	39.81	0.61	65.26
H	43.19	30.19	32.27	20.68	40.05	0.62	64.60
H	40.60	19.88	11.54	20.71	40.06	0.62	64.61
H	14.30	42.51	7.96	20.72	39.74	0.62	64.10
H	30.61	6.90	14.10	20.72	39.89	0.61	65.39
H	16.97	37.64	2.63	20.75	40.11	0.62	64.69
H	39.27	5.22	28.72	20.78	40.00	0.62	64.52
H	11.25	6.87	35.81	20.80	39.88	0.61	65.38
H	7.84	38.89	28.49	20.82	39.71	0.62	64.05
H	38.47	16.64	11.24	20.83	40.25	0.62	64.92
H	25.65	42.66	35.29	20.84	39.91	0.62	64.37
H	44.20	21.60	37.36	20.85	40.38	0.62	65.13
H	9.24	22.44	42.01	20.86	39.70	0.61	65.08
H	37.97	11.35	42.50	20.88	39.70	0.63	63.02
H	5.14	15.16	26.88	20.89	39.98	0.62	64.48
H	33.55	41.08	33.66	20.90	39.41	0.62	63.56
H	38.28	10.02	16.25	20.91	39.91	0.62	64.37
H	40.34	41.25	22.31	20.91	40.03	0.62	64.56
H	18.86	1.01	32.67	20.91	39.90	0.62	64.35
H	12.51	42.66	9.41	20.92	40.04	0.62	64.58
H	34.44	1.76	29.58	20.93	39.96	0.62	64.45
H	41.79	11.88	38.25	20.96	39.89	0.62	64.34
H	16.33	33.17	42.93	20.97	39.78	0.61	65.21
H	7.28	26.01	38.17	21.00	40.02	0.62	64.55
H	12.65	13.06	11.39	21.00	40.15	0.62	64.76
H	25.69	38.07	40.31	21.00	40.12	0.62	64.71
H	5.05	19.22	20.01	21.01	40.35	0.62	65.08
H	9.03	37.98	8.38	21.02	39.81	0.62	64.21
H	33.73	37.40	38.03	21.03	39.97	0.62	64.47
H	22.45	4.68	42.30	21.04	39.82	0.61	65.28
H	23.37	0.37	34.63	21.09	39.81	0.62	64.21
H	7.20	29.50	35.03	21.10	40.11	0.62	64.69
H	24.59	0.95	20.92	21.10	40.57	0.61	66.51
H	41.27	33.39	33.55	21.10	39.85	0.62	64.27
H	3.01	30.46	23.01	21.13	40.55	0.61	66.48
H	4.21	33.43	13.83	21.13	39.97	0.62	64.47
H	10.49	39.67	7.87	21.15	40.03	0.62	64.56
H	44.40	20.81	19.79	21.15	40.66	0.61	66.66
H	12.39	23.82	2.84	21.17	40.20	0.61	65.90
H	3.65	31.24	14.09	21.20	39.86	0.62	64.29
H	8.43	7.74	30.80	21.23	40.13	0.61	65.79
H	5.52	13.33	25.56	21.23	40.06	0.61	65.67
H	37.54	38.19	33.10	21.24	39.93	0.62	64.40
H	43.44	32.72	27.10	21.25	40.00	0.62	64.52
H	13.62	6.29	39.47	21.29	40.11	0.62	64.69
H	10.18	19.10	6.71	21.29	40.18	0.62	64.81
H	28.74	42.68	35.23	21.30	40.01	0.61	65.59
H	9.25	43.59	24.16	21.32	39.78	0.61	65.21
H	36.39	22.90	3.66	21.38	39.81	0.62	64.21
H	42.31	11.32	19.70	21.41	40.22	0.62	64.87
H	3.51	35.25	18.51	21.44	39.95	0.61	65.49
H	39.76	41.32	26.67	21.44	40.12	0.62	64.71
H	40.19	20.29	44.13	21.46	40.15	0.62	64.76
H	30.92	2.57	39.10	21.51	40.17	0.62	64.79
H	23.07	43.10	35.88	21.51	40.06	0.62	64.61
H	14.83	31.70	43.92	21.52	39.79	0.61	65.23
H	8.69	16.76	10.32	21.53	40.43	0.62	65.21
H	16.52	11.52	9.13	21.53	39.90	0.61	65.41
H	38.04	27.57	3.83	21.54	40.01	0.61	65.59
H	5.11	24.85	10.03	21.55	40.08	0.62	64.65

H	43.59	23.27	13.20	21.57	40.38	0.62	65.13
H	11.20	29.62	2.55	21.57	40.32	0.61	66.10
H	13.74	2.25	28.63	21.60	40.04	0.61	65.64
H	41.12	23.09	43.20	21.62	40.19	0.62	64.82
H	15.76	6.49	42.24	21.66	40.25	0.62	64.92
H	41.87	12.87	40.32	21.67	39.66	0.62	63.97
H	9.36	10.46	39.53	21.68	39.92	0.62	64.39
H	9.14	25.49	4.32	21.71	40.32	0.61	66.10
H	34.83	6.48	15.25	21.72	40.06	0.62	64.61
H	7.75	35.23	33.01	21.72	39.63	0.63	62.90
H	20.39	34.74	44.46	21.73	40.05	0.61	65.66
H	30.73	4.76	14.82	21.75	39.73	0.62	64.08
H	41.90	35.84	29.77	21.77	40.15	0.62	64.76
H	8.00	20.22	42.07	21.79	39.66	0.61	65.02
H	5.43	14.02	35.12	21.80	40.04	0.62	64.58
H	41.26	26.59	42.27	21.82	40.09	0.62	64.66
H	7.16	41.01	13.31	21.83	39.72	0.62	64.06
H	43.04	24.04	10.67	21.83	40.46	0.62	65.26
H	5.18	37.62	13.06	21.85	39.69	0.62	64.02
H	29.30	36.46	43.18	21.87	39.86	0.62	64.29
H	36.57	1.84	28.82	21.87	40.09	0.62	64.66
H	6.23	39.31	27.37	21.88	39.94	0.61	65.48
H	42.68	32.25	34.96	21.91	39.89	0.62	64.34
H	4.99	12.92	32.21	21.91	40.06	0.62	64.61
H	15.89	3.00	19.46	21.94	40.01	0.62	64.53
H	40.92	19.99	9.25	21.95	40.01	0.62	64.53
H	4.09	20.69	34.71	21.98	40.36	0.62	65.10
H	38.27	5.43	37.97	21.98	39.57	0.62	63.82
H	37.55	2.79	32.89	22.00	39.76	0.62	64.13
H	6.28	35.70	31.32	22.06	39.84	0.62	64.26
H	16.71	39.93	2.43	22.08	39.82	0.62	64.23
H	11.69	4.16	22.76	22.09	40.22	0.62	64.87
H	38.06	19.35	5.86	22.09	40.01	0.62	64.53
H	11.58	11.27	43.44	22.10	39.58	0.61	64.89
H	43.00	17.23	15.93	22.16	40.49	0.62	65.31
H	42.41	38.35	27.21	22.17	39.69	0.62	64.02
H	28.08	9.84	8.97	22.18	40.41	0.62	65.18
H	15.07	1.32	24.17	22.22	39.93	0.62	64.40
H	7.98	29.51	39.54	22.24	40.08	0.62	64.65
H	43.74	9.71	22.81	22.25	39.91	0.62	64.37
H	17.27	2.69	39.38	22.25	39.79	0.62	64.18
H	16.83	38.46	38.92	22.26	39.95	0.61	65.49
H	16.48	20.33	0.68	22.27	40.56	0.61	66.49
H	14.75	37.61	38.49	22.27	39.96	0.62	64.45
H	20.55	16.69	1.46	22.28	40.44	0.61	66.30
H	2.11	29.50	24.91	22.29	40.62	0.62	65.52
H	29.45	42.36	3.37	22.29	39.99	0.62	64.50
H	11.94	4.61	20.54	22.32	40.33	0.62	65.05
H	42.52	8.08	35.44	22.33	39.90	0.62	64.35
H	33.57	21.27	1.27	22.34	40.01	0.62	64.53
H	4.63	17.13	20.82	22.35	40.46	0.62	65.26
H	10.30	3.91	27.78	22.38	40.50	0.61	66.39
H	20.79	5.89	12.42	22.39	40.05	0.62	64.60
H	7.71	6.74	26.86	22.39	40.04	0.62	64.58
H	35.44	2.39	37.09	22.43	39.99	0.62	64.50
H	2.55	34.07	24.61	22.46	40.10	0.62	64.68
H	40.20	38.67	8.33	22.47	39.74	0.62	64.10
H	39.73	6.80	39.06	22.47	39.64	0.62	63.94
H	37.41	2.08	24.69	22.48	39.72	0.62	64.06
H	3.01	26.96	28.31	22.49	40.27	0.62	64.95
H	14.03	14.38	5.61	22.49	40.02	0.62	64.55
H	30.49	11.32	7.23	22.50	40.05	0.62	64.60

H	41.56	42.55	20.77	22.56	40.18	0.62	64.81
H	9.81	12.69	43.23	22.57	39.69	0.61	65.07
H	38.44	35.36	39.52	22.58	40.18	0.62	64.81
H	3.30	25.49	30.98	22.59	40.23	0.62	64.89
H	5.07	28.94	34.52	22.60	40.12	0.62	64.71
H	6.54	17.36	10.70	22.64	40.20	0.62	64.84
H	11.29	27.89	1.10	22.70	39.94	0.62	64.42
H	42.62	13.19	16.12	22.71	40.18	0.62	64.81
H	44.61	34.21	12.73	22.71	40.07	0.62	64.63
H	26.63	42.39	2.16	22.72	39.82	0.62	64.23
H	41.72	35.84	32.10	22.74	39.85	0.62	64.27
H	12.84	22.49	1.04	22.75	40.14	0.62	64.74
H	22.80	39.76	0.19	22.76	40.01	0.62	64.53
H	22.88	15.17	1.64	22.77	40.40	0.61	66.23
H	13.92	1.87	22.28	22.77	40.14	0.61	65.80
H	11.79	11.02	11.97	22.78	39.96	0.62	64.45
H	7.55	11.72	40.16	22.82	39.73	0.62	64.08
H	20.30	41.79	38.31	22.83	39.96	0.61	65.51
H	9.13	38.34	5.47	22.85	39.99	0.62	64.50
H	19.06	36.49	43.91	22.86	39.82	0.61	65.28
H	3.40	29.72	30.18	22.86	40.25	0.61	65.98
H	40.82	34.74	37.66	22.88	39.98	0.62	64.48
H	42.98	18.08	43.00	22.89	40.34	0.62	65.06
H	24.53	2.47	14.70	22.90	40.33	0.62	65.05
H	10.31	3.53	25.28	22.90	40.28	0.62	64.97
H	43.75	36.62	11.97	22.91	40.02	0.63	63.52
H	38.30	5.75	17.08	22.93	39.83	0.62	64.24
H	43.31	39.81	15.38	22.93	40.11	0.63	63.67
H	35.42	42.01	34.59	22.94	39.84	0.63	63.24
H	23.57	2.00	42.17	22.95	39.62	0.62	63.90
H	18.70	5.20	12.98	22.95	40.06	0.62	64.61
H	3.40	32.01	29.90	22.96	40.08	0.62	64.65
H	35.77	16.80	4.30	22.98	39.73	0.62	64.08
H	6.09	8.39	24.86	23.01	40.23	0.62	64.89
H	8.82	30.43	41.49	23.02	40.16	0.62	64.77
H	39.95	10.39	43.25	23.02	39.77	0.62	64.15
H	4.37	15.11	36.83	23.03	40.04	0.62	64.58
H	3.58	36.42	27.73	23.05	40.16	0.61	65.84
H	6.65	17.51	42.06	23.06	39.75	0.62	64.11
H	40.18	15.22	10.71	23.08	40.39	0.62	65.15
H	34.69	11.15	9.50	23.09	40.30	0.62	65.00
H	15.55	3.06	17.18	23.09	39.99	0.61	65.56
H	2.64	19.44	24.10	23.10	40.44	0.62	65.23
H	15.69	0.44	34.94	23.10	39.71	0.62	64.05
H	42.48	16.10	14.00	23.12	40.29	0.62	64.98
H	41.17	40.12	9.83	23.16	39.91	0.63	63.35
H	6.34	43.77	18.91	23.18	39.73	0.62	64.08
H	25.35	8.59	8.41	23.18	40.24	0.62	64.90
H	39.96	20.57	5.41	23.18	39.72	0.62	64.06
H	39.70	2.71	32.00	23.18	39.42	0.62	63.58
H	3.09	22.79	11.40	23.20	39.94	0.62	64.42
H	8.95	14.93	8.58	23.22	40.37	0.62	65.11
H	26.21	41.22	39.38	23.24	39.90	0.61	65.41
H	36.25	4.47	41.45	23.26	39.62	0.63	62.89
H	34.06	0.59	36.84	23.27	39.84	0.62	64.26
H	21.71	43.66	2.37	23.27	39.77	0.61	65.20
H	35.36	33.85	0.47	23.27	39.83	0.62	64.24
H	2.00	36.35	22.21	23.28	39.77	0.62	64.15
H	28.36	12.13	4.19	23.28	40.11	0.62	64.69
H	6.96	23.42	42.88	23.28	39.95	0.62	64.44
H	37.76	2.83	20.20	23.32	39.82	0.62	64.23
H	20.32	0.26	18.34	23.32	40.05	0.61	65.66

H	8.31	32.35	3.00	23.32	40.06	0.62	64.61
H	2.54	25.01	11.18	23.33	40.19	0.62	64.82
H	24.49	0.49	40.68	23.34	39.87	0.61	65.36
H	4.75	40.58	26.19	23.37	39.66	0.62	63.97
H	40.31	27.48	3.46	23.37	39.88	0.61	65.38
H	2.34	20.10	16.56	23.38	40.43	0.62	65.21
H	44.37	13.03	17.55	23.41	40.22	0.62	64.87
H	10.84	14.92	6.14	23.42	40.19	0.62	64.82
H	40.39	40.52	31.54	23.43	40.02	0.62	64.55
H	3.26	18.06	16.17	23.44	40.47	0.61	66.34
H	6.76	6.38	31.53	23.45	40.41	0.61	66.25
H	41.56	31.59	4.94	23.45	39.97	0.62	64.47
H	27.17	1.16	15.68	23.45	40.10	0.61	65.74
H	1.03	23.63	17.68	23.46	40.52	0.62	65.35
H	7.11	6.98	34.99	23.48	40.07	0.61	65.69
H	10.50	39.48	36.06	23.54	39.59	0.62	63.85
H	40.84	37.49	6.35	23.54	39.77	0.62	64.15
H	0.44	30.87	18.52	23.55	40.17	0.61	65.85
H	1.64	21.21	23.04	23.60	40.60	0.62	65.48
H	5.49	25.59	40.65	23.60	39.80	0.62	64.19
H	37.49	21.85	1.96	23.61	39.66	0.62	63.97
H	28.95	13.54	2.55	23.62	40.10	0.62	64.68
H	5.01	40.78	12.46	23.65	39.85	0.61	65.33
H	12.64	0.55	29.75	23.65	40.21	0.61	65.92
H	35.08	42.38	4.29	23.72	39.62	0.63	62.89
H	12.80	1.43	35.33	23.73	39.78	0.62	64.16
H	36.79	15.06	5.43	23.74	39.56	0.61	64.85
H	36.61	40.73	4.04	23.76	39.78	0.62	64.16
H	36.11	38.79	39.42	23.77	39.93	0.62	64.40
H	16.31	10.11	7.09	23.78	40.16	0.61	65.84
H	43.26	13.79	42.85	23.86	39.39	0.62	63.53
H	0.45	25.44	16.41	23.88	40.64	0.61	66.62
H	6.51	21.15	5.32	23.91	40.25	0.62	64.92
H	33.40	19.31	0.15	23.92	40.32	0.62	65.03
H	22.60	39.95	42.51	23.94	40.02	0.62	64.55
H	34.97	36.09	0.16	23.95	39.98	0.62	64.48
H	11.07	2.93	36.66	23.95	39.64	0.62	63.94
H	41.59	3.14	26.89	23.96	39.78	0.62	64.16
H	6.94	38.51	6.12	24.00	40.04	0.61	65.64
H	2.08	28.69	9.84	24.01	40.15	0.62	64.76
H	19.63	11.40	3.76	24.04	39.97	0.62	64.47
H	31.10	15.68	1.08	24.04	40.40	0.62	65.16
H	13.54	4.20	15.39	24.13	40.03	0.62	64.56
H	10.61	35.82	40.38	24.14	39.83	0.62	64.24
H	1.82	22.26	34.38	24.15	40.17	0.62	64.79
H	12.47	17.69	1.69	24.16	39.90	0.62	64.35
H	17.94	15.05	0.89	24.16	40.27	0.61	66.02
H	1.27	37.33	20.27	24.20	39.62	0.62	63.90
H	4.03	15.70	14.81	24.21	40.25	0.62	64.92
H	36.42	1.16	19.45	24.23	39.74	0.62	64.10
H	35.70	6.92	11.64	24.25	39.73	0.62	64.08
H	27.28	43.21	39.08	24.28	39.99	0.61	65.56
H	15.25	40.04	0.36	24.30	39.87	0.62	64.31
H	7.57	40.49	33.62	24.31	39.86	0.62	64.29
H	42.78	4.05	32.32	24.34	39.46	0.62	63.65
H	38.46	5.57	14.83	24.35	39.88	0.62	64.32
H	20.10	0.71	15.56	24.37	40.27	0.61	66.02
H	4.10	42.89	18.51	24.41	39.84	0.62	64.26
H	13.72	8.41	10.75	24.41	39.96	0.62	64.45
H	43.70	8.06	38.74	24.42	39.88	0.62	64.32
H	32.46	38.29	43.94	24.45	39.81	0.63	63.19
H	4.64	15.40	12.59	24.45	40.08	0.62	64.65

H	8.33	11.09	12.89	24.45	40.26	0.62	64.94
H	6.10	8.14	37.63	24.47	39.64	0.62	63.94
H	10.44	37.37	38.69	24.52	39.90	0.62	64.35
H	24.57	12.59	1.45	24.52	40.43	0.62	65.21
H	18.76	43.31	1.02	24.54	39.73	0.61	65.13
H	42.30	31.80	42.34	24.55	39.95	0.62	64.44
H	5.13	43.39	26.18	24.63	39.77	0.61	65.20
H	2.74	10.48	28.71	24.64	39.73	0.62	64.08
H	19.29	43.75	38.94	24.67	40.12	0.62	64.71
H	33.92	39.68	0.38	24.68	39.70	0.63	63.02
H	38.63	0.14	24.92	24.70	39.49	0.62	63.69
H	11.52	35.19	43.22	24.74	39.91	0.62	64.37
H	1.65	24.38	35.23	24.76	40.22	0.62	64.87
H	44.60	38.27	10.58	24.76	40.16	0.62	64.77
H	42.00	9.98	13.90	24.77	39.79	0.62	64.18
H	43.08	33.29	5.12	24.77	39.79	0.61	65.23
H	30.86	9.59	5.72	24.80	39.96	0.62	64.45
H	43.33	5.43	21.00	24.82	39.72	0.62	64.06
H	25.78	2.79	11.40	24.83	40.22	0.62	64.87
H	7.44	44.11	30.38	24.83	40.08	0.62	64.65
H	41.56	39.78	33.36	24.84	39.86	0.63	63.27
H	3.08	29.06	6.33	24.86	39.89	0.62	64.34
H	30.76	41.35	41.26	24.90	40.18	0.61	65.87
H	26.27	4.99	9.31	24.91	40.26	0.62	64.94
H	8.24	33.92	1.30	24.92	39.94	0.62	64.42
H	6.39	18.87	5.10	24.93	40.28	0.62	64.97
H	2.47	38.30	28.41	24.93	39.85	0.62	64.27
H	43.45	6.60	18.97	24.94	39.63	0.62	63.92
H	41.73	36.51	4.52	24.94	39.87	0.62	64.31
H	15.51	38.48	43.10	24.95	39.88	0.62	64.32
H	1.05	30.74	10.06	24.95	39.93	0.62	64.40
H	7.41	39.27	35.55	25.00	39.75	0.62	64.11
H	30.18	13.59	1.01	25.04	40.26	0.62	64.94
H	5.22	16.07	43.16	25.06	39.93	0.62	64.40
H	5.39	8.39	19.43	25.07	40.06	0.62	64.61
H	3.20	19.88	8.74	25.08	39.66	0.63	62.95
H	36.00	10.29	7.86	25.12	39.96	0.62	64.45
H	27.11	9.38	4.16	25.13	40.36	0.62	65.10
H	13.47	2.03	41.12	25.19	39.52	0.62	63.74
H	42.10	5.69	17.37	25.19	39.76	0.62	64.13
H	3.14	12.52	19.65	25.20	40.05	0.61	65.66
H	3.53	19.65	41.53	25.21	39.99	0.61	65.56
H	38.24	3.35	41.82	25.21	39.57	0.62	63.82
H	4.38	7.88	22.31	25.23	40.11	0.62	64.69
H	9.77	41.61	36.48	25.27	39.57	0.62	63.82
H	3.69	36.30	6.77	25.30	39.86	0.62	64.29
H	38.63	44.36	6.82	25.30	39.62	0.62	63.90
H	13.91	12.14	3.51	25.33	39.58	0.62	63.84
H	0.38	16.80	31.95	25.34	40.23	0.61	65.95
H	3.63	30.70	4.82	25.36	39.74	0.62	64.10
H	14.99	41.80	39.77	25.36	39.81	0.62	64.21
H	8.30	19.52	2.12	25.37	40.12	0.62	64.71
H	11.23	4.32	15.14	25.38	39.86	0.62	64.29
H	44.18	43.33	23.80	25.39	39.62	0.62	63.90
H	21.71	0.15	14.02	25.40	40.27	0.61	66.02
H	42.13	31.12	44.54	25.43	39.88	0.62	64.32
H	4.57	28.56	3.38	25.45	40.05	0.62	64.60
H	2.49	18.23	40.04	25.50	39.71	0.62	64.05
H	9.00	0.83	29.39	25.54	40.13	0.61	65.79
H	4.50	26.29	3.42	25.58	39.98	0.62	64.48
H	1.96	12.61	21.64	25.60	39.90	0.62	64.35
H	12.70	3.25	42.89	25.62	39.36	0.62	63.48

H	31.47	0.16	14.47	25.66	39.92	0.62	64.39
H	21.08	10.52	1.99	25.67	40.13	0.61	65.79
H	40.78	0.93	34.67	25.71	39.63	0.62	63.92
H	1.73	10.99	33.09	25.74	39.94	0.63	63.40
H	41.98	4.03	39.27	25.76	39.91	0.62	64.37
H	2.78	9.47	34.83	25.76	39.91	0.62	64.37
H	38.10	9.19	9.52	25.77	39.88	0.62	64.32
H	9.13	2.61	37.87	25.77	39.55	0.62	63.79
H	7.39	6.55	41.05	25.80	39.90	0.62	64.35
H	1.53	41.62	19.59	25.83	39.55	0.62	63.79
H	5.78	7.53	39.78	25.88	39.83	0.62	64.24
H	32.48	0.98	44.07	25.88	39.93	0.62	64.40
H	8.89	8.98	12.19	25.88	40.14	0.61	65.80
H	39.40	35.62	44.33	25.90	39.81	0.62	64.21
H	13.59	3.72	12.84	25.92	39.90	0.62	64.35
H	0.51	34.90	10.62	25.92	40.20	0.62	64.84
H	0.36	16.96	35.12	25.93	40.35	0.61	66.15
H	4.61	12.79	42.47	25.96	39.51	0.62	63.73
H	7.43	23.67	0.50	25.96	40.02	0.62	64.55
H	11.07	10.72	6.19	25.96	39.46	0.61	64.69
H	2.24	23.88	6.38	25.97	39.72	0.62	64.06
H	42.94	5.66	40.57	25.97	39.72	0.62	64.06
H	29.45	5.04	8.34	25.97	40.06	0.61	65.67
H	0.17	38.00	14.90	25.97	40.19	0.63	63.79
H	40.89	16.49	4.59	25.98	40.02	0.62	64.55
H	41.89	2.08	36.32	25.99	39.82	0.62	64.23
H	12.68	15.99	0.16	26.03	40.12	0.62	64.71
H	43.02	42.33	31.05	26.05	39.89	0.63	63.32
H	43.97	25.00	3.87	26.05	39.77	0.62	64.15
H	19.09	4.28	9.19	26.17	39.87	0.62	64.31
H	44.59	3.46	33.60	26.27	39.70	0.62	64.03
H	39.32	41.15	37.14	26.28	39.69	0.62	64.02
H	42.19	0.81	24.98	26.29	39.77	0.62	64.15
H	18.61	10.12	2.05	26.29	39.85	0.62	64.27
H	44.34	42.31	29.16	26.31	39.98	0.63	63.46
H	8.88	17.41	1.47	26.32	40.02	0.62	64.55
H	3.90	32.88	38.12	26.37	39.93	0.63	63.38
H	7.14	44.50	7.15	26.39	39.85	0.62	64.27
H	3.77	44.47	13.47	26.40	39.87	0.62	64.31
H	0.35	17.86	37.21	26.42	40.31	0.61	66.08
H	4.52	10.73	15.60	26.43	40.02	0.62	64.55
H	42.36	18.20	4.27	26.43	39.95	0.62	64.44
H	1.02	30.17	33.28	26.45	39.97	0.62	64.47
H	39.26	10.64	8.19	26.46	39.58	0.62	63.84
H	11.49	37.38	43.92	26.51	39.93	0.62	64.40
H	14.41	43.99	39.44	26.52	39.67	0.62	63.98
H	3.58	41.22	8.36	26.55	40.17	0.62	64.79
H	7.08	14.17	5.27	26.57	39.95	0.62	64.44
H	1.40	42.17	24.47	26.60	39.51	0.62	63.73
H	3.65	30.09	41.02	26.60	39.86	0.63	63.27
H	3.34	34.82	35.79	26.61	40.02	0.62	64.55
H	15.31	2.58	11.81	26.61	40.23	0.62	64.89
H	23.17	8.37	2.70	26.63	40.04	0.62	64.58
H	38.50	37.76	44.15	26.64	39.81	0.62	64.21
H	5.06	3.18	31.10	26.72	39.75	0.62	64.11
H	9.12	43.35	3.26	26.72	39.78	0.62	64.16
H	36.32	2.25	12.64	26.78	39.50	0.63	62.70
H	0.59	10.07	28.23	26.79	39.82	0.62	64.23
H	2.65	41.98	10.26	26.88	40.18	0.62	64.81
H	4.95	29.91	43.80	26.94	39.98	0.62	64.48
H	41.91	41.10	4.39	26.95	39.42	0.62	63.58
H	32.11	43.18	41.66	26.95	40.10	0.62	64.68

H	0.93	19.63	8.97	26.97	39.63	0.63	62.90
H	39.89	39.34	1.18	26.97	39.52	0.62	63.74
H	26.85	7.10	3.97	26.99	40.21	0.62	64.85
H	0.98	9.61	24.10	27.01	39.84	0.62	64.26
H	43.60	8.81	12.76	27.03	39.77	0.62	64.15
H	16.21	6.70	6.12	27.04	39.99	0.62	64.50
H	2.16	38.00	6.84	27.04	40.03	0.62	64.56
H	2.14	23.45	42.53	27.05	40.13	0.61	65.79
H	41.36	43.12	5.35	27.06	39.58	0.62	63.84
H	10.71	41.57	39.87	27.11	39.63	0.63	62.90
H	11.54	6.34	10.14	27.12	39.84	0.62	64.26
H	23.77	4.86	6.66	27.13	40.66	0.62	65.58
H	31.45	5.25	7.22	27.13	40.07	0.62	64.63
H	8.39	1.33	19.61	27.14	39.88	0.62	64.32
H	43.54	14.61	7.63	27.16	40.12	0.62	64.71
H	36.42	5.79	8.86	27.17	39.73	0.62	64.08
H	0.24	29.05	35.15	27.18	39.94	0.61	65.48
H	36.63	12.25	2.48	27.18	39.84	0.62	64.26
H	36.49	42.64	39.90	27.19	39.85	0.63	63.25
H	2.77	34.58	3.80	27.24	39.95	0.62	64.44
H	5.75	13.07	6.76	27.28	39.86	0.62	64.29
H	0.67	27.47	38.82	27.44	39.91	0.62	64.37
H	41.77	6.28	12.13	27.44	39.98	0.63	63.46
H	2.29	5.40	30.03	27.52	39.80	0.62	64.19
H	40.66	40.52	39.83	27.56	40.01	0.63	63.51
H	6.18	36.50	40.70	27.58	39.59	0.62	63.85
H	3.56	4.85	22.02	27.59	40.03	0.62	64.56
H	43.06	37.93	40.69	27.62	39.57	0.63	62.81
H	9.68	2.62	14.60	27.63	40.00	0.62	64.52
H	2.92	9.49	16.77	27.64	39.90	0.62	64.35
H	9.52	10.79	4.46	27.64	39.60	0.62	63.87
H	8.92	1.15	39.89	27.69	39.58	0.62	63.84
H	7.21	38.40	39.89	27.71	39.51	0.62	63.73
H	2.43	40.76	32.87	27.78	39.67	0.63	62.97
H	44.03	29.02	0.86	27.82	39.65	0.62	63.95
H	2.88	42.69	31.77	27.86	39.67	0.62	63.98
H	18.56	43.32	43.34	27.86	39.69	0.61	65.07
H	43.30	5.47	13.70	27.93	39.62	0.62	63.90
H	2.43	32.69	2.54	27.93	39.66	0.62	63.97
H	21.61	4.35	6.23	27.97	40.76	0.62	65.74
H	41.50	0.67	17.43	28.06	40.06	0.62	64.61
H	18.07	2.26	8.67	28.08	40.14	0.61	65.80
H	10.45	40.52	41.87	28.10	39.55	0.63	62.78
H	0.34	24.21	41.31	28.13	40.00	0.62	64.52
H	9.22	1.60	42.08	28.16	39.67	0.62	63.98
H	0.53	26.97	4.25	28.17	39.74	0.62	64.10
H	1.94	36.98	35.63	28.18	39.77	0.63	63.13
H	1.58	44.32	12.80	28.18	39.80	0.61	65.25
H	7.00	42.96	2.48	28.22	39.61	0.63	62.87
H	22.32	44.30	44.05	28.41	39.85	0.61	65.33
H	1.64	39.03	34.39	28.43	39.76	0.62	64.13
H	34.87	8.47	3.22	28.44	39.71	0.62	64.05
H	5.53	41.32	37.85	28.55	39.54	0.62	63.77
H	36.04	1.35	10.57	28.56	39.75	0.63	63.10
H	4.89	38.55	1.00	28.61	39.61	0.62	63.89
H	0.72	6.02	31.64	28.64	39.84	0.62	64.26
H	9.58	7.06	7.60	28.66	39.85	0.61	65.33
H	10.58	0.53	14.37	28.67	40.08	0.62	64.65
H	0.43	22.01	4.74	28.71	39.88	0.62	64.32
H	3.45	1.79	28.94	28.74	39.82	0.62	64.23
H	3.70	6.05	16.26	28.81	39.91	0.62	64.37
H	1.72	12.82	43.49	28.81	39.41	0.62	63.56

H	2.71	19.89	2.40	28.85	39.93	0.62	64.40
H	8.06	6.93	9.35	28.85	39.77	0.62	64.15
H	42.40	38.73	0.35	28.86	39.45	0.63	62.62
H	43.93	0.65	19.33	28.88	40.05	0.62	64.60
H	1.00	9.05	39.47	28.89	39.67	0.62	63.98
H	39.59	40.55	43.87	28.89	39.34	0.63	62.44
H	3.68	1.37	31.35	28.96	39.66	0.62	63.97
H	5.39	39.67	39.44	28.99	39.53	0.62	63.76
H	14.85	4.84	5.93	29.04	39.99	0.62	64.50
H	30.20	7.85	0.67	29.07	40.07	0.62	64.63
H	42.48	0.56	40.95	29.08	39.80	0.62	64.19
H	1.95	41.27	5.60	29.10	39.70	0.62	64.03
H	0.12	7.90	36.26	29.10	39.72	0.62	64.06
H	1.93	4.68	36.34	29.19	39.57	0.62	63.82
H	44.15	37.34	0.76	29.31	39.26	0.63	62.32
H	35.76	44.25	42.49	29.36	39.75	0.62	64.11
H	39.44	11.03	2.35	29.40	39.60	0.62	63.87
H	34.74	8.98	1.01	29.41	39.75	0.62	64.11
H	2.40	3.00	22.69	29.43	40.08	0.62	64.65
H	16.38	8.29	0.03	29.45	40.00	0.62	64.52
H	3.42	10.79	8.47	29.46	39.38	0.62	63.52
H	25.32	1.65	6.02	29.56	40.06	0.62	64.61
H	40.74	1.14	12.53	29.67	39.67	0.63	62.97
H	0.43	13.35	9.99	29.68	40.10	0.62	64.68
H	29.91	1.53	6.42	29.69	39.76	0.62	64.13
H	9.42	11.40	0.45	29.77	39.70	0.61	65.08
H	2.58	2.55	35.80	29.78	39.70	0.62	64.03
H	1.47	18.18	3.31	29.79	40.03	0.63	63.54
H	40.93	9.80	4.37	29.84	39.50	0.62	63.71
H	32.17	1.38	6.57	30.12	39.66	0.62	63.97
H	1.99	1.42	27.24	30.14	39.75	0.62	64.11
H	4.80	2.45	41.60	30.17	39.68	0.61	65.05
H	3.49	0.17	23.99	30.17	39.70	0.62	64.03
H	12.63	7.63	1.38	30.21	40.07	0.62	64.63
H	3.62	3.80	15.83	30.24	39.84	0.62	64.26
H	2.96	7.14	44.40	30.34	39.98	0.63	63.46
H	0.96	30.24	44.16	30.35	39.48	0.62	63.68
H	10.97	3.45	7.99	30.44	39.79	0.61	65.23
H	29.08	5.06	1.35	30.50	39.94	0.62	64.42
H	2.93	40.66	1.11	30.64	39.70	0.62	64.03
H	35.27	4.60	4.57	30.65	39.51	0.63	62.71
H	4.38	36.87	44.22	30.68	39.26	0.62	63.32
H	3.83	8.62	7.78	30.81	39.51	0.62	63.73
H	42.41	4.51	8.61	30.95	39.80	0.63	63.17
H	0.78	37.99	38.69	31.13	39.96	0.63	63.43
H	37.38	5.48	4.15	31.14	39.38	0.63	62.51
H	20.19	3.06	2.54	31.16	40.12	0.62	64.71
H	1.07	42.59	3.91	31.19	39.78	0.62	64.16
H	41.02	1.92	9.27	31.23	39.85	0.63	63.25
H	43.22	9.65	4.45	31.25	39.43	0.62	63.60
H	42.27	1.32	10.86	31.30	39.66	0.63	62.95
H	17.86	4.41	1.02	31.33	39.85	0.62	64.27
H	0.57	3.22	19.95	31.40	39.82	0.62	64.23
H	5.00	0.19	41.58	31.44	39.75	0.61	65.16
H	1.54	42.52	37.32	31.47	39.69	0.63	63.00
H	40.24	2.86	7.36	31.55	39.78	0.63	63.14
H	44.25	42.62	41.05	31.63	39.47	0.62	63.66
H	3.25	4.92	12.18	31.66	39.82	0.62	64.23
H	0.56	15.30	3.13	31.68	39.71	0.62	64.05
H	25.47	0.90	3.87	31.70	40.26	0.62	64.94
H	1.18	42.00	1.77	32.01	39.56	0.62	63.81
H	12.55	5.35	1.06	32.05	39.84	0.62	64.26

H	44.54	13.99	0.13	32.21	39.56	0.62	63.81
H	7.97	0.83	9.94	32.26	39.77	0.62	64.15
H	27.32	3.08	0.58	32.26	39.82	0.62	64.23
H	9.77	3.13	6.08	32.26	39.70	0.62	64.03
H	0.94	0.51	35.77	32.27	39.81	0.62	64.21
H	37.40	1.29	5.78	32.34	39.68	0.63	62.98
H	43.88	6.18	6.52	32.37	40.01	0.63	63.51
H	14.64	1.63	4.05	32.67	39.50	0.62	63.71
H	0.02	13.15	3.73	32.72	39.62	0.62	63.90
H	25.51	1.60	1.46	32.81	39.96	0.62	64.45
H	5.54	9.18	0.48	33.06	39.74	0.63	63.08
H	4.65	6.58	4.19	33.22	39.95	0.62	64.44
H	1.57	5.50	10.81	33.29	39.82	0.62	64.23
H	31.16	2.56	0.46	33.38	39.85	0.63	63.25
H	2.77	7.96	4.20	33.47	39.95	0.63	63.41
H	12.94	0.03	4.25	34.23	39.66	0.62	63.97
H	8.22	4.74	1.07	34.24	39.64	0.62	63.94
H	3.26	8.76	0.78	34.45	40.02	0.63	63.52
H	39.11	4.01	0.90	34.69	39.69	0.62	64.02
H	41.20	4.91	1.02	34.97	39.60	0.62	63.87
H	2.80	2.89	7.97	35.31	39.80	0.62	64.19
H	8.86	2.68	0.35	35.82	39.59	0.62	63.85
H	4.25	2.08	5.09	36.19	39.71	0.63	63.03
H	2.77	0.65	7.63	36.69	39.70	0.63	63.02
H	43.59	1.32	2.97	37.03	39.72	0.63	63.05
H	1.40	5.89	0.99	37.16	40.14	0.62	64.74
H	2.60	3.24	2.75	37.32	39.97	0.63	63.44
H	43.39	0.94	0.72	38.72	39.75	0.62	64.11

[a]distance to the nearest electron spin.

Table S5. Coordinates and polarizations calculated for the third bTbK conformation

	x / Å	y / Å	z / Å	d^A / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	25.18	28.87	20.25				
e	23.41	18.84	27.93				
H	25.66	27.94	18.20	2.30	54.21	0.25	216.84
H	22.93	29.35	20.26	2.31	54.85	0.25	219.40
H	22.51	17.15	26.62	2.32	59.47	0.26	228.73
H	27.47	29.28	20.47	2.34	57.59	0.25	230.36
H	25.57	29.96	22.38	2.42	58.32	0.26	224.31
H	24.13	19.81	30.10	2.48	58.34	0.26	224.38
H	21.45	20.32	28.82	2.61	57.15	0.28	204.11
H	25.28	17.52	26.47	2.71	54.99	0.29	189.62
H	26.11	18.24	28.28	2.79	53.73	0.31	173.32
H	21.55	20.74	27.01	2.81	57.24	0.28	204.43
H	25.44	20.85	26.96	3.01	54.15	0.31	174.68
H	21.58	18.30	25.59	3.02	57.94	0.27	214.59
H	23.93	27.95	17.62	3.06	53.94	0.26	207.46
H	24.91	28.62	23.40	3.17	57.38	0.27	212.52
H	22.37	28.43	18.80	3.19	54.14	0.26	208.23
H	28.19	27.54	20.54	3.30	56.80	0.27	210.37
H	25.87	19.10	25.71	3.32	54.58	0.30	181.93
H	23.01	21.23	30.23	3.34	57.53	0.27	213.07
H	26.38	25.84	21.04	3.35	53.09	0.31	171.26
H	21.97	27.77	20.42	3.40	53.92	0.27	199.70
H	24.80	26.34	17.96	3.43	53.57	0.27	198.41
H	28.18	28.71	22.01	3.48	57.26	0.27	212.07
H	22.90	17.35	24.79	3.51	57.39	0.27	212.56
H	26.73	28.99	23.40	3.51	57.37	0.27	212.48
H	24.79	21.48	29.84	3.54	56.98	0.27	211.04
H	24.70	25.32	19.85	3.61	52.24	0.31	168.52

H	21.74	22.03	28.29	3.62	56.90	0.28	203.21
H	24.99	17.88	24.72	3.70	54.96	0.30	183.20
H	24.70	20.34	24.73	3.76	53.72	0.32	167.88
H	22.88	20.28	24.41	3.84	53.07	0.32	165.84
H	24.83	22.42	27.75	3.85	53.37	0.32	166.78
H	26.41	26.18	22.77	3.88	53.23	0.31	171.71
H	22.96	25.66	20.32	3.91	51.53	0.32	161.03
H	28.01	28.57	16.84	4.44	41.70	0.46	90.65
H	27.50	17.76	29.98	4.70	48.04	0.39	123.18
H	22.47	28.90	24.14	4.75	45.55	0.42	108.45
H	19.21	20.39	29.90	4.89	48.32	0.38	127.16
H	18.36	19.15	27.88	5.06	47.42	0.40	118.55
H	21.10	15.38	30.86	5.09	40.92	0.49	83.51
H	18.67	17.30	29.16	5.14	46.86	0.40	117.15
H	22.80	13.93	26.38	5.19	42.77	0.47	91.00
H	26.74	23.91	20.58	5.21	50.53	0.34	148.62
H	21.73	22.79	24.58	5.44	44.83	0.43	104.26
H	21.73	25.70	23.08	5.48	45.16	0.42	107.52
H	23.45	33.78	22.62	5.72	36.03	0.55	65.51
H	24.79	13.26	27.30	5.79	42.14	0.47	89.66
H	24.13	24.40	26.20	5.87	46.08	0.41	112.39
H	25.14	25.03	24.73	5.90	45.84	0.41	111.80
H	22.21	26.40	24.71	5.91	44.96	0.42	107.05
H	28.52	21.87	27.96	5.93	39.51	0.50	79.02
H	23.57	24.74	29.32	6.06	43.74	0.45	97.20
H	26.26	33.68	23.83	6.09	35.96	0.54	66.59
H	22.40	23.82	22.26	6.10	45.46	0.41	110.88
H	19.70	26.45	19.01	6.12	42.32	0.46	92.00
H	23.49	22.61	23.04	6.17	45.74	0.42	108.90
H	24.34	18.26	21.84	6.18	42.44	0.47	90.30
H	24.49	26.69	14.42	6.26	39.68	0.50	79.36
H	22.19	24.05	17.49	6.31	41.33	0.48	86.10
H	22.27	19.99	34.03	6.31	36.76	0.54	68.07
H	22.29	19.42	21.54	6.50	42.44	0.47	90.30
H	30.57	27.67	23.69	6.51	38.40	0.54	71.11
H	21.30	16.62	33.68	6.52	38.40	0.51	75.29
H	21.13	24.40	25.37	6.52	44.68	0.43	103.91
H	19.55	32.30	19.95	6.60	36.37	0.54	67.35
H	26.74	29.07	26.68	6.62	40.58	0.49	82.82
H	30.18	28.70	15.90	6.62	38.00	0.53	71.70
H	26.41	30.00	13.79	6.67	37.53	0.53	70.81
H	28.73	23.42	18.28	6.80	44.52	0.43	103.53
H	23.09	33.53	15.75	6.81	35.49	0.57	62.26
H	20.57	28.07	25.21	6.82	43.09	0.45	95.76
H	28.82	16.75	31.82	6.99	42.75	0.46	92.93
H	18.93	21.92	23.54	6.99	40.83	0.49	83.33
H	20.43	16.69	21.93	7.03	40.53	0.50	81.06
H	19.37	20.04	22.25	7.07	40.73	0.49	83.12
H	22.43	27.61	13.83	7.10	39.73	0.50	79.46
H	30.31	33.74	21.21	7.14	34.42	0.58	59.34
H	18.16	30.51	20.17	7.22	36.03	0.54	66.72
H	21.18	32.34	15.17	7.34	35.45	0.57	62.19
H	23.98	36.12	20.08	7.35	34.43	0.57	60.40
H	18.35	17.12	22.85	7.38	40.43	0.50	80.86
H	23.05	23.59	15.47	7.43	40.96	0.48	85.33
H	30.94	33.53	19.02	7.50	34.39	0.58	59.29
H	24.87	12.57	31.79	7.51	34.88	0.57	61.19
H	27.86	28.35	13.20	7.57	37.41	0.53	70.58
H	27.01	26.91	27.38	7.61	40.61	0.49	82.88
H	23.14	11.68	30.61	7.65	34.60	0.57	60.70
H	16.70	22.19	29.99	7.78	40.31	0.49	82.27
H	28.12	13.83	24.07	7.89	35.06	0.57	61.51

H	32.40	26.61	22.85	8.00	38.22	0.54	70.78
H	28.00	22.20	33.60	8.03	35.33	0.56	63.09
H	24.70	21.03	35.56	8.05	35.04	0.56	62.57
H	31.64	26.98	15.82	8.05	37.38	0.53	70.53
H	18.48	30.29	15.99	8.07	36.08	0.55	65.60
H	26.70	24.69	32.46	8.09	35.46	0.56	63.32
H	29.53	23.83	25.82	8.17	39.19	0.51	76.84
H	16.97	13.84	28.47	8.18	34.80	0.57	61.05
H	31.37	20.50	28.96	8.19	35.25	0.56	62.95
H	18.22	24.78	25.45	8.27	40.27	0.49	82.18
H	26.76	19.54	20.39	8.28	37.86	0.53	71.43
H	19.97	29.86	26.66	8.32	40.60	0.48	84.58
H	22.23	26.22	31.65	8.34	38.11	0.53	71.91
H	31.92	32.91	23.47	8.49	34.50	0.57	60.53
H	20.69	11.36	24.76	8.57	34.64	0.57	60.77
H	29.47	18.14	21.82	8.63	36.61	0.55	66.56
H	21.63	36.59	21.98	8.67	34.76	0.57	60.98
H	22.82	34.19	26.76	8.74	36.82	0.54	68.19
H	24.86	37.42	18.36	8.77	34.50	0.57	60.53
H	28.91	25.16	13.17	8.82	36.44	0.55	66.25
H	28.78	35.88	24.40	8.91	34.45	0.57	60.44
H	26.62	15.72	35.67	8.95	34.36	0.57	60.28
H	17.56	24.24	18.79	9.03	37.93	0.52	72.94
H	32.11	16.41	27.55	9.04	34.79	0.57	61.04
H	22.24	12.41	21.58	9.11	34.68	0.56	61.93
H	29.55	12.07	27.76	9.14	34.65	0.57	60.79
H	23.89	10.82	32.31	9.16	34.50	0.57	60.53
H	16.12	24.08	26.13	9.16	39.87	0.49	81.37
H	17.94	22.95	21.81	9.18	39.43	0.51	77.31
H	25.30	12.48	21.54	9.21	34.95	0.56	62.41
H	33.81	30.97	22.76	9.23	34.79	0.57	61.04
H	20.23	31.93	27.61	9.38	39.74	0.49	81.10
H	28.27	31.58	28.75	9.44	35.87	0.55	65.22
H	19.83	20.81	36.44	9.45	34.92	0.57	61.26
H	17.64	27.64	14.70	9.45	36.40	0.55	66.18
H	18.78	22.92	16.50	9.51	37.45	0.53	70.66
H	25.94	35.59	13.47	9.58	33.65	0.57	59.04
H	28.18	35.45	13.94	9.60	33.77	0.58	58.22
H	33.43	30.45	24.97	9.63	34.76	0.57	60.98
H	32.12	22.24	21.07	9.63	36.41	0.55	66.20
H	25.91	16.06	19.05	9.63	35.00	0.56	62.50
H	29.85	29.93	28.72	9.72	35.95	0.55	65.36
H	21.22	36.74	16.02	9.77	33.88	0.58	58.41
H	18.80	35.85	22.95	9.84	34.65	0.57	60.79
H	31.21	13.32	30.27	9.84	34.47	0.57	60.47
H	24.59	34.99	27.96	9.85	36.86	0.54	68.26
H	28.89	11.72	23.67	9.94	34.96	0.57	61.33
H	27.51	17.43	36.89	9.96	34.43	0.58	59.36
H	20.43	23.01	36.50	9.99	35.01	0.57	61.42
H	32.95	20.31	30.57	10.00	35.01	0.56	62.52
H	23.51	36.86	14.38	10.05	33.69	0.58	58.09
H	31.26	15.78	33.42	10.06	34.72	0.57	60.91
H	35.11	27.34	19.32	10.09	34.37	0.57	60.30
H	31.90	36.16	18.11	10.14	33.85	0.58	58.36
H	18.28	24.08	14.58	10.14	37.32	0.53	70.42
H	24.67	21.06	37.76	10.16	34.92	0.56	62.36
H	16.37	32.81	23.55	10.20	34.70	0.57	60.88
H	20.21	37.57	17.90	10.29	33.67	0.58	58.05
H	15.78	11.91	28.97	10.36	34.66	0.57	60.81
H	13.11	20.02	28.35	10.37	34.96	0.58	60.28
H	21.53	9.27	24.27	10.42	34.41	0.57	60.37
H	33.16	22.74	23.03	10.44	36.57	0.55	66.49

H	23.59	24.29	11.01	10.44	34.63	0.57	60.75
H	35.31	31.47	19.75	10.46	34.41	0.58	59.33
H	32.17	19.56	22.10	10.54	36.28	0.55	65.96
H	17.70	12.31	21.93	10.55	35.04	0.57	61.47
H	28.91	36.40	26.64	10.55	34.55	0.57	60.61
H	14.83	27.48	21.95	10.58	35.04	0.57	61.47
H	24.76	30.97	9.89	10.59	34.28	0.58	59.10
H	15.98	14.04	33.75	10.59	34.43	0.58	59.36
H	16.95	26.19	32.14	10.65	35.31	0.56	63.05
H	22.91	25.56	36.19	10.65	34.80	0.57	61.05
H	27.97	38.42	24.11	10.67	34.37	0.57	60.30
H	14.50	16.44	22.51	10.70	35.16	0.57	61.68
H	15.86	34.04	21.68	10.76	34.79	0.57	61.04
H	33.56	24.83	14.80	10.78	36.05	0.55	65.55
H	23.83	26.28	9.84	10.81	34.43	0.57	60.40
H	22.86	8.84	32.09	10.85	34.56	0.57	60.63
H	19.35	27.59	32.92	10.85	35.17	0.56	62.80
H	33.71	33.20	15.09	10.87	34.05	0.58	58.71
H	18.91	8.95	27.73	10.87	34.55	0.58	59.57
H	22.97	22.55	38.16	10.89	34.96	0.56	62.43
H	13.71	16.35	32.26	10.91	34.30	0.57	60.18
H	13.79	14.54	30.83	10.93	34.51	0.57	60.54
H	27.23	25.77	35.49	10.94	34.56	0.57	60.63
H	27.00	20.98	12.87	10.95	34.96	0.57	61.33
H	15.83	18.02	35.93	11.05	34.33	0.58	59.19
H	29.97	9.97	28.65	11.05	34.24	0.57	60.07
H	30.78	19.97	16.84	11.06	34.91	0.57	61.25
H	20.52	18.47	38.62	11.08	34.62	0.57	60.74
H	14.11	29.51	21.14	11.13	35.06	0.57	61.51
H	16.24	11.95	32.96	11.15	34.37	0.58	59.26
H	20.84	24.97	36.93	11.19	34.95	0.57	61.32
H	30.02	20.31	14.70	11.29	35.00	0.57	61.40
H	22.15	38.53	15.21	11.31	33.68	0.57	59.09
H	21.51	18.00	16.75	11.37	35.13	0.57	61.63
H	16.79	33.69	14.27	11.38	34.65	0.58	59.74
H	34.64	17.75	26.43	11.38	34.47	0.57	60.47
H	16.39	11.04	23.28	11.48	34.78	0.57	61.02
H	25.34	7.53	28.23	11.48	34.40	0.58	59.31
H	29.54	31.89	10.00	11.54	34.29	0.58	59.12
H	32.49	19.94	34.99	11.55	34.20	0.57	60.00
H	26.04	14.30	17.62	11.57	34.99	0.56	62.48
H	28.09	30.75	9.16	11.62	34.25	0.58	59.05
H	34.18	16.16	31.87	11.78	34.76	0.57	60.98
H	36.20	32.27	17.81	11.78	34.41	0.58	59.33
H	31.20	33.06	10.98	11.82	34.49	0.58	59.47
H	11.88	21.23	26.82	11.83	35.02	0.58	60.38
H	15.26	27.44	27.50	11.86	36.78	0.54	68.11
H	30.50	23.81	10.90	11.89	34.80	0.57	61.05
H	36.70	27.40	17.69	11.89	34.41	0.57	60.37
H	19.05	8.38	31.56	11.90	34.39	0.58	59.29
H	24.46	12.25	37.80	11.92	34.54	0.59	58.54
H	33.72	35.82	24.88	11.94	34.22	0.58	59.00
H	33.93	32.00	27.77	11.95	34.22	0.58	59.00
H	14.39	22.20	20.82	11.96	36.36	0.55	66.11
H	16.38	34.34	26.32	12.01	35.13	0.57	61.63
H	33.91	37.03	18.69	12.05	34.01	0.58	58.64
H	31.61	15.17	19.78	12.13	34.93	0.57	61.28
H	20.62	28.79	34.38	12.18	35.14	0.56	62.75
H	21.06	14.65	39.12	12.18	34.51	0.58	59.50
H	15.12	20.74	19.19	12.20	36.56	0.55	66.47
H	27.40	7.34	29.15	12.24	34.26	0.58	59.07
H	19.95	25.15	9.80	12.27	34.33	0.58	59.19

H	25.75	19.05	12.91	12.27	34.85	0.57	61.14
H	16.02	19.36	37.76	12.31	34.52	0.58	59.52
H	33.49	25.15	31.12	12.31	33.93	0.58	58.50
H	27.97	38.86	13.53	12.36	33.66	0.58	58.03
H	29.73	33.90	30.63	12.40	34.43	0.57	60.40
H	35.31	18.14	31.37	12.40	34.66	0.57	60.81
H	19.26	35.08	11.24	12.44	34.35	0.58	59.22
H	15.73	26.51	34.06	12.46	35.11	0.56	62.70
H	27.83	40.61	23.60	12.49	34.45	0.57	60.44
H	19.28	13.39	38.41	12.52	34.62	0.59	58.68
H	12.20	16.53	22.85	12.53	35.15	0.57	61.67
H	33.38	22.06	34.81	12.54	34.16	0.58	58.90
H	20.03	39.63	24.13	12.54	34.74	0.57	60.95
H	33.90	12.08	29.37	12.57	34.36	0.58	59.24
H	26.23	13.23	38.85	12.60	34.32	0.59	58.17
H	26.07	28.62	35.48	12.63	34.40	0.57	60.35
H	24.65	8.38	20.95	12.64	34.73	0.57	60.93
H	23.58	7.34	22.69	12.64	34.55	0.57	60.61
H	16.93	25.90	36.20	12.66	34.94	0.56	62.39
H	16.85	8.78	31.96	12.68	34.35	0.58	59.22
H	24.31	33.29	32.11	12.68	34.34	0.56	61.32
H	14.47	35.30	17.81	12.73	34.61	0.58	59.67
H	34.85	30.26	12.03	12.76	34.26	0.58	59.07
H	19.60	32.00	9.17	12.79	34.27	0.58	59.09
H	18.21	16.09	16.55	12.81	34.62	0.57	60.74
H	33.29	31.08	10.58	12.81	34.29	0.58	59.12
H	36.13	20.50	27.27	12.84	34.64	0.57	60.77
H	24.37	31.37	7.67	12.85	34.35	0.58	59.22
H	29.11	28.04	8.04	12.86	34.13	0.58	58.84
H	10.64	17.32	28.79	12.89	34.46	0.58	59.41
H	23.56	34.72	8.83	12.93	34.33	0.58	59.19
H	28.14	8.96	34.86	12.97	33.96	0.58	58.55
H	34.79	34.62	13.63	13.01	34.04	0.58	58.69
H	23.81	16.99	15.01	13.06	34.84	0.57	61.12
H	18.86	29.84	8.83	13.09	34.06	0.58	58.72
H	21.51	37.17	10.80	13.10	34.18	0.58	58.93
H	18.93	18.31	40.23	13.11	34.41	0.57	60.37
H	14.20	32.09	13.79	13.15	34.38	0.57	60.32
H	33.09	13.58	20.65	13.20	34.61	0.57	60.72
H	32.30	10.42	32.99	13.26	34.06	0.58	58.72
H	24.74	42.14	20.23	13.28	33.90	0.57	59.47
H	28.66	25.21	38.35	13.29	34.68	0.57	60.84
H	17.55	34.98	29.26	13.30	34.93	0.57	61.28
H	14.88	24.86	36.19	13.31	35.23	0.56	62.91
H	10.49	21.19	30.27	13.34	34.51	0.58	59.50
H	20.90	13.36	16.02	13.35	34.37	0.58	59.26
H	13.98	28.67	12.98	13.36	34.61	0.58	59.67
H	11.33	23.07	24.01	13.38	35.64	0.57	62.53
H	19.83	41.08	18.74	13.42	33.75	0.58	58.19
H	12.20	30.65	17.24	13.44	34.02	0.57	59.68
H	16.03	15.83	17.10	13.45	34.52	0.57	60.56
H	16.87	7.16	29.17	13.45	34.35	0.58	59.22
H	30.99	8.14	24.75	13.49	34.21	0.58	58.98
H	24.99	40.58	26.96	13.50	34.34	0.58	59.21
H	31.55	18.64	38.71	13.51	33.92	0.58	58.48
H	23.55	41.29	25.33	13.52	34.64	0.58	59.72
H	37.58	26.04	24.85	13.52	34.37	0.58	59.26
H	12.59	33.77	21.05	13.54	34.49	0.57	60.51
H	24.21	36.86	9.35	13.55	34.07	0.58	58.74
H	34.55	26.70	29.82	13.57	34.22	0.58	59.00
H	21.10	10.33	17.58	13.60	34.20	0.58	58.97
H	30.60	14.03	17.42	13.61	34.82	0.57	61.09

H	28.95	18.66	40.41	13.65	34.07	0.58	58.74
H	37.07	35.53	21.45	13.67	33.97	0.58	58.57
H	11.23	13.12	25.52	13.68	34.23	0.58	59.02
H	25.14	15.33	41.03	13.68	34.09	0.58	58.78
H	15.92	36.49	26.88	13.70	34.95	0.57	61.32
H	10.72	21.55	32.52	13.77	34.50	0.58	59.48
H	25.40	37.73	30.82	13.79	34.99	0.58	60.33
H	35.21	20.03	16.62	13.85	34.89	0.57	61.21
H	30.56	11.87	37.60	13.90	33.99	0.58	58.60
H	21.31	8.80	37.33	13.92	34.04	0.59	57.69
H	17.73	6.56	24.49	13.96	34.61	0.58	59.67
H	28.17	12.39	16.47	13.98	34.63	0.56	61.84
H	11.17	22.15	21.91	14.04	35.64	0.57	62.53
H	9.90	15.18	28.96	14.04	34.63	0.58	59.71
H	31.89	14.58	38.31	14.06	34.13	0.58	58.84
H	36.87	22.78	26.48	14.09	34.56	0.57	60.63
H	35.91	33.00	28.41	14.10	34.16	0.58	58.90
H	14.59	21.93	13.96	14.15	34.89	0.57	61.21
H	36.12	13.14	25.38	14.16	33.83	0.58	58.33
H	14.82	12.20	37.03	14.17	34.25	0.58	59.05
H	13.21	26.43	13.06	14.18	34.55	0.57	60.61
H	22.63	6.77	35.40	14.22	34.09	0.58	58.78
H	14.19	29.59	29.43	14.24	36.18	0.55	65.78
H	34.85	20.10	14.40	14.31	34.91	0.57	61.25
H	33.37	37.72	12.43	14.37	33.83	0.58	58.33
H	33.90	20.89	12.04	14.38	34.78	0.57	61.02
H	32.35	8.69	22.97	14.41	34.10	0.58	58.79
H	34.13	39.57	23.89	14.41	33.93	0.58	58.50
H	23.21	20.86	42.20	14.42	34.20	0.58	58.97
H	35.88	30.27	29.87	14.46	34.28	0.58	59.10
H	28.20	41.09	13.12	14.47	33.72	0.59	57.15
H	22.71	33.92	33.62	14.50	34.34	0.57	60.25
H	16.98	24.81	8.99	14.51	34.48	0.58	59.45
H	25.34	25.71	6.06	14.54	34.28	0.58	59.10
H	13.38	36.09	15.72	14.56	34.31	0.58	59.16
H	30.07	34.34	32.87	14.59	34.37	0.57	60.30
H	15.55	6.85	25.19	14.60	34.50	0.58	59.48
H	39.09	27.76	24.67	14.63	34.39	0.58	59.29
H	20.08	41.74	24.98	14.63	34.78	0.57	61.02
H	32.94	28.48	33.54	14.67	34.22	0.58	59.00
H	28.26	42.96	17.53	14.68	33.94	0.57	59.54
H	10.22	23.61	32.38	14.72	34.73	0.58	59.88
H	18.10	9.51	38.04	14.75	33.94	0.58	58.52
H	11.22	27.15	28.05	14.75	34.96	0.57	61.33
H	11.72	34.84	19.19	14.77	34.42	0.58	59.34
H	12.84	13.27	36.65	14.79	34.20	0.58	58.97
H	29.90	42.90	20.10	14.81	33.80	0.58	58.28
H	38.84	34.25	22.47	14.84	33.95	0.58	58.53
H	15.08	39.27	23.50	14.86	34.52	0.58	59.52
H	27.60	25.53	5.96	14.88	34.36	0.58	59.24
H	11.71	25.37	34.44	14.89	34.59	0.57	60.68
H	19.59	10.42	39.62	14.91	33.88	0.59	57.42
H	39.17	23.76	19.47	14.91	34.50	0.57	60.53
H	32.36	19.42	11.21	14.92	35.04	0.57	61.47
H	12.20	9.33	30.57	14.94	34.05	0.59	57.71
H	19.78	33.48	7.10	14.95	34.20	0.58	58.97
H	18.07	36.51	30.99	14.97	34.74	0.57	60.95
H	31.69	25.04	38.81	15.01	34.47	0.57	60.47
H	30.71	37.71	31.14	15.07	34.27	0.58	59.09
H	10.36	31.34	18.49	15.13	34.33	0.58	59.19
H	29.59	7.60	35.99	15.15	33.98	0.58	58.59
H	38.70	29.30	27.10	15.16	34.43	0.57	60.40

H	38.41	36.28	19.75	15.17	33.99	0.58	58.60
H	37.49	24.04	30.21	15.18	34.11	0.58	58.81
H	26.38	16.37	42.63	15.20	34.22	0.58	59.00
H	33.10	35.80	31.24	15.21	34.31	0.57	60.19
H	12.62	9.62	33.39	15.22	34.23	0.58	59.02
H	12.25	35.78	24.35	15.22	34.29	0.58	59.12
H	32.79	8.75	34.45	15.24	34.09	0.58	58.78
H	21.11	4.13	31.20	15.25	34.28	0.59	58.10
H	20.32	43.15	17.98	15.25	33.90	0.57	59.47
H	11.14	27.62	30.31	15.27	35.09	0.57	61.56
H	15.80	8.54	19.62	15.28	33.82	0.59	57.32
H	35.98	32.45	30.49	15.30	34.32	0.58	59.17
H	16.87	40.60	14.95	15.32	34.00	0.58	58.62
H	13.16	14.46	17.41	15.33	34.27	0.58	59.09
H	21.33	3.70	26.60	15.34	34.31	0.58	59.16
H	27.74	29.40	5.11	15.36	34.44	0.58	59.38
H	18.53	20.46	9.24	15.38	34.17	0.58	58.91
H	23.71	44.19	20.51	15.39	34.03	0.58	58.67
H	21.29	8.12	17.05	15.42	34.23	0.58	59.02
H	26.64	27.63	40.18	15.42	34.46	0.57	60.46
H	33.94	25.16	8.09	15.43	33.75	0.58	58.19
H	37.81	25.12	12.20	15.44	33.97	0.58	58.57
H	14.37	22.83	39.83	15.47	34.24	0.57	60.07
H	39.40	22.87	21.56	15.49	34.60	0.57	60.70
H	27.26	30.09	37.87	15.50	34.39	0.57	60.33
H	35.22	8.81	27.96	15.50	33.89	0.58	58.43
H	37.59	19.20	34.24	15.52	33.87	0.58	58.40
H	36.79	16.85	20.30	15.53	34.14	0.58	58.86
H	18.52	21.22	42.49	15.55	34.34	0.58	59.21
H	9.86	11.17	27.44	15.58	34.10	0.58	58.79
H	27.78	16.18	11.53	15.62	34.30	0.57	60.18
H	24.18	21.34	6.59	15.63	34.32	0.58	59.17
H	24.16	43.35	14.40	15.66	33.89	0.58	58.43
H	10.59	23.72	17.86	15.66	35.10	0.57	61.58
H	33.90	41.62	22.91	15.67	34.13	0.58	58.84
H	18.71	11.50	14.91	15.67	34.40	0.57	60.35
H	14.46	40.26	21.50	15.69	34.33	0.58	59.19
H	30.53	36.37	7.54	15.70	33.81	0.59	57.31
H	30.68	5.67	32.41	15.70	33.98	0.58	58.59
H	20.62	32.03	5.55	15.72	34.23	0.58	59.02
H	29.61	22.07	42.04	15.75	34.12	0.57	59.86
H	18.02	34.33	33.18	15.76	34.49	0.57	60.51
H	34.35	9.44	21.49	15.80	34.26	0.58	59.07
H	19.48	17.49	10.88	15.81	33.87	0.57	59.42
H	27.18	32.16	35.58	15.81	34.36	0.57	60.28
H	36.15	12.27	34.64	15.82	34.01	0.57	59.67
H	20.03	31.16	37.28	15.83	34.71	0.57	60.89
H	16.06	39.62	13.04	15.84	33.98	0.58	58.59
H	19.24	15.73	42.90	15.85	34.14	0.58	58.86
H	23.25	3.40	31.49	15.85	34.32	0.59	58.17
H	33.04	27.65	6.53	15.86	33.87	0.58	58.40
H	27.25	43.61	14.68	15.89	33.65	0.58	58.02
H	29.02	24.29	41.80	15.92	34.31	0.57	60.19
H	25.91	38.62	32.87	15.96	34.87	0.57	61.18
H	39.35	17.93	28.07	15.97	34.06	0.58	58.72
H	37.01	11.25	24.40	15.97	34.05	0.58	58.71
H	9.61	20.84	35.70	15.97	34.45	0.58	59.40
H	36.73	32.79	9.92	15.98	34.04	0.58	58.69
H	28.38	42.30	28.32	15.99	33.94	0.58	58.52
H	37.86	37.38	25.03	16.00	34.14	0.58	58.86
H	15.51	31.40	33.94	16.01	34.70	0.57	60.88
H	12.56	7.21	29.78	16.02	33.99	0.58	58.60

H	20.78	5.48	19.49	16.02	34.18	0.58	58.93
H	32.33	40.97	28.02	16.06	33.84	0.58	58.34
H	26.45	4.88	35.25	16.06	34.04	0.58	58.69
H	30.13	4.33	29.70	16.09	33.89	0.58	58.43
H	38.61	20.74	32.96	16.12	34.00	0.58	58.62
H	11.62	30.10	11.61	16.13	34.45	0.58	59.40
H	25.68	29.66	39.70	16.15	34.34	0.57	60.25
H	10.23	32.32	25.78	16.31	34.11	0.58	58.81
H	14.52	19.16	12.62	16.32	34.34	0.57	60.25
H	9.44	28.43	24.60	16.34	34.68	0.58	59.79
H	21.76	22.10	43.86	16.35	34.12	0.58	58.83
H	34.04	19.19	40.35	16.35	34.28	0.58	59.10
H	16.69	6.45	19.64	16.35	33.99	0.58	58.60
H	11.32	25.53	12.10	16.42	34.52	0.58	59.52
H	8.42	15.61	22.05	16.42	34.19	0.58	58.95
H	25.46	40.25	8.40	16.43	33.45	0.58	57.67
H	11.54	9.56	21.38	16.43	34.15	0.59	57.88
H	38.91	34.25	12.97	16.44	33.98	0.58	58.59
H	10.17	9.89	24.11	16.44	33.94	0.58	58.52
H	33.72	6.32	25.21	16.44	34.23	0.58	59.02
H	8.68	18.82	35.23	16.45	34.47	0.58	59.43
H	14.34	29.61	7.85	16.49	34.06	0.58	58.72
H	7.48	21.90	24.96	16.49	34.52	0.58	59.52
H	27.91	11.29	41.91	16.51	34.16	0.58	58.90
H	28.20	3.03	28.02	16.53	33.88	0.58	58.41
H	7.61	17.41	23.26	16.53	34.24	0.58	59.03
H	23.79	34.05	35.95	16.59	34.42	0.57	60.39
H	24.78	18.41	7.38	16.59	34.43	0.58	59.36
H	21.50	3.94	20.89	16.60	34.26	0.58	59.07
H	22.57	15.76	44.23	16.61	34.04	0.58	58.69
H	20.77	27.19	4.26	16.67	34.02	0.58	58.66
H	33.83	5.81	28.25	16.69	33.91	0.58	58.47
H	37.50	17.21	36.74	16.69	33.95	0.58	58.53
H	35.47	8.04	31.99	16.70	33.75	0.57	59.21
H	11.47	18.30	39.58	16.70	33.67	0.58	58.05
H	26.16	14.65	11.51	16.72	34.27	0.57	60.12
H	37.87	35.91	11.83	16.78	33.76	0.58	58.21
H	38.56	24.87	32.04	16.81	34.11	0.58	58.81
H	12.69	11.42	17.30	16.82	34.14	0.59	57.86
H	25.06	44.59	26.23	16.82	34.29	0.58	59.12
H	34.58	40.57	27.86	16.82	34.10	0.58	58.79
H	37.27	9.34	28.88	16.84	33.68	0.58	58.07
H	9.35	22.59	19.41	16.87	34.93	0.57	61.28
H	29.96	21.23	5.96	16.89	34.03	0.58	58.67
H	33.05	15.19	14.21	16.90	34.37	0.58	59.26
H	25.52	30.64	3.45	16.90	34.21	0.59	57.98
H	17.67	40.35	30.15	16.91	34.31	0.58	59.16
H	33.04	31.14	35.10	16.95	34.10	0.58	58.79
H	20.92	43.90	13.68	16.95	33.80	0.58	58.28
H	35.70	27.49	35.92	17.02	34.28	0.58	59.10
H	40.32	18.09	26.00	17.03	34.30	0.58	59.14
H	40.53	35.75	23.01	17.04	34.03	0.58	58.67
H	38.11	23.90	10.28	17.06	33.73	0.58	58.16
H	14.40	26.73	7.17	17.09	33.69	0.58	58.09
H	16.94	20.89	7.58	17.09	34.37	0.58	59.26
H	21.81	39.65	33.09	17.10	34.06	0.58	58.72
H	26.49	6.73	39.60	17.10	33.83	0.58	58.33
H	41.50	31.71	24.52	17.10	33.92	0.58	58.48
H	28.77	43.24	11.66	17.12	33.58	0.58	57.90
H	11.43	37.01	14.10	17.12	34.00	0.58	58.62
H	16.38	16.25	12.50	17.16	33.95	0.57	59.56
H	18.29	41.96	11.55	17.17	33.80	0.58	58.28

H	18.11	23.09	43.70	17.18	34.28	0.57	60.14
H	9.92	35.61	24.36	17.18	34.27	0.58	59.09
H	18.65	30.22	39.89	17.18	34.50	0.57	60.53
H	7.73	12.83	31.59	17.19	34.12	0.58	58.83
H	32.37	29.17	38.38	17.21	33.88	0.58	58.41
H	13.29	41.12	18.07	17.21	33.95	0.59	57.54
H	12.49	30.98	33.45	17.23	34.46	0.57	60.46
H	42.25	27.48	18.20	17.24	34.27	0.58	59.09
H	34.86	15.01	15.61	17.25	34.15	0.58	58.88
H	15.35	9.02	16.25	17.26	34.28	0.58	59.10
H	10.80	26.10	37.22	17.26	34.54	0.57	60.60
H	34.70	9.81	18.46	17.28	34.22	0.58	59.00
H	39.10	18.64	19.57	17.29	34.62	0.58	59.69
H	40.84	30.51	27.48	17.32	34.60	0.57	60.70
H	8.44	13.34	34.74	17.35	33.95	0.58	58.53
H	38.05	30.31	8.70	17.35	34.06	0.58	58.72
H	19.36	27.25	42.56	17.36	34.45	0.58	59.40
H	34.49	39.91	10.58	17.37	33.72	0.58	58.14
H	9.65	12.14	19.60	17.43	34.04	0.59	57.69
H	37.27	40.36	15.18	17.43	33.52	0.58	57.79
H	30.06	19.03	6.70	17.44	34.42	0.58	59.34
H	30.91	43.36	12.41	17.44	33.93	0.58	58.50
H	23.15	7.62	41.30	17.46	33.90	0.58	58.45
H	40.57	22.08	27.85	17.46	34.28	0.58	59.10
H	21.67	1.46	27.07	17.49	34.17	0.58	58.91
H	10.52	18.14	16.11	17.50	34.43	0.58	59.36
H	14.07	32.64	7.27	17.50	33.93	0.58	58.50
H	16.73	36.06	33.79	17.51	34.40	0.57	60.35
H	27.74	42.89	30.46	17.53	33.84	0.58	58.34
H	28.02	30.16	2.97	17.56	34.50	0.58	59.48
H	34.87	21.18	41.04	17.57	34.24	0.59	58.03
H	14.68	3.60	28.53	17.57	33.92	0.59	57.49
H	36.59	10.72	36.27	17.59	34.04	0.58	58.69
H	14.34	10.79	15.19	17.59	33.88	0.58	58.41
H	7.99	27.03	23.48	17.59	34.46	0.57	60.46
H	23.50	40.73	7.36	17.60	33.59	0.58	57.91
H	18.83	5.72	17.11	17.61	34.29	0.58	59.12
H	35.03	29.19	5.64	17.63	33.98	0.57	59.61
H	7.04	25.16	29.61	17.63	34.59	0.58	59.64
H	8.11	31.56	16.77	17.63	34.30	0.58	59.14
H	22.23	41.61	32.08	17.63	34.06	0.57	59.75
H	30.54	15.66	9.86	17.64	34.48	0.57	60.49
H	30.68	38.34	6.40	17.65	33.82	0.59	57.32
H	41.46	24.72	14.82	17.65	33.97	0.58	58.57
H	17.64	25.82	43.09	17.66	34.40	0.58	59.31
H	11.17	7.90	34.43	17.66	33.90	0.59	57.46
H	12.28	17.74	41.60	17.66	33.98	0.58	58.59
H	15.70	6.28	37.66	17.67	33.75	0.59	57.20
H	36.43	26.01	37.52	17.69	34.09	0.58	58.78
H	28.76	9.21	41.76	17.69	34.15	0.58	58.88
H	26.48	37.01	4.57	17.72	33.81	0.58	58.29
H	11.86	26.02	39.29	17.72	34.31	0.57	60.19
H	13.72	24.24	41.75	17.72	34.24	0.58	59.03
H	6.40	23.94	27.84	17.76	34.65	0.58	59.74
H	34.93	34.44	6.48	17.77	33.56	0.58	57.86
H	5.89	15.77	28.22	17.79	33.92	0.58	58.48
H	41.22	34.90	15.45	17.79	33.68	0.58	58.07
H	23.50	30.20	2.59	17.79	34.28	0.58	59.10
H	17.14	17.28	44.51	17.80	33.94	0.58	58.52
H	18.12	41.12	9.43	17.81	33.66	0.58	58.03
H	29.36	33.70	3.58	17.85	33.70	0.58	58.10
H	22.08	27.60	43.46	17.88	34.28	0.58	59.10

H	17.41	23.49	5.05	17.91	34.02	0.58	58.66
H	32.58	23.68	4.77	17.92	33.90	0.58	58.45
H	14.01	36.95	8.77	17.94	33.63	0.58	57.98
H	18.70	27.85	3.54	17.95	33.83	0.58	58.33
H	38.54	18.47	14.24	17.96	34.26	0.57	60.11
H	18.45	15.56	10.23	17.97	33.84	0.57	59.37
H	9.43	33.76	27.39	17.97	34.08	0.58	58.76
H	38.74	39.00	26.35	17.99	33.87	0.58	58.40
H	11.97	30.22	35.89	17.99	34.41	0.57	60.37
H	29.38	3.46	20.76	17.99	33.97	0.58	58.57
H	27.80	2.42	22.04	17.99	33.77	0.58	58.22
H	31.52	34.01	4.21	18.00	33.93	0.58	58.50
H	37.65	15.69	38.48	18.00	34.10	0.58	58.79
H	40.48	13.13	28.44	18.00	33.89	0.58	58.43
H	25.92	2.67	35.43	18.01	34.13	0.57	59.88
H	24.26	14.55	9.34	18.03	34.25	0.58	59.05
H	32.29	44.57	25.57	18.03	33.69	0.58	58.09
H	40.11	13.79	32.51	18.03	33.89	0.58	58.43
H	17.76	2.12	31.60	18.03	34.15	0.58	58.88
H	15.69	29.43	40.32	18.04	34.44	0.56	61.50
H	30.77	7.03	16.42	18.06	34.15	0.58	58.88
H	23.43	33.27	38.81	18.07	34.25	0.57	60.09
H	5.44	17.65	29.45	18.07	34.14	0.58	58.86
H	10.57	11.24	17.73	18.08	33.94	0.59	57.53
H	24.21	31.87	40.45	18.09	34.22	0.57	60.04
H	8.32	32.06	14.53	18.09	34.08	0.58	58.76
H	28.52	15.08	8.98	18.12	34.20	0.57	60.00
H	41.06	15.04	29.60	18.13	34.06	0.58	58.72
H	41.15	37.45	19.28	18.15	33.47	0.58	57.71
H	41.88	21.91	22.15	18.19	34.53	0.58	59.53
H	7.77	25.98	15.82	18.20	34.49	0.58	59.47
H	13.63	14.40	42.67	18.24	33.90	0.58	58.45
H	10.64	39.51	17.37	18.25	34.07	0.58	58.74
H	5.78	23.14	25.89	18.26	34.45	0.58	59.40
H	19.33	22.78	4.03	18.29	34.08	0.58	58.76
H	9.57	21.93	13.71	18.30	34.03	0.58	58.67
H	10.14	15.11	15.88	18.31	34.21	0.58	58.98
H	35.79	6.71	33.84	18.31	33.93	0.57	59.53
H	26.60	1.06	24.90	18.32	34.03	0.58	58.67
H	12.28	35.53	31.47	18.35	34.29	0.58	59.12
H	19.89	2.79	19.74	18.36	34.52	0.58	59.52
H	34.26	22.39	5.66	18.37	34.09	0.58	58.78
H	41.39	36.99	17.06	18.40	33.57	0.58	57.88
H	13.29	6.67	37.32	18.41	33.81	0.58	58.29
H	11.62	38.93	12.88	18.43	34.01	0.58	58.64
H	11.69	10.47	39.42	18.43	33.94	0.58	58.52
H	28.60	1.69	32.37	18.46	33.85	0.58	58.36
H	21.45	6.08	41.13	18.47	34.09	0.58	58.78
H	12.07	35.88	9.26	18.49	33.46	0.58	57.69
H	40.34	19.59	15.08	18.50	33.92	0.57	59.51
H	5.32	20.88	31.33	18.53	34.03	0.58	58.67
H	38.02	40.13	13.05	18.54	33.60	0.59	56.95
H	13.62	41.46	27.43	18.54	34.26	0.58	59.07
H	42.29	27.23	13.29	18.55	33.94	0.58	58.52
H	13.47	42.74	16.42	18.55	33.99	0.58	58.60
H	10.27	33.48	10.16	18.59	34.08	0.58	58.76
H	43.04	32.85	16.84	18.61	33.83	0.58	58.33
H	24.82	23.68	2.37	18.63	34.18	0.58	58.93
H	21.93	34.42	2.74	18.66	33.71	0.58	58.12
H	39.50	13.59	20.02	18.68	34.20	0.58	58.97
H	40.17	12.95	22.11	18.69	33.89	0.58	58.43
H	43.81	27.48	20.84	18.69	34.24	0.58	59.03

H	42.03	24.79	27.40	18.75	34.13	0.58	58.84
H	32.64	2.64	25.83	18.76	33.90	0.58	58.45
H	35.15	13.23	41.45	18.77	34.19	0.58	58.95
H	16.31	15.84	10.05	18.77	33.80	0.57	59.30
H	17.38	42.56	30.47	18.79	34.35	0.58	59.22
H	10.71	5.05	26.78	18.79	34.01	0.58	58.64
H	38.73	38.79	28.77	18.82	33.91	0.58	58.47
H	7.60	28.47	31.48	18.85	34.39	0.58	59.29
H	35.77	37.85	33.02	18.86	33.83	0.58	58.33
H	33.02	31.36	38.37	18.93	34.17	0.58	58.91
H	38.88	41.86	21.92	18.95	34.09	0.58	58.78
H	10.16	33.39	30.88	18.95	34.13	0.58	58.84
H	41.37	19.64	34.05	18.99	34.17	0.58	58.91
H	8.37	31.75	11.85	19.02	33.99	0.58	58.60
H	22.15	18.16	4.83	19.02	34.14	0.58	58.86
H	31.73	14.41	44.45	19.03	33.90	0.58	58.45
H	33.23	16.08	44.00	19.04	33.75	0.58	58.19
H	41.70	21.37	32.57	19.04	34.14	0.57	59.89
H	40.62	11.65	31.90	19.07	34.15	0.58	58.88
H	6.47	14.27	35.44	19.09	34.26	0.58	59.07
H	11.67	4.13	24.71	19.09	34.00	0.59	57.63
H	13.22	21.18	7.47	19.12	34.14	0.58	58.86
H	30.48	2.14	34.00	19.12	34.00	0.58	58.62
H	42.17	16.81	24.75	19.13	34.33	0.58	59.19
H	32.52	41.14	32.98	19.14	33.70	0.58	58.10
H	24.41	36.35	37.89	19.17	34.31	0.57	60.19
H	40.15	26.98	8.39	19.19	33.89	0.58	58.43
H	7.47	8.53	30.94	19.23	33.66	0.59	57.05
H	30.70	10.64	12.11	19.25	33.76	0.58	58.21
H	33.86	30.46	3.10	19.29	34.01	0.57	59.67
H	12.46	26.77	5.91	19.29	33.92	0.58	58.48
H	28.44	0.27	29.33	19.30	33.93	0.58	58.50
H	39.68	9.94	22.56	19.31	33.85	0.58	58.36
H	10.81	41.18	24.09	19.31	33.84	0.58	58.34
H	26.29	4.94	41.02	19.31	34.10	0.59	57.80
H	38.25	22.52	39.75	19.33	34.07	0.58	58.74
H	14.62	43.49	27.21	19.34	33.98	0.58	58.59
H	38.21	24.63	38.96	19.35	34.09	0.58	58.78
H	19.77	11.22	10.52	19.35	33.93	0.58	58.50
H	40.85	11.54	23.67	19.38	33.94	0.58	58.52
H	16.82	0.96	24.41	19.39	34.55	0.59	58.56
H	36.89	14.71	41.26	19.40	33.85	0.58	58.36
H	6.07	26.06	18.41	19.41	34.17	0.58	58.91
H	25.62	4.74	14.77	19.42	33.87	0.58	58.40
H	16.06	38.48	34.45	19.42	34.29	0.58	59.12
H	24.39	27.64	0.85	19.46	34.13	0.58	58.84
H	15.73	1.52	32.41	19.47	34.21	0.58	58.98
H	40.25	26.69	33.77	19.47	33.69	0.58	58.09
H	34.25	7.45	39.42	19.48	33.64	0.59	57.02
H	26.14	41.43	35.15	19.51	34.07	0.58	58.74
H	23.64	0.30	34.05	19.53	34.08	0.58	58.76
H	10.84	11.81	41.12	19.53	33.82	0.59	57.32
H	30.14	8.52	12.76	19.54	33.68	0.59	57.08
H	19.77	38.89	4.32	19.58	33.41	0.58	57.60
H	20.06	43.09	7.78	19.60	33.58	0.59	56.92
H	37.38	43.40	25.21	19.60	33.60	0.59	56.95
H	13.61	29.28	41.32	19.60	34.18	0.57	59.96
H	7.27	25.31	37.01	19.62	34.25	0.57	60.09
H	4.87	12.88	25.46	19.63	33.62	0.59	56.98
H	36.01	14.10	13.09	19.66	34.09	0.58	58.78
H	4.22	19.12	32.27	19.68	33.98	0.58	58.59
H	30.75	36.91	37.33	19.68	33.84	0.58	58.34

H	36.24	25.59	41.26	19.69	33.89	0.58	58.43
H	5.63	11.43	23.84	19.70	33.74	0.58	58.17
H	11.67	39.50	29.89	19.71	33.98	0.58	58.59
H	41.51	28.65	9.15	19.74	34.15	0.58	58.88
H	36.68	4.57	24.70	19.76	33.82	0.58	58.31
H	19.04	2.23	37.71	19.77	33.85	0.58	58.36
H	13.16	1.99	29.18	19.77	34.30	0.59	58.14
H	25.60	37.70	2.53	19.80	33.79	0.58	58.26
H	26.80	7.95	11.73	19.81	33.72	0.58	58.14
H	14.23	38.74	7.01	19.82	33.64	0.58	58.00
H	15.16	9.75	43.50	19.83	33.27	0.59	56.39
H	21.89	39.61	3.91	19.83	33.64	0.58	58.00
H	30.03	31.08	42.07	19.84	34.01	0.58	58.64
H	36.73	34.30	5.03	19.86	33.61	0.58	57.95
H	8.13	8.58	35.41	19.87	33.82	0.59	57.32
H	38.25	6.58	23.00	19.87	33.99	0.58	58.60
H	34.88	19.05	44.16	19.88	33.77	0.58	58.22
H	15.10	40.14	33.15	19.88	34.26	0.58	59.07
H	23.41	36.15	1.83	19.89	33.68	0.58	58.07
H	29.38	2.73	37.93	19.89	33.87	0.58	58.40
H	11.74	31.74	37.61	19.91	34.17	0.57	59.95
H	5.45	18.26	19.33	19.92	34.29	0.58	59.12
H	36.13	34.75	35.83	19.92	34.08	0.58	58.76
H	43.92	22.59	22.88	19.94	34.55	0.57	60.61
H	31.08	4.82	15.98	19.96	34.14	0.58	58.86
H	11.42	14.47	43.36	20.03	34.01	0.59	57.64
H	38.81	6.65	31.84	20.03	33.98	0.58	58.59
H	43.97	32.48	26.20	20.03	34.12	0.58	58.83
H	30.17	27.50	0.87	20.06	34.14	0.57	59.89
H	24.03	12.33	8.93	20.08	34.11	0.58	58.81
H	5.90	29.87	25.80	20.09	33.96	0.59	57.56
H	15.41	28.63	2.66	20.13	33.88	0.58	58.41
H	15.57	1.11	22.51	20.13	34.16	0.58	58.90
H	37.37	11.25	15.56	20.13	33.79	0.58	58.26
H	34.80	41.26	32.91	20.15	33.92	0.58	58.48
H	16.30	3.31	38.62	20.15	33.70	0.58	58.10
H	26.43	2.42	16.60	20.18	33.78	0.58	58.24
H	5.12	16.06	19.84	20.19	34.36	0.58	59.24
H	7.25	22.21	13.73	20.21	34.02	0.58	58.66
H	43.94	36.33	21.23	20.21	33.83	0.58	58.33
H	24.55	5.95	12.39	20.23	33.91	0.58	58.47
H	4.76	12.01	31.77	20.23	33.85	0.58	58.36
H	12.59	4.05	19.35	20.24	34.13	0.58	58.84
H	12.87	2.88	21.31	20.25	34.09	0.58	58.78
H	39.74	17.45	39.84	20.26	33.99	0.58	58.60
H	39.84	28.92	34.26	20.28	33.83	0.58	58.33
H	9.44	41.39	17.65	20.28	34.01	0.57	59.67
H	23.83	13.77	6.77	20.29	34.10	0.58	58.79
H	24.37	15.33	5.16	20.30	33.97	0.58	58.57
H	38.84	17.15	10.74	20.35	34.14	0.59	57.86
H	42.19	36.35	28.59	20.36	33.92	0.59	57.49
H	44.44	23.96	15.78	20.37	33.89	0.59	57.44
H	8.54	25.84	8.88	20.38	33.96	0.58	58.55
H	32.98	2.81	19.71	20.40	33.87	0.58	58.40
H	40.40	7.93	30.85	20.40	33.77	0.58	58.22
H	14.37	7.79	42.53	20.43	33.24	0.59	56.34
H	5.29	33.26	21.81	20.43	33.99	0.59	57.61
H	26.94	20.64	1.64	20.43	34.03	0.58	58.67
H	32.79	1.80	21.66	20.43	33.90	0.58	58.45
H	15.23	2.37	19.00	20.45	33.70	0.59	57.12
H	22.87	3.26	41.19	20.47	33.86	0.59	57.39
H	38.05	37.59	33.61	20.49	33.81	0.58	58.29

H	6.00	35.78	18.17	20.50	34.13	0.58	58.84
H	18.28	36.98	37.77	20.50	34.13	0.58	58.84
H	9.74	27.15	6.82	20.54	33.95	0.58	58.53
H	38.58	43.09	13.88	20.55	33.54	0.58	57.83
H	7.05	6.40	27.65	20.56	33.52	0.59	56.81
H	11.73	4.04	36.17	20.58	33.83	0.58	58.33
H	39.51	39.18	30.84	20.59	33.80	0.58	58.28
H	12.34	33.20	4.74	20.60	33.74	0.58	58.17
H	31.64	3.01	38.27	20.62	33.72	0.58	58.14
H	41.41	32.45	32.48	20.62	33.94	0.58	58.52
H	20.87	40.96	36.42	20.64	33.94	0.58	58.52
H	43.56	37.96	22.81	20.66	33.86	0.58	58.38
H	4.53	24.79	21.86	20.71	34.24	0.58	59.03
H	38.17	39.02	7.71	20.71	33.39	0.59	56.59
H	3.74	22.86	22.79	20.73	34.29	0.58	59.12
H	34.35	7.87	41.70	20.73	33.71	0.58	58.12
H	11.77	19.38	7.55	20.77	33.83	0.58	58.33
H	3.22	19.68	23.07	20.78	34.26	0.58	59.07
H	44.01	20.52	30.36	20.81	34.04	0.58	58.69
H	16.24	35.96	37.69	20.84	34.17	0.58	58.91
H	13.18	12.42	10.94	20.84	34.17	0.58	58.91
H	18.21	42.86	6.46	20.85	33.24	0.59	56.34
H	40.39	43.15	20.67	20.86	33.72	0.58	58.14
H	23.07	21.68	0.76	20.88	34.09	0.58	58.78
H	40.28	10.04	19.27	20.91	33.85	0.58	58.36
H	20.47	4.97	12.57	20.91	34.21	0.58	58.98
H	10.75	43.33	24.91	20.96	33.80	0.58	58.28
H	35.81	5.93	17.01	20.97	33.81	0.58	58.29
H	38.87	40.48	9.33	21.01	33.37	0.59	56.56
H	23.55	43.18	35.55	21.02	33.95	0.59	57.54
H	29.94	32.73	0.05	21.11	33.89	0.58	58.43
H	4.48	28.68	24.52	21.14	34.05	0.58	58.71
H	36.94	23.65	3.46	21.15	33.90	0.58	58.45
H	43.81	14.22	24.71	21.16	34.07	0.58	58.74
H	38.76	14.27	13.12	21.17	34.14	0.58	58.86
H	28.87	42.44	36.11	21.20	33.85	0.58	58.36
H	43.42	17.54	21.03	21.20	33.85	0.58	58.36
H	4.24	32.19	20.06	21.21	34.21	0.58	58.98
H	38.39	27.69	3.69	21.21	33.53	0.58	57.81
H	38.18	20.18	5.88	21.23	33.88	0.58	58.41
H	32.36	27.12	0.33	21.25	34.19	0.57	59.98
H	41.95	36.49	30.89	21.27	34.07	0.59	57.75
H	34.25	9.80	12.00	21.28	33.84	0.59	57.36
H	34.08	0.44	28.91	21.30	33.60	0.58	57.93
H	18.29	4.51	13.00	21.32	33.87	0.58	58.40
H	9.57	40.22	29.31	21.32	34.13	0.58	58.84
H	20.53	10.61	8.44	21.35	33.93	0.58	58.50
H	36.40	33.63	37.82	21.38	33.98	0.59	57.59
H	35.42	6.81	14.95	21.39	33.77	0.58	58.22
H	27.67	42.01	3.55	21.40	33.97	0.58	58.57
H	32.49	41.44	4.54	21.40	33.68	0.59	57.08
H	5.86	7.20	31.87	21.43	33.32	0.59	56.47
H	18.34	16.71	3.98	21.43	34.15	0.58	58.88
H	12.64	10.26	11.50	21.44	34.22	0.58	59.00
H	36.85	25.13	43.41	21.44	33.74	0.58	58.17
H	6.50	30.10	34.82	21.45	34.13	0.58	58.84
H	29.90	37.37	39.39	21.46	33.60	0.58	57.93
H	15.26	21.49	2.71	21.46	34.02	0.58	58.66
H	28.95	20.84	0.63	21.53	33.99	0.58	58.60
H	40.67	18.73	9.25	21.53	33.90	0.58	58.45
H	41.97	23.65	37.75	21.54	34.10	0.58	58.79
H	13.55	38.62	4.85	21.62	33.54	0.58	57.83

H	43.46	37.27	12.25	21.64	33.95	0.58	58.53
H	5.44	30.55	30.85	21.65	34.08	0.58	58.76
H	38.36	10.90	41.46	21.67	33.81	0.58	58.29
H	15.25	2.15	16.72	21.70	33.85	0.59	57.37
H	20.46	33.30	43.88	21.73	33.63	0.58	57.98
H	1.95	20.47	24.76	21.75	34.24	0.59	58.03
H	41.04	6.12	28.99	21.76	33.80	0.59	57.29
H	3.89	26.82	16.16	21.78	33.81	0.58	58.29
H	24.66	42.05	2.91	21.79	33.68	0.58	58.07
H	14.15	27.09	1.55	21.79	33.99	0.58	58.60
H	5.72	17.82	40.65	21.81	33.57	0.59	56.90
H	6.87	8.92	38.17	21.85	33.76	0.59	57.22
H	8.09	35.60	32.09	21.86	34.23	0.58	59.02
H	9.90	16.59	10.55	21.88	33.64	0.58	58.00
H	4.36	34.01	24.75	21.91	33.89	0.58	58.43
H	4.21	27.52	14.05	21.91	33.98	0.58	58.59
H	13.80	4.09	14.88	21.91	33.86	0.58	58.38
H	34.33	40.17	3.84	21.92	33.75	0.58	58.19
H	11.87	41.74	8.48	21.94	33.66	0.59	57.05
H	41.00	18.86	41.10	21.98	33.95	0.59	57.54
H	12.09	31.98	2.82	22.02	33.69	0.59	57.10
H	5.21	6.72	25.23	22.04	33.44	0.58	57.66
H	43.68	27.02	32.11	22.04	33.81	0.58	58.29
H	39.58	10.64	15.36	22.06	33.68	0.58	58.07
H	16.29	10.84	8.64	22.07	34.07	0.59	57.75
H	21.50	16.55	2.29	22.09	34.19	0.58	58.95
H	6.67	20.12	42.30	22.11	33.65	0.58	58.02
H	40.83	5.34	26.00	22.12	33.77	0.58	58.22
H	39.80	38.32	6.59	22.13	33.43	0.59	56.66
H	37.96	5.05	37.31	22.13	33.80	0.58	58.28
H	22.62	0.99	40.98	22.13	33.76	0.58	58.21
H	9.79	4.17	37.42	22.16	33.82	0.58	58.31
H	42.05	11.31	18.60	22.17	33.70	0.58	58.10
H	9.99	11.23	43.86	22.18	33.98	0.59	57.59
H	2.60	23.78	33.89	22.21	33.86	0.58	58.38
H	40.09	21.42	5.57	22.21	33.90	0.58	58.45
H	40.35	26.73	39.95	22.22	34.22	0.58	59.00
H	17.69	14.71	4.81	22.25	34.03	0.58	58.67
H	6.57	8.33	17.89	22.25	33.85	0.59	57.37
H	37.12	3.27	19.89	22.25	33.84	0.58	58.34
H	7.11	39.99	27.01	22.27	33.74	0.58	58.17
H	32.40	39.93	38.19	22.28	33.66	0.58	58.03
H	10.84	40.94	32.30	22.29	33.74	0.58	58.17
H	44.21	39.77	16.01	22.33	34.00	0.59	57.63
H	34.76	11.77	9.51	22.35	33.90	0.58	58.45
H	1.69	13.94	29.85	22.35	33.90	0.58	58.45
H	38.88	6.71	38.57	22.35	33.88	0.59	57.42
H	6.32	25.44	8.73	22.37	33.85	0.58	58.36
H	1.27	16.18	29.87	22.39	33.84	0.58	58.34
H	40.97	31.83	4.64	22.40	33.37	0.59	56.56
H	28.64	34.66	42.92	22.41	33.71	0.58	58.12
H	29.81	12.48	5.66	22.43	34.20	0.58	58.97
H	6.45	4.58	31.36	22.43	33.43	0.59	56.66
H	1.28	21.84	30.09	22.44	33.85	0.57	59.39
H	10.75	42.80	10.19	22.45	33.48	0.59	56.75
H	39.74	43.45	29.18	22.45	33.51	0.59	56.80
H	7.65	21.70	43.68	22.47	33.83	0.58	58.33
H	13.93	36.47	38.16	22.48	34.25	0.58	59.05
H	7.37	30.97	6.69	22.49	33.64	0.58	58.00
H	4.30	25.86	37.58	22.54	34.23	0.57	60.05
H	36.03	0.17	27.77	22.54	33.66	0.59	57.05
H	13.37	19.29	3.60	22.55	34.03	0.58	58.67

H	3.88	36.30	19.05	22.59	34.07	0.59	57.75
H	19.36	0.85	14.87	22.60	34.03	0.58	58.67
H	32.59	9.72	9.40	22.60	33.76	0.59	57.22
H	36.86	0.97	24.67	22.60	33.48	0.58	57.72
H	2.24	16.92	35.60	22.61	34.35	0.58	59.22
H	20.16	35.39	43.02	22.63	33.46	0.58	57.69
H	40.48	15.99	9.64	22.64	34.10	0.59	57.80
H	10.84	15.90	8.43	22.67	33.70	0.58	58.10
H	7.99	31.33	38.90	22.68	34.02	0.58	58.66
H	6.07	13.11	41.41	22.70	33.80	0.59	57.29
H	44.28	23.23	35.74	22.71	33.95	0.58	58.53
H	6.71	36.95	30.73	22.72	34.09	0.58	58.78
H	19.73	42.63	37.50	22.72	33.93	0.58	58.50
H	8.57	1.68	29.58	22.75	33.68	0.59	57.08
H	15.88	33.92	0.11	22.76	33.98	0.58	58.59
H	42.99	32.12	34.10	22.79	33.83	0.58	58.33
H	13.81	33.58	42.46	22.82	33.89	0.58	58.43
H	26.58	3.50	44.53	22.83	33.82	0.58	58.31
H	9.96	44.38	13.22	22.85	34.14	0.59	57.86
H	41.70	28.60	37.55	22.85	34.04	0.58	58.69
H	5.11	7.38	20.45	22.86	33.75	0.59	57.20
H	44.25	17.03	15.92	22.86	33.93	0.58	58.50
H	42.32	12.35	39.02	22.86	33.61	0.59	56.97
H	40.69	27.66	3.49	22.87	33.80	0.58	58.28
H	41.21	19.19	7.07	22.90	34.09	0.58	58.78
H	43.57	38.07	10.13	22.92	33.70	0.58	58.10
H	1.49	25.34	29.63	22.93	34.19	0.58	58.95
H	1.75	26.27	26.71	22.93	34.12	0.58	58.83
H	38.26	29.83	41.53	22.94	34.28	0.58	59.10
H	3.74	21.07	16.34	22.94	33.86	0.58	58.38
H	40.11	21.03	43.56	22.97	33.67	0.58	58.05
H	9.26	31.52	40.85	22.98	33.83	0.58	58.33
H	36.24	17.04	3.93	22.99	33.95	0.59	57.54
H	3.94	18.88	15.70	22.99	34.10	0.58	58.79
H	12.14	42.40	33.50	23.00	33.80	0.58	58.28
H	7.87	17.52	10.20	23.01	33.79	0.58	58.26
H	43.62	16.74	13.73	23.02	34.15	0.58	58.88
H	26.64	41.53	39.43	23.03	33.84	0.59	57.36
H	9.60	39.13	6.70	23.06	33.60	0.59	56.95
H	37.01	15.60	5.56	23.06	34.00	0.59	57.63
H	38.21	1.37	30.78	23.08	33.63	0.58	57.98
H	5.34	31.78	8.82	23.09	33.65	0.58	58.02
H	9.79	27.33	44.55	23.11	33.45	0.58	57.67
H	42.74	43.19	24.80	23.11	34.17	0.59	57.92
H	4.90	23.03	41.14	23.13	34.17	0.58	58.91
H	35.60	1.80	37.73	23.13	33.33	0.59	56.49
H	4.94	15.87	41.55	23.15	33.49	0.59	56.76
H	3.21	12.99	18.26	23.15	33.79	0.58	58.26
H	2.37	9.23	26.78	23.16	33.93	0.59	57.51
H	34.59	21.12	0.54	23.17	33.63	0.58	57.98
H	6.21	22.73	42.97	23.18	33.95	0.59	57.54
H	2.02	29.76	20.90	23.19	34.10	0.58	58.79
H	14.43	2.80	42.07	23.20	33.86	0.59	57.39
H	12.03	0.54	36.51	23.20	34.07	0.58	58.74
H	10.96	37.31	36.55	23.22	34.25	0.58	59.05
H	42.67	10.44	37.82	23.23	33.74	0.58	58.17
H	2.17	28.03	23.43	23.25	34.18	0.58	58.93
H	44.59	22.75	9.01	23.25	33.70	0.59	57.12
H	5.30	39.65	25.63	23.25	33.99	0.58	58.60
H	3.55	33.13	12.84	23.26	34.19	0.59	57.95
H	41.42	22.41	42.22	23.26	33.80	0.59	57.29
H	36.06	1.37	19.17	23.28	34.00	0.58	58.62

H	2.30	12.56	20.38	23.28	33.89	0.58	58.43
H	7.86	37.86	7.51	23.31	33.44	0.59	56.68
H	10.82	23.56	2.68	23.31	33.96	0.58	58.55
H	5.39	39.10	13.38	23.31	33.83	0.59	57.34
H	39.16	1.65	28.69	23.33	33.66	0.59	57.05
H	38.16	22.55	1.91	23.34	33.99	0.58	58.60
H	41.92	5.96	34.09	23.38	33.81	0.58	58.29
H	27.88	8.78	7.29	23.39	33.70	0.58	58.10
H	0.84	16.94	33.78	23.39	34.12	0.58	58.83
H	2.88	31.06	13.54	23.40	33.89	0.58	58.43
H	11.69	4.17	13.93	23.43	33.79	0.58	58.26
H	4.40	23.28	10.92	23.46	33.81	0.58	58.29
H	43.43	17.73	40.11	23.46	33.72	0.59	57.15
H	4.27	30.32	35.27	23.49	33.79	0.58	58.26
H	9.23	25.04	3.43	23.50	33.89	0.58	58.43
H	41.01	37.23	5.03	23.50	33.52	0.59	56.81
H	16.98	40.78	1.65	23.56	33.83	0.58	58.33
H	4.85	15.74	13.75	23.57	33.63	0.58	57.98
H	7.05	27.33	5.28	23.57	33.94	0.58	58.52
H	7.02	43.70	17.80	23.58	33.77	0.58	58.22
H	17.13	38.83	0.45	23.58	33.50	0.59	56.78
H	36.13	4.10	41.26	23.60	33.50	0.58	57.76
H	29.46	36.70	42.15	23.61	33.69	0.59	57.10
H	8.58	10.81	11.41	23.61	33.97	0.59	57.58
H	24.50	39.05	41.57	23.63	33.51	0.59	56.80
H	38.82	6.58	14.79	23.67	33.79	0.59	57.27
H	38.48	43.66	33.12	23.69	33.35	0.59	56.53
H	4.52	37.30	12.26	23.70	33.91	0.59	57.47
H	31.76	40.80	0.82	23.73	33.80	0.58	58.28
H	2.91	9.98	36.05	23.77	33.50	0.59	56.78
H	41.73	42.81	30.11	23.77	33.77	0.58	58.22
H	9.50	29.51	44.00	23.78	33.69	0.58	58.09
H	2.32	20.11	38.85	23.79	34.01	0.59	57.64
H	13.68	7.30	9.55	23.79	33.85	0.58	58.36
H	43.67	9.09	20.15	23.79	33.60	0.58	57.93
H	44.19	7.93	32.11	23.84	34.07	0.58	58.74
H	24.94	8.23	6.63	23.84	33.83	0.58	58.33
H	38.35	28.80	43.63	23.85	34.30	0.59	58.14
H	40.44	10.28	42.28	23.86	33.58	0.58	57.90
H	42.37	33.58	4.23	23.96	33.58	0.59	56.92
H	1.57	18.21	37.77	23.97	33.97	0.58	58.57
H	1.57	25.40	35.29	23.97	34.02	0.58	58.66
H	12.82	3.76	43.38	24.05	33.66	0.59	57.05
H	13.87	13.85	5.19	24.09	33.84	0.58	58.34
H	13.97	3.25	12.14	24.12	33.71	0.59	57.14
H	28.79	13.36	2.13	24.13	34.03	0.59	57.68
H	8.49	32.57	3.23	24.13	34.22	0.58	59.00
H	13.93	22.10	0.01	24.13	34.09	0.58	58.78
H	1.20	31.30	19.17	24.13	34.12	0.58	58.83
H	22.73	43.13	0.93	24.14	34.01	0.58	58.64
H	3.62	33.55	30.14	24.18	33.95	0.58	58.53
H	41.20	34.62	37.47	24.21	33.67	0.59	57.07
H	3.31	25.25	10.45	24.24	33.78	0.58	58.24
H	4.94	10.20	14.76	24.27	34.07	0.59	57.75
H	12.01	37.18	39.21	24.36	34.18	0.58	58.93
H	31.41	11.02	4.86	24.37	33.99	0.58	58.60
H	16.22	9.43	6.62	24.38	33.97	0.58	58.57
H	10.95	13.90	7.29	24.39	33.68	0.58	58.07
H	1.63	23.37	17.09	24.39	33.90	0.58	58.45
H	19.33	3.80	9.15	24.40	34.23	0.59	58.02
H	17.61	40.20	40.50	24.41	33.99	0.58	58.60
H	0.49	16.71	19.77	24.43	34.09	0.58	58.78

H	42.21	26.97	41.28	24.45	34.10	0.58	58.79
H	9.62	6.85	44.18	24.46	33.55	0.59	56.86
H	13.11	43.15	36.03	24.47	33.86	0.58	58.38
H	36.02	10.68	7.98	24.47	33.64	0.59	57.02
H	13.22	17.59	2.12	24.48	33.80	0.58	58.28
H	5.55	2.58	32.08	24.51	33.78	0.58	58.24
H	42.06	3.07	25.76	24.52	33.91	0.59	57.47
H	43.46	6.99	35.58	24.52	33.83	0.58	58.33
H	8.92	3.12	39.92	24.52	33.68	0.59	57.08
H	42.70	13.90	42.25	24.52	33.91	0.58	58.47
H	2.77	38.69	21.96	24.53	33.52	0.59	56.81
H	8.19	37.97	5.05	24.56	33.44	0.59	56.68
H	7.69	2.91	38.04	24.57	33.55	0.58	57.84
H	29.99	14.68	0.77	24.58	33.95	0.58	58.53
H	32.56	40.58	40.56	24.58	33.64	0.58	58.00
H	39.05	35.61	39.43	24.61	33.82	0.59	57.32
H	43.33	13.29	14.46	24.61	34.17	0.59	57.92
H	44.48	42.93	26.28	24.62	34.01	0.59	57.64
H	8.30	1.81	18.50	24.65	33.94	0.58	58.52
H	6.17	41.06	10.34	24.67	33.69	0.59	57.10
H	2.12	35.03	26.61	24.70	34.19	0.58	58.95
H	2.78	31.94	31.57	24.71	33.92	0.58	58.48
H	26.08	3.39	8.80	24.73	33.81	0.58	58.29
H	7.31	0.02	28.66	24.78	33.41	0.59	56.63
H	3.38	5.79	21.36	24.80	33.66	0.59	57.05
H	13.98	38.99	0.58	24.80	33.65	0.59	57.03
H	5.82	43.68	24.90	24.82	33.75	0.58	58.19
H	5.11	15.43	11.47	24.85	33.72	0.59	57.15
H	1.07	11.32	35.76	24.85	33.47	0.59	56.73
H	19.38	44.09	1.48	24.86	33.81	0.58	58.29
H	8.62	8.65	10.69	24.90	33.87	0.59	57.41
H	27.00	43.65	40.22	24.91	33.66	0.58	58.03
H	25.03	14.00	0.26	24.92	33.95	0.58	58.53
H	38.44	4.04	41.19	24.92	33.41	0.59	56.63
H	4.41	7.36	39.28	24.94	34.02	0.59	57.66
H	38.59	6.39	12.54	24.94	33.88	0.58	58.41
H	42.65	6.01	18.46	24.99	33.83	0.59	57.34
H	10.76	39.14	37.90	25.00	34.27	0.57	60.12
H	3.53	9.07	16.24	25.05	33.71	0.59	57.14
H	21.21	4.77	7.27	25.09	33.97	0.59	57.58
H	41.38	5.42	16.66	25.10	33.63	0.59	57.00
H	1.17	7.29	26.39	25.11	33.73	0.59	57.17
H	37.38	9.03	9.49	25.12	33.69	0.59	57.10
H	44.05	17.13	42.24	25.17	33.92	0.58	58.48
H	5.74	6.14	40.62	25.20	34.03	0.58	58.67
H	35.10	34.54	43.92	25.28	33.60	0.58	57.93
H	19.26	11.39	2.98	25.28	33.77	0.58	58.22
H	27.18	10.52	2.91	25.33	33.92	0.58	58.48
H	4.04	39.51	29.30	25.34	33.59	0.58	57.91
H	43.32	4.79	20.82	25.38	33.74	0.58	58.17
H	42.74	2.53	30.26	25.40	33.59	0.59	56.93
H	39.75	16.72	3.30	25.44	33.69	0.59	57.10
H	41.68	43.64	7.72	25.44	33.25	0.58	57.33
H	40.70	44.22	33.36	25.46	33.23	0.58	57.29
H	42.00	10.53	12.64	25.46	33.91	0.58	58.47
H	34.68	44.37	38.13	25.50	33.42	0.58	57.62
H	0.23	34.15	19.86	25.51	33.86	0.58	58.38
H	43.10	39.70	34.93	25.57	33.89	0.59	57.44
H	0.39	29.57	31.01	25.58	34.12	0.58	58.83
H	3.37	12.00	42.32	25.61	33.50	0.59	56.78
H	41.15	42.64	5.70	25.62	33.21	0.59	56.29
H	6.05	38.01	5.87	25.62	33.49	0.59	56.76

H	38.85	10.52	8.51	25.72	33.79	0.58	58.26
H	13.11	41.05	1.09	25.72	33.48	0.58	57.72
H	8.62	32.50	0.91	25.72	34.21	0.59	57.98
H	4.12	40.13	10.67	25.73	33.91	0.59	57.47
H	43.33	37.62	36.33	25.78	33.80	0.59	57.29
H	5.89	35.22	37.36	25.78	33.85	0.58	58.36
H	35.14	3.16	11.15	25.79	33.47	0.59	56.73
H	38.03	39.53	0.58	25.80	33.19	0.59	56.25
H	23.68	39.70	43.64	25.81	33.52	0.58	57.79
H	0.79	8.25	21.38	25.82	33.73	0.59	57.17
H	44.55	29.44	38.32	25.82	34.04	0.58	58.69
H	28.22	5.12	6.56	25.84	33.77	0.58	58.22
H	25.80	0.52	9.84	25.86	34.04	0.58	58.69
H	44.06	20.98	43.36	25.87	33.95	0.59	57.54
H	6.50	21.35	3.97	25.90	34.12	0.59	57.83
H	39.17	41.86	37.77	25.91	33.30	0.58	57.41
H	9.22	17.52	3.27	25.93	34.06	0.59	57.73
H	15.59	41.14	41.00	25.94	33.68	0.58	58.07
H	4.14	19.73	8.13	25.95	33.71	0.59	57.14
H	7.94	42.17	34.40	25.97	33.60	0.59	56.95
H	3.82	30.12	40.74	25.99	33.84	0.58	58.34
H	12.97	1.19	11.94	26.01	33.79	0.59	57.27
H	12.40	44.16	3.50	26.03	33.63	0.59	57.00
H	7.48	43.46	32.57	26.04	33.59	0.59	56.93
H	0.80	6.29	30.99	26.04	34.09	0.58	58.78
H	1.54	39.91	20.41	26.09	33.43	0.59	56.66
H	6.91	19.14	4.32	26.12	33.83	0.59	57.34
H	9.54	1.97	13.59	26.13	33.82	0.59	57.32
H	44.55	25.24	3.08	26.13	33.59	0.58	57.91
H	11.11	36.28	43.08	26.17	34.22	0.58	59.00
H	33.95	36.48	44.21	26.21	33.54	0.58	57.83
H	22.96	3.54	6.64	26.23	33.98	0.59	57.59
H	2.78	3.71	22.18	26.23	33.60	0.59	56.95
H	5.22	29.81	43.45	26.31	33.89	0.58	58.43
H	0.96	37.93	15.37	26.32	34.05	0.59	57.71
H	37.32	41.72	0.75	26.32	33.25	0.59	56.36
H	12.00	4.85	8.74	26.34	33.74	0.59	57.19
H	20.86	11.81	0.65	26.35	33.88	0.58	58.41
H	30.41	5.60	6.20	26.39	33.79	0.58	58.26
H	16.17	6.59	5.68	26.41	33.89	0.58	58.43
H	0.77	27.99	10.17	26.42	34.01	0.58	58.64
H	42.70	4.30	38.68	26.45	33.41	0.58	57.60
H	2.43	42.37	19.89	26.46	33.71	0.59	57.14
H	43.59	2.40	23.18	26.46	33.89	0.58	58.43
H	4.38	1.08	23.03	26.49	33.73	0.59	57.17
H	18.36	1.96	8.12	26.52	34.06	0.59	57.73
H	29.02	42.89	42.50	26.57	33.64	0.58	58.00
H	4.49	36.73	35.03	26.61	33.78	0.58	58.24
H	30.49	39.53	44.05	26.61	33.37	0.59	56.56
H	3.38	2.61	34.60	26.63	33.80	0.58	58.28
H	43.93	13.61	44.16	26.68	33.70	0.58	58.10
H	3.45	5.40	16.36	26.70	33.99	0.59	57.61
H	2.76	2.05	30.06	26.71	33.81	0.58	58.29
H	41.72	17.60	2.56	26.71	33.81	0.59	57.31
H	36.22	0.40	13.31	26.79	33.47	0.58	57.71
H	34.03	2.85	9.20	26.82	33.56	0.59	56.88
H	1.34	9.21	39.77	26.84	33.65	0.58	58.02
H	13.77	11.74	2.97	26.88	33.83	0.59	57.34
H	1.84	4.26	34.90	26.96	33.41	0.58	57.60
H	0.86	32.33	34.27	27.04	33.98	0.58	58.59
H	0.28	12.09	15.66	27.04	34.32	0.59	58.17
H	23.10	9.77	1.22	27.04	33.63	0.58	57.98

H	3.43	31.71	4.37	27.08	33.37	0.58	57.53
H	36.94	11.77	2.72	27.17	33.72	0.59	57.15
H	4.00	43.89	12.13	27.20	33.82	0.58	58.31
H	0.05	33.68	11.01	27.21	33.61	0.58	57.95
H	2.12	30.69	5.88	27.24	33.41	0.58	57.60
H	0.24	30.06	9.28	27.28	34.11	0.59	57.81
H	44.42	29.10	0.83	27.33	33.58	0.59	56.92
H	0.88	34.93	9.30	27.34	33.63	0.59	57.00
H	2.72	0.91	28.06	27.38	33.65	0.58	58.02
H	44.52	1.74	31.52	27.40	33.67	0.58	58.05
H	18.12	10.53	1.10	27.44	33.87	0.58	58.40
H	3.24	37.65	6.26	27.46	33.16	0.58	57.17
H	42.63	32.63	41.93	27.48	33.89	0.59	57.44
H	9.55	7.15	7.26	27.50	33.56	0.58	57.86
H	3.70	42.52	30.73	27.52	33.87	0.58	58.40
H	9.55	15.90	1.68	27.52	34.03	0.59	57.68
H	43.73	9.10	12.00	27.60	33.83	0.58	58.33
H	1.91	39.93	30.12	27.60	33.68	0.58	58.07
H	42.63	3.86	40.88	27.60	33.47	0.58	57.71
H	2.07	23.24	6.22	27.62	33.94	0.58	58.52
H	4.43	28.34	1.98	27.66	33.65	0.58	58.02
H	1.92	19.44	8.63	27.66	33.66	0.59	57.05
H	37.33	0.74	43.53	27.66	33.53	0.59	56.83
H	26.89	8.37	1.75	27.66	33.90	0.58	58.45
H	39.47	40.91	40.68	27.68	33.36	0.58	57.52
H	43.72	13.72	6.26	27.73	33.85	0.59	57.37
H	0.34	20.84	10.89	27.74	33.60	0.58	57.93
H	6.91	13.05	6.31	27.81	34.09	0.58	58.78
H	42.34	37.83	0.20	27.87	33.53	0.58	57.81
H	3.73	26.27	2.65	27.87	33.67	0.58	58.05
H	40.86	0.44	16.32	27.89	33.80	0.58	58.28
H	30.69	7.78	2.84	27.89	33.95	0.59	57.54
H	44.10	2.06	19.66	27.90	33.76	0.59	57.22
H	15.00	4.63	5.43	27.91	33.64	0.59	57.02
H	22.94	44.19	43.52	27.95	33.83	0.59	57.34
H	31.02	43.82	43.21	28.01	33.57	0.58	57.88
H	2.77	40.89	31.99	28.01	33.74	0.58	58.17
H	37.18	38.14	43.84	28.04	33.06	0.59	56.03
H	0.26	32.17	36.50	28.06	33.69	0.58	58.09
H	10.53	43.60	39.15	28.09	33.87	0.58	58.40
H	43.69	37.85	39.45	28.14	33.40	0.59	56.61
H	42.34	6.10	11.46	28.14	33.70	0.58	58.10
H	34.26	5.82	5.46	28.14	33.60	0.58	57.93
H	35.23	8.79	3.28	28.15	33.81	0.59	57.31
H	0.10	7.46	38.96	28.20	33.54	0.58	57.83
H	42.49	31.93	44.12	28.24	34.01	0.58	58.64
H	3.45	3.38	15.27	28.25	33.67	0.59	57.07
H	1.56	44.16	17.53	28.27	33.67	0.59	57.07
H	3.26	41.92	8.03	28.29	33.49	0.59	56.76
H	10.29	38.33	43.71	28.30	34.13	0.58	58.84
H	43.60	5.31	13.26	28.39	33.68	0.58	58.07
H	43.85	44.44	35.06	28.46	33.62	0.58	57.97
H	3.68	35.56	2.85	28.46	33.73	0.59	57.17
H	7.20	38.57	40.53	28.47	33.62	0.58	57.97
H	37.23	42.56	42.16	28.51	33.55	0.59	56.86
H	6.68	14.13	4.32	28.52	34.07	0.58	58.74
H	42.09	0.84	39.89	28.56	33.25	0.59	56.36
H	39.14	12.26	1.67	28.57	33.56	0.59	56.88
H	38.82	36.65	44.37	28.72	33.21	0.59	56.29
H	7.76	1.12	44.30	28.76	33.28	0.59	56.41
H	7.37	42.50	2.14	28.83	33.22	0.59	56.31
H	11.50	2.81	7.03	28.91	33.83	0.59	57.34

H	10.39	6.68	5.15	28.92	33.22	0.59	56.31
H	43.30	0.24	18.19	28.93	33.76	0.59	57.22
H	19.03	44.53	43.86	28.99	33.64	0.58	58.00
H	1.72	43.88	12.07	29.03	33.93	0.59	57.51
H	2.92	33.50	2.19	29.04	33.80	0.58	58.28
H	7.90	40.73	40.38	29.06	33.69	0.58	58.09
H	3.23	4.83	12.25	29.15	33.83	0.59	57.34
H	1.23	27.07	3.67	29.19	33.31	0.59	56.46
H	9.84	42.51	41.02	29.21	33.61	0.58	57.95
H	43.84	41.45	1.60	29.23	33.35	0.59	56.53
H	34.94	9.09	1.05	29.24	33.66	0.59	57.05
H	40.90	10.48	3.77	29.27	33.69	0.58	58.09
H	24.75	0.88	4.85	29.27	33.69	0.58	58.09
H	5.15	41.98	37.23	29.35	33.73	0.58	58.16
H	1.41	29.97	43.95	29.41	33.54	0.58	57.83
H	1.23	40.87	8.01	29.46	33.56	0.59	56.88
H	31.40	0.85	5.96	29.50	33.94	0.58	58.52
H	1.84	39.21	5.35	29.56	33.37	0.59	56.56
H	12.51	8.48	2.41	29.62	34.07	0.59	57.75
H	36.37	6.01	4.52	29.67	33.56	0.59	56.88
H	3.66	9.58	7.81	29.67	34.02	0.59	57.66
H	21.43	4.25	2.14	29.69	33.62	0.58	57.97
H	4.01	1.07	41.81	29.75	33.03	0.59	55.98
H	29.22	0.19	5.48	29.76	33.85	0.58	58.36
H	10.59	9.68	2.67	29.77	33.70	0.59	57.12
H	41.00	0.57	12.26	29.81	33.50	0.59	56.78
H	40.47	38.86	44.03	29.98	33.39	0.59	56.59
H	1.99	5.88	44.57	30.06	33.78	0.59	57.25
H	38.55	3.17	7.19	30.08	33.22	0.59	56.31
H	0.97	21.88	3.70	30.15	33.62	0.58	57.97
H	5.56	41.59	1.14	30.20	33.40	0.60	55.67
H	0.72	13.07	8.79	30.24	33.90	0.59	57.46
H	4.85	40.85	39.21	30.28	33.36	0.58	57.52
H	2.92	41.71	4.18	30.31	33.46	0.59	56.71
H	43.03	9.92	4.42	30.47	33.73	0.59	57.17
H	39.57	1.65	8.60	30.50	33.13	0.59	56.15
H	29.62	5.45	1.17	30.53	33.88	0.59	57.42
H	18.47	4.59	1.37	30.54	33.64	0.59	57.02
H	3.74	7.26	7.61	30.56	33.82	0.59	57.32
H	2.39	2.28	42.84	30.64	33.10	0.59	56.10
H	3.00	35.81	43.32	30.68	33.41	0.59	56.63
H	3.00	17.33	2.45	30.69	33.59	0.58	57.91
H	7.96	0.54	8.72	30.71	33.64	0.59	57.02
H	41.82	4.27	8.11	30.73	33.56	0.58	57.86
H	1.77	5.38	10.60	30.82	33.61	0.58	57.95
H	35.47	2.40	4.79	30.85	33.79	0.59	57.27
H	4.61	37.18	44.18	30.89	33.65	0.59	57.03
H	10.13	2.46	5.28	30.95	33.64	0.59	57.02
H	1.83	38.69	38.44	31.15	33.61	0.58	57.95
H	13.78	1.41	3.96	31.16	33.60	0.59	56.95
H	43.27	43.10	41.52	31.34	33.47	0.59	56.73
H	42.34	0.99	10.46	31.34	33.52	0.58	57.79
H	24.23	0.24	2.71	31.35	33.81	0.58	58.29
H	2.06	21.49	0.31	31.41	33.69	0.59	57.10
H	44.60	11.41	2.67	31.48	33.79	0.58	58.26
H	24.45	3.06	0.55	31.62	33.79	0.58	58.26
H	43.19	6.30	6.28	31.90	33.62	0.59	56.98
H	0.99	16.72	3.32	31.93	33.56	0.58	57.86
H	36.46	0.38	5.32	31.97	33.62	0.59	56.98
H	8.26	10.29	0.34	32.06	33.68	0.59	57.08
H	1.51	43.06	36.61	32.08	33.70	0.58	58.10
H	3.56	8.24	4.50	32.49	33.71	0.59	57.14

H	1.10	42.00	2.80	32.51	33.61	0.59	56.97
H	31.21	3.23	0.47	32.53	33.89	0.58	58.43
H	7.96	0.51	5.65	32.73	33.59	0.59	56.93
H	4.00	3.00	6.83	32.75	33.78	0.59	57.25
H	3.11	1.61	8.39	33.03	33.59	0.59	56.93
H	11.18	5.32	0.12	33.25	33.75	0.59	57.20
H	1.20	40.95	0.56	33.30	33.39	0.59	56.59
H	4.70	7.05	2.89	33.41	33.44	0.59	56.68
H	37.99	5.30	0.28	33.44	33.40	0.59	56.61
H	32.30	1.28	0.01	34.16	33.77	0.58	58.22
H	40.27	5.22	0.58	34.26	33.54	0.58	57.83
H	1.02	12.86	1.26	34.65	33.88	0.58	58.41
H	4.47	8.89	0.45	34.82	33.58	0.59	56.92
H	42.44	1.48	3.89	35.23	33.54	0.59	56.85
H	3.37	1.11	4.18	35.78	33.37	0.59	56.56
H	7.02	3.21	0.18	35.82	33.05	0.59	56.02
H	41.04	0.92	2.14	36.01	33.32	0.59	56.47
H	2.35	8.02	0.37	36.34	33.80	0.59	57.29
H	1.60	2.84	2.34	37.24	33.77	0.59	57.24
H	0.16	5.07	1.12	38.06	33.82	0.59	57.32

[a]distance to the nearest electron spin.

Table S6. Coordinates and polarizations calculated for the fourth bTbK conformation

	x / Å	y / Å	z / Å	d^{A} / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	23.90	29.26	22.08				
e	22.02	20.21	25.65				
H	22.73	21.82	24.17	2.30	68.91	0.07	984.43
H	22.44	29.42	20.20	2.39	69.10	0.05	1382.00
H	21.54	28.64	22.38	2.46	66.21	0.05	1324.20
H	20.89	22.45	26.15	2.56	61.48	0.08	768.50
H	25.21	29.87	24.23	2.59	62.21	0.07	888.71
H	21.65	20.16	28.25	2.62	63.54	0.09	706.00
H	22.88	18.19	24.06	2.71	65.11	0.09	723.44
H	22.00	17.48	25.47	2.74	65.71	0.10	657.10
H	26.14	30.62	22.88	2.74	61.70	0.07	881.43
H	23.91	28.79	19.36	2.76	64.96	0.06	1082.67
H	22.39	18.72	27.98	2.79	62.75	0.10	627.50
H	25.98	28.49	20.11	2.97	64.22	0.08	802.75
H	22.33	23.26	25.37	3.08	63.18	0.09	702.00
H	22.03	26.95	22.97	3.10	65.86	0.06	1097.67
H	25.40	27.32	24.19	3.24	62.69	0.08	783.63
H	25.06	26.59	20.31	3.40	64.07	0.09	711.89
H	24.70	20.96	27.68	3.45	61.78	0.12	514.83
H	22.30	27.82	19.28	3.53	66.64	0.07	952.00
H	23.12	20.85	28.98	3.56	62.42	0.11	567.45
H	21.12	27.12	21.38	3.58	65.94	0.05	1318.80
H	24.19	18.91	28.17	3.58	62.02	0.12	516.83
H	21.64	21.97	28.76	3.59	62.80	0.10	628.00
H	27.38	29.22	21.11	3.61	63.50	0.09	705.56
H	27.00	29.44	23.93	3.62	61.87	0.08	773.38
H	23.48	17.38	27.42	3.64	61.80	0.12	515.00
H	25.37	18.95	24.93	3.65	62.35	0.12	519.58
H	22.05	23.54	27.14	3.65	61.94	0.09	688.22
H	23.80	17.06	25.15	3.66	63.71	0.12	530.92
H	23.31	21.56	22.46	3.70	66.99	0.09	744.33
H	19.87	19.32	22.68	3.77	59.47	0.21	283.19
H	24.65	22.58	27.03	3.80	61.37	0.12	511.42
H	25.57	19.21	26.74	3.84	61.93	0.12	516.08
H	26.79	26.95	23.20	3.86	63.08	0.09	700.89
H	27.13	27.40	21.01	3.88	63.63	0.09	707.00

H	23.56	25.59	20.76	3.91	63.66	0.10	636.60
H	18.29	19.84	27.25	4.07	50.58	0.31	163.16
H	22.39	24.12	24.11	4.22	62.93	0.10	629.30
H	21.08	29.69	25.37	4.35	57.53	0.19	302.79
H	24.54	23.93	25.52	4.50	61.43	0.13	472.54
H	22.81	29.39	26.75	4.79	57.47	0.19	302.47
H	22.76	24.11	22.28	5.20	62.50	0.12	520.83
H	19.90	22.74	21.62	5.21	52.45	0.28	187.32
H	18.70	30.43	20.99	5.44	47.19	0.36	131.08
H	24.88	16.89	22.33	5.50	48.71	0.35	139.17
H	22.82	15.06	27.90	5.68	49.80	0.32	155.63
H	27.03	30.23	17.41	5.71	42.83	0.44	97.34
H	19.54	32.40	20.15	5.71	47.46	0.37	128.27
H	18.36	24.37	27.04	5.71	44.90	0.39	115.13
H	26.06	24.10	24.50	5.73	60.94	0.14	435.29
H	28.13	33.11	22.89	5.78	45.40	0.38	119.47
H	26.15	22.67	22.40	5.81	60.83	0.14	434.50
H	24.69	23.16	21.35	5.86	61.14	0.14	436.71
H	24.11	28.84	16.07	6.02	43.64	0.42	103.90
H	27.16	28.44	27.11	6.05	53.73	0.24	223.88
H	27.14	34.36	21.23	6.10	45.43	0.38	119.55
H	17.92	15.95	27.23	6.11	43.68	0.41	106.54
H	22.75	35.14	23.31	6.11	39.88	0.47	84.85
H	16.90	18.78	28.76	6.15	46.75	0.37	126.35
H	24.76	23.56	30.29	6.35	45.44	0.39	116.51
H	30.16	28.79	23.06	6.36	47.57	0.34	139.91
H	23.92	24.86	17.37	6.44	44.07	0.41	107.49
H	20.58	14.35	23.30	6.48	45.89	0.39	117.67
H	25.11	34.81	25.25	6.50	40.28	0.47	85.70
H	16.09	21.35	23.17	6.53	45.69	0.40	114.23
H	26.56	17.09	29.29	6.61	45.96	0.38	120.95
H	19.63	18.54	19.71	6.61	44.52	0.41	108.59
H	23.56	14.43	22.57	6.73	46.16	0.38	121.47
H	27.71	16.68	26.47	6.75	45.36	0.39	116.31
H	25.58	20.60	31.39	6.77	43.95	0.41	107.20
H	27.60	26.22	27.00	6.87	53.73	0.24	223.88
H	17.48	30.63	24.34	6.95	40.20	0.47	85.53
H	18.20	24.17	21.25	7.04	50.91	0.32	159.09
H	15.63	23.12	24.53	7.11	45.39	0.40	113.48
H	19.35	25.61	17.78	7.25	41.16	0.45	91.47
H	15.84	16.36	26.40	7.32	43.52	0.43	101.21
H	22.22	29.41	14.85	7.42	43.11	0.42	102.64
H	22.28	35.42	17.98	7.58	39.22	0.49	80.04
H	24.20	13.29	27.93	7.60	47.92	0.35	136.91
H	29.31	30.33	16.76	7.67	41.67	0.46	90.59
H	18.09	25.26	29.96	7.72	40.97	0.46	89.07
H	21.73	19.46	17.93	7.76	42.91	0.44	97.52
H	27.71	15.70	22.74	7.83	43.65	0.42	103.93
H	25.44	24.85	15.67	7.93	43.25	0.42	102.98
H	17.34	27.94	26.45	7.99	40.93	0.46	88.98
H	18.54	34.57	24.86	8.05	39.43	0.48	82.15
H	31.68	27.23	22.39	8.05	47.15	0.34	138.68
H	20.97	15.07	31.94	8.19	38.54	0.49	78.65
H	27.04	32.36	29.03	8.23	40.80	0.47	86.81
H	26.28	21.73	18.73	8.26	46.93	0.37	126.84
H	29.94	22.54	24.99	8.29	42.70	0.43	99.30
H	29.73	22.12	28.05	8.30	42.46	0.43	98.74
H	26.44	18.93	32.66	8.38	43.34	0.42	103.19
H	30.08	18.34	23.70	8.50	42.14	0.44	95.77
H	19.85	12.06	26.80	8.51	40.04	0.46	87.04
H	22.82	37.26	19.26	8.55	39.14	0.49	79.88
H	26.63	32.27	14.55	8.56	40.15	0.47	85.43

H	24.20	35.35	28.09	8.56	39.68	0.49	80.98
H	23.55	24.61	32.91	8.63	40.83	0.47	86.87
H	22.52	34.20	29.10	8.70	39.65	0.49	80.92
H	29.19	31.75	28.61	8.77	40.48	0.47	86.13
H	23.56	37.70	24.54	8.80	39.19	0.48	81.65
H	19.71	23.73	16.60	8.84	41.02	0.46	89.17
H	16.47	28.60	17.26	8.88	39.60	0.48	82.50
H	13.46	17.98	24.77	8.89	39.90	0.48	83.13
H	16.22	26.59	27.88	8.90	40.77	0.46	88.63
H	20.53	30.05	30.35	8.96	39.67	0.48	82.65
H	20.69	32.29	29.92	9.00	39.47	0.48	82.23
H	18.43	28.64	14.87	9.07	39.83	0.48	82.98
H	19.93	21.76	34.38	9.11	39.18	0.48	81.63
H	15.67	31.91	25.13	9.17	39.94	0.48	83.21
H	31.44	28.48	16.91	9.18	40.92	0.47	87.06
H	28.76	20.02	19.40	9.20	44.11	0.41	107.59
H	14.75	28.89	23.37	9.24	40.12	0.47	85.36
H	27.56	30.41	13.65	9.26	40.18	0.48	83.71
H	19.77	37.31	24.26	9.31	39.09	0.49	79.78
H	31.10	35.23	22.84	9.39	38.84	0.49	79.27
H	14.53	30.34	21.60	9.44	40.10	0.48	83.54
H	21.84	17.44	34.73	9.49	38.69	0.50	77.38
H	15.40	16.27	20.04	9.52	39.56	0.49	80.73
H	29.56	14.44	26.98	9.59	41.01	0.45	91.13
H	17.57	23.37	33.59	9.64	38.96	0.48	81.17
H	29.28	26.22	14.59	9.71	40.07	0.47	85.26
H	23.52	13.62	18.67	9.72	39.81	0.48	82.94
H	22.87	22.20	35.13	9.73	39.55	0.48	82.40
H	24.16	25.38	13.11	9.77	41.70	0.44	94.77
H	26.71	12.98	30.26	9.77	40.83	0.46	88.76
H	32.97	32.17	24.39	9.81	38.92	0.49	79.43
H	31.06	16.42	24.61	9.86	42.26	0.44	96.05
H	32.41	34.33	19.79	10.17	38.87	0.49	79.33
H	21.03	10.09	26.59	10.21	40.26	0.47	85.66
H	20.44	13.02	32.75	10.23	38.70	0.50	77.40
H	16.27	21.81	17.34	10.23	39.43	0.49	80.47
H	28.86	37.25	26.23	10.29	38.75	0.49	79.08
H	18.77	17.68	35.08	10.29	38.98	0.49	79.55
H	15.94	24.70	32.67	10.32	39.34	0.48	81.96
H	32.63	32.56	26.64	10.39	39.12	0.49	79.84
H	13.35	23.63	21.01	10.41	39.87	0.49	81.37
H	32.52	25.67	17.46	10.41	40.77	0.47	86.74
H	23.28	27.10	11.89	10.43	41.44	0.44	94.18
H	23.18	18.60	15.37	10.47	40.26	0.47	85.66
H	17.00	14.81	18.21	10.48	39.26	0.49	80.12
H	15.25	12.31	23.93	10.55	39.14	0.50	78.28
H	24.39	10.14	23.11	10.65	40.06	0.47	85.23
H	14.54	14.50	30.71	10.68	38.38	0.50	76.76
H	29.35	12.43	25.94	10.69	40.74	0.46	88.57
H	32.59	21.91	24.78	10.74	42.05	0.44	95.57
H	18.85	37.65	17.66	10.74	37.88	0.50	75.76
H	34.44	29.96	19.97	10.77	40.01	0.48	83.35
H	29.37	17.11	33.02	10.86	40.98	0.46	89.09
H	28.64	25.26	32.74	10.94	39.27	0.49	80.14
H	23.51	40.24	22.82	11.02	38.97	0.49	79.53
H	11.16	18.33	24.77	11.05	39.77	0.49	81.16
H	11.81	21.66	29.64	11.06	39.28	0.50	78.56
H	12.20	19.68	30.75	11.07	39.10	0.50	78.20
H	12.96	21.92	19.51	11.07	39.97	0.49	81.57
H	18.59	27.91	32.83	11.08	38.43	0.49	78.43
H	29.61	14.92	19.41	11.16	39.63	0.49	80.88
H	26.41	26.10	34.05	11.16	39.12	0.49	79.84

H	23.07	9.14	24.69	11.16	40.13	0.47	85.38
H	30.27	37.55	18.15	11.17	38.63	0.50	77.26
H	15.52	34.18	16.52	11.20	38.71	0.50	77.42
H	23.82	37.38	14.36	11.21	38.53	0.50	77.06
H	32.65	19.80	29.60	11.34	40.16	0.49	81.96
H	19.76	23.13	13.47	11.35	40.08	0.48	83.50
H	32.85	21.66	22.54	11.37	41.76	0.45	92.80
H	27.16	39.77	24.94	11.37	38.96	0.50	77.92
H	29.09	13.55	31.55	11.37	40.64	0.46	88.35
H	19.42	10.70	19.94	11.39	39.03	0.49	79.65
H	26.11	37.75	14.67	11.49	38.69	0.51	75.86
H	13.26	15.49	19.80	11.54	39.43	0.49	80.47
H	33.86	33.67	18.14	11.58	38.71	0.49	79.00
H	24.00	32.56	10.95	11.61	38.75	0.50	77.50
H	27.77	18.42	15.72	11.62	40.17	0.48	83.69
H	30.18	36.97	28.14	11.65	38.63	0.49	78.84
H	14.33	30.44	28.63	11.66	39.05	0.50	78.10
H	27.50	12.40	32.36	11.67	40.59	0.46	88.24
H	10.50	21.79	26.71	11.68	38.81	0.50	77.62
H	17.97	38.97	19.36	11.70	38.14	0.50	76.28
H	17.41	34.93	14.14	11.72	38.52	0.50	77.04
H	19.93	36.65	13.72	11.84	38.53	0.50	77.06
H	19.57	31.60	11.30	11.85	39.11	0.49	79.82
H	17.26	34.84	30.21	11.89	38.94	0.49	79.47
H	10.72	23.93	25.96	11.90	38.92	0.50	77.84
H	23.27	12.02	17.03	11.95	39.74	0.48	82.79
H	14.79	12.21	30.86	11.97	38.41	0.50	76.82
H	26.74	11.64	18.67	12.01	39.52	0.48	82.33
H	19.09	36.18	30.66	12.03	38.88	0.50	77.76
H	14.45	10.86	25.51	12.03	39.29	0.49	80.18
H	23.40	39.87	16.31	12.09	38.66	0.51	75.80
H	30.34	23.05	34.01	12.13	39.17	0.49	79.94
H	12.65	33.64	23.86	12.20	38.79	0.49	79.16
H	17.55	17.14	14.66	12.25	38.99	0.49	79.57
H	14.71	21.13	15.82	12.28	39.48	0.49	80.57
H	10.85	15.18	26.60	12.29	38.97	0.50	77.94
H	35.73	28.54	18.75	12.31	39.76	0.48	82.83
H	14.59	34.67	28.08	12.32	38.85	0.50	77.70
H	18.26	29.71	11.09	12.36	39.34	0.49	80.29
H	31.71	13.78	29.96	12.40	40.55	0.47	86.28
H	30.73	16.11	17.79	12.43	39.67	0.48	82.65
H	21.01	9.07	20.18	12.45	39.09	0.49	79.78
H	21.67	12.03	35.09	12.50	38.80	0.50	77.60
H	35.73	33.33	21.70	12.51	38.78	0.49	79.14
H	29.90	24.32	12.24	12.54	39.60	0.47	84.26
H	32.46	21.94	16.56	12.55	39.76	0.48	82.83
H	24.86	39.36	14.59	12.61	38.68	0.51	75.84
H	16.50	25.60	12.48	12.66	39.52	0.49	80.65
H	17.80	8.89	29.48	12.67	38.66	0.49	78.90
H	31.99	38.60	19.24	12.68	38.46	0.50	76.92
H	32.50	34.97	14.71	12.68	38.61	0.50	77.22
H	18.82	40.18	26.17	12.72	38.65	0.49	78.88
H	26.51	16.98	14.17	12.74	40.05	0.48	83.44
H	12.98	35.19	19.25	12.75	38.10	0.49	77.76
H	33.23	37.59	24.66	12.77	38.62	0.49	78.82
H	29.33	30.54	10.54	12.81	38.53	0.49	78.63
H	15.71	12.01	18.08	12.82	39.39	0.49	80.39
H	15.97	12.85	34.29	12.86	38.57	0.50	77.14
H	17.87	26.74	10.99	12.87	39.26	0.50	78.52
H	33.68	28.14	30.40	12.88	38.54	0.50	77.08
H	32.19	27.09	31.75	12.92	38.81	0.50	77.62
H	17.91	28.11	35.05	12.95	38.65	0.49	78.88

H	33.68	20.87	31.31	12.98	40.18	0.48	83.71
H	24.33	19.59	38.41	12.99	38.52	0.51	75.53
H	13.41	32.51	15.01	13.06	38.62	0.50	77.24
H	29.08	10.56	20.36	13.07	39.52	0.48	82.33
H	33.52	30.63	13.24	13.13	38.65	0.50	77.30
H	26.99	41.86	24.10	13.14	38.71	0.49	79.00
H	31.91	31.45	11.87	13.16	38.65	0.49	78.88
H	33.85	21.48	18.29	13.18	40.26	0.48	83.88
H	25.33	8.44	30.68	13.22	38.88	0.49	79.35
H	27.84	33.54	10.18	13.24	38.81	0.50	77.62
H	12.87	29.35	14.74	13.25	38.63	0.50	77.26
H	36.30	26.15	25.63	13.26	39.10	0.51	76.67
H	28.23	34.38	33.53	13.27	38.29	0.50	76.58
H	26.82	28.99	35.04	13.29	39.15	0.50	78.30
H	13.16	26.17	14.84	13.32	38.93	0.50	77.86
H	11.72	34.68	22.04	13.33	38.63	0.49	78.84
H	12.03	16.41	33.65	13.35	38.48	0.51	75.45
H	35.44	32.99	27.69	13.36	38.62	0.50	77.24
H	17.05	21.65	13.29	13.40	39.60	0.49	80.82
H	17.54	14.90	14.18	13.41	38.97	0.49	79.53
H	23.56	41.40	27.80	13.42	38.62	0.49	78.82
H	21.33	41.64	27.31	13.69	38.56	0.50	77.12
H	11.77	14.39	32.64	13.70	38.35	0.51	75.20
H	29.62	8.91	27.27	13.71	39.73	0.48	82.77
H	34.75	16.46	29.10	13.71	39.59	0.49	80.80
H	23.46	21.62	10.69	13.72	40.08	0.48	83.50
H	20.61	10.03	34.79	13.75	38.87	0.50	77.74
H	14.54	36.88	28.70	13.76	38.82	0.50	77.64
H	30.81	16.19	35.59	13.86	39.63	0.48	82.56
H	23.14	36.52	10.30	13.86	38.41	0.50	76.82
H	23.04	18.80	11.87	13.89	39.96	0.48	83.25
H	24.21	33.20	8.75	13.90	38.56	0.49	78.69
H	25.69	21.34	39.02	13.91	38.56	0.51	75.61
H	31.02	9.60	25.61	13.92	39.52	0.48	82.33
H	11.05	27.23	30.64	13.95	38.34	0.50	76.68
H	19.84	21.33	39.39	13.95	38.61	0.50	77.22
H	14.28	14.78	15.38	13.96	39.16	0.49	79.92
H	29.75	32.84	34.24	13.96	38.48	0.50	76.96
H	14.48	39.27	24.72	14.00	38.40	0.50	76.80
H	29.65	34.87	10.60	14.01	38.85	0.50	77.70
H	14.13	9.45	21.34	14.02	38.68	0.50	77.36
H	12.77	20.26	15.10	14.02	39.22	0.50	78.44
H	9.35	18.39	31.53	14.08	38.84	0.50	77.68
H	17.26	9.41	33.46	14.15	38.58	0.51	75.65
H	15.21	13.70	36.23	14.16	38.28	0.50	76.56
H	17.35	6.82	26.26	14.19	38.44	0.49	78.45
H	31.41	20.71	36.30	14.21	39.12	0.49	79.84
H	20.08	28.87	36.77	14.23	38.50	0.50	77.00
H	32.28	36.79	13.30	14.28	38.64	0.50	77.28
H	24.07	43.57	21.40	14.33	38.68	0.49	78.94
H	20.36	6.67	21.22	14.34	38.79	0.49	79.16
H	16.39	26.07	37.47	14.34	38.65	0.50	77.30
H	18.73	42.57	20.60	14.36	38.44	0.50	76.88
H	27.56	29.53	8.20	14.36	38.75	0.50	77.50
H	8.95	15.31	29.02	14.36	38.78	0.50	77.56
H	33.39	36.18	30.38	14.39	38.47	0.50	76.94
H	9.91	30.26	18.82	14.40	38.54	0.50	77.08
H	32.75	15.02	17.56	14.41	39.32	0.49	80.24
H	37.37	27.57	27.06	14.46	38.88	0.50	77.76
H	19.16	23.49	39.44	14.46	38.77	0.50	77.54
H	8.13	18.67	21.89	14.47	38.61	0.50	77.22
H	26.14	39.11	32.47	14.49	38.39	0.50	76.78

H	36.34	18.45	27.39	14.54	39.23	0.50	78.46
H	11.78	35.77	17.36	14.55	38.12	0.50	76.24
H	26.83	40.41	13.17	14.57	38.45	0.50	76.90
H	15.66	7.76	21.50	14.58	38.66	0.50	77.32
H	14.97	18.11	38.27	14.60	38.17	0.51	74.84
H	24.93	27.46	7.62	14.61	38.74	0.49	79.06
H	33.14	32.15	33.02	14.61	38.42	0.50	76.84
H	29.01	42.83	20.28	14.62	38.43	0.49	78.43
H	16.67	40.71	16.47	14.66	38.15	0.49	77.86
H	25.84	14.84	12.52	14.69	39.95	0.48	83.23
H	15.26	7.23	27.14	14.71	38.70	0.49	78.98
H	14.16	31.08	32.95	14.71	38.65	0.50	77.30
H	12.04	30.83	30.64	14.72	38.73	0.50	77.46
H	18.73	42.45	26.09	14.73	38.48	0.50	76.96
H	11.65	28.03	32.70	14.77	38.40	0.50	76.80
H	37.21	35.58	23.16	14.78	38.77	0.50	77.54
H	21.95	26.30	39.17	14.84	38.45	0.50	76.90
H	28.77	41.98	28.09	14.89	38.19	0.50	76.38
H	27.71	16.10	12.46	14.94	39.84	0.49	81.31
H	16.55	31.39	34.91	14.95	38.78	0.50	77.56
H	14.47	24.83	37.71	14.96	38.38	0.49	78.33
H	20.89	37.08	34.48	14.97	38.37	0.51	75.24
H	23.07	36.77	35.09	15.04	38.41	0.50	76.82
H	7.97	22.04	20.50	15.07	38.52	0.50	77.04
H	20.78	5.50	22.53	15.09	38.94	0.49	79.47
H	26.64	43.67	18.51	15.10	38.30	0.50	76.60
H	8.84	30.02	20.90	15.12	38.63	0.50	77.26
H	31.42	38.74	13.00	15.13	38.45	0.50	76.90
H	17.62	35.08	9.60	15.14	38.49	0.51	75.47
H	33.88	20.87	14.36	15.15	39.49	0.48	82.27
H	38.41	25.19	20.27	15.18	38.88	0.50	77.76
H	19.00	43.16	18.44	15.18	38.36	0.50	76.72
H	18.20	7.06	19.08	15.19	38.76	0.49	79.10
H	30.32	10.36	33.69	15.19	39.44	0.48	82.17
H	13.44	30.54	11.13	15.19	38.53	0.51	75.55
H	27.17	26.98	7.41	15.20	38.73	0.50	77.46
H	22.03	29.84	37.45	15.23	38.36	0.49	78.29
H	36.69	18.24	22.04	15.24	39.06	0.49	79.71
H	13.76	40.63	22.99	15.27	38.54	0.50	77.08
H	15.30	14.83	13.03	15.28	39.12	0.49	79.84
H	37.00	24.70	28.47	15.28	39.03	0.50	78.06
H	23.90	7.35	17.61	15.28	38.99	0.49	79.57
H	15.02	8.99	33.39	15.32	38.43	0.51	75.35
H	9.04	22.00	33.62	15.34	38.30	0.49	78.16
H	9.26	28.52	27.54	15.34	38.59	0.50	77.18
H	7.66	16.42	21.71	15.36	38.56	0.50	77.12
H	25.46	8.59	16.16	15.39	38.88	0.49	79.35
H	8.61	23.48	18.84	15.39	38.58	0.50	77.16
H	11.05	36.82	25.92	15.39	38.81	0.50	77.62
H	25.53	6.20	30.99	15.40	39.05	0.49	79.69
H	32.77	22.59	36.44	15.42	38.86	0.49	79.31
H	12.60	18.58	13.53	15.44	39.08	0.50	78.16
H	22.60	39.28	33.74	15.44	38.23	0.51	74.96
H	37.76	31.16	28.60	15.44	38.56	0.50	77.12
H	8.05	26.76	26.69	15.46	38.50	0.51	75.49
H	22.95	15.70	10.88	15.47	39.33	0.48	81.94
H	18.92	33.89	8.18	15.48	38.35	0.50	76.70
H	25.92	10.73	14.01	15.51	39.10	0.49	79.80
H	35.97	25.57	31.09	15.51	38.97	0.50	77.94
H	37.03	22.28	29.00	15.52	38.93	0.50	77.86
H	17.45	12.64	38.41	15.53	38.20	0.50	76.40
H	15.51	40.01	14.63	15.54	38.37	0.50	76.74

H	17.97	35.01	35.26	15.56	38.61	0.50	77.22
H	11.51	25.86	13.28	15.57	38.96	0.50	77.92
H	31.82	38.17	32.16	15.61	38.37	0.50	76.74
H	36.51	35.00	14.88	15.61	38.59	0.51	75.67
H	33.24	9.95	29.43	15.66	39.07	0.49	79.73
H	37.34	33.83	28.70	15.66	38.72	0.50	77.44
H	23.47	38.67	9.53	15.69	38.37	0.51	75.24
H	7.86	16.65	31.44	15.71	38.85	0.50	77.70
H	16.30	6.35	30.37	15.71	38.54	0.50	77.08
H	25.02	33.82	37.10	15.74	38.44	0.50	76.88
H	19.51	4.81	27.84	15.75	38.54	0.50	77.08
H	18.68	15.21	40.22	15.76	38.19	0.50	76.38
H	32.52	19.51	13.14	15.78	39.38	0.48	82.04
H	20.16	29.45	6.74	15.79	38.36	0.50	76.72
H	27.15	25.95	39.44	15.79	38.56	0.50	77.12
H	15.64	19.31	40.11	15.83	38.48	0.51	75.45
H	23.87	27.47	39.60	15.84	38.45	0.50	76.90
H	9.97	22.59	35.65	15.84	38.11	0.50	76.22
H	22.69	22.50	41.32	15.86	38.91	0.50	77.82
H	9.95	9.91	24.72	15.89	38.47	0.50	76.94
H	16.09	17.91	11.04	15.93	38.77	0.50	77.54
H	34.75	40.67	24.50	15.93	38.26	0.50	76.52
H	38.95	24.01	22.17	15.94	38.75	0.50	77.50
H	19.39	17.17	41.09	15.96	38.16	0.50	76.32
H	19.26	10.88	12.99	15.97	38.70	0.49	78.98
H	37.83	36.37	18.83	15.97	38.72	0.51	75.92
H	27.72	20.35	9.30	16.04	39.04	0.49	79.67
H	21.30	24.32	41.19	16.09	38.58	0.50	77.16
H	11.51	9.85	32.08	16.10	38.57	0.50	77.14
H	6.14	19.41	28.30	16.12	38.53	0.51	75.55
H	35.19	33.33	11.30	16.13	38.65	0.50	77.30
H	28.14	42.54	30.22	16.14	38.49	0.49	78.55
H	37.17	25.88	13.53	16.14	38.25	0.50	76.50
H	9.30	32.34	28.33	16.17	38.23	0.51	74.96
H	8.74	14.48	18.37	16.19	38.50	0.50	77.00
H	19.08	24.20	7.46	16.20	38.94	0.49	79.47
H	8.46	18.77	16.88	16.21	38.19	0.50	76.38
H	35.00	14.59	17.70	16.22	39.50	0.49	80.61
H	10.35	30.23	13.21	16.22	38.38	0.51	75.25
H	34.09	9.43	23.70	16.30	39.11	0.49	79.82
H	16.90	24.37	8.13	16.36	38.94	0.50	77.88
H	26.22	39.44	34.69	16.37	38.51	0.51	75.51
H	36.79	14.24	21.83	16.39	38.65	0.49	78.88
H	35.15	17.06	34.94	16.39	38.91	0.49	79.41
H	5.63	19.40	26.07	16.41	38.24	0.51	74.98
H	29.89	20.00	40.09	16.45	38.42	0.50	76.84
H	36.32	32.46	32.38	16.45	38.41	0.50	76.82
H	11.36	37.93	15.77	16.49	38.15	0.50	76.30
H	27.01	42.70	13.02	16.50	38.35	0.51	75.20
H	8.04	11.48	26.58	16.51	38.55	0.50	77.10
H	23.00	12.85	40.41	16.52	38.74	0.50	77.48
H	32.38	33.74	35.57	16.55	38.60	0.50	77.20
H	23.50	41.32	33.41	16.56	38.43	0.51	75.35
H	25.54	7.94	36.20	16.56	38.62	0.49	78.82
H	39.69	33.35	19.17	16.57	38.41	0.50	76.82
H	7.85	32.81	19.88	16.58	38.48	0.50	76.96
H	18.13	41.84	12.94	16.59	38.25	0.50	76.50
H	29.08	12.96	38.80	16.59	38.79	0.49	79.16
H	18.67	41.42	32.10	16.60	38.33	0.51	75.16
H	10.77	11.48	17.09	16.61	38.45	0.50	76.90
H	19.50	10.39	38.91	16.69	38.17	0.50	76.34
H	11.38	9.60	18.33	16.71	38.48	0.50	76.96

H	33.85	25.75	9.11	16.72	38.71	0.49	79.00
H	30.12	25.20	39.43	16.75	38.31	0.50	76.62
H	22.96	13.48	10.33	16.76	39.17	0.48	81.60
H	30.44	15.68	39.43	16.77	38.92	0.49	79.43
H	27.20	19.57	41.59	16.77	38.21	0.51	74.92
H	6.14	24.75	28.60	16.78	38.15	0.50	76.30
H	35.44	14.24	33.76	16.78	39.14	0.49	79.88
H	27.93	30.56	5.84	16.78	38.69	0.50	77.38
H	36.22	36.55	13.27	16.81	38.55	0.50	77.10
H	34.06	42.59	23.43	16.81	38.35	0.49	78.27
H	18.14	40.56	11.04	16.82	38.25	0.50	76.50
H	28.67	22.57	7.39	16.83	38.85	0.50	77.70
H	35.03	10.68	30.68	16.90	38.91	0.49	79.41
H	8.08	11.46	21.63	16.94	38.32	0.50	76.64
H	38.33	20.45	20.82	16.96	39.10	0.49	79.80
H	28.81	6.29	32.58	16.97	38.86	0.49	79.31
H	19.31	3.90	21.83	16.97	39.02	0.49	79.63
H	21.07	3.58	28.97	16.98	38.66	0.50	77.32
H	33.44	13.11	36.06	17.00	39.18	0.49	79.96
H	11.63	31.85	10.57	17.02	38.29	0.51	75.08
H	33.65	42.13	16.59	17.05	38.40	0.51	75.29
H	16.84	36.96	35.59	17.08	38.55	0.50	77.10
H	11.72	7.73	31.16	17.09	38.57	0.51	75.63
H	6.79	27.14	22.13	17.10	38.11	0.51	74.73
H	30.36	8.24	34.57	17.10	39.26	0.49	80.12
H	29.87	16.45	10.84	17.18	39.69	0.49	81.00
H	38.74	37.77	20.41	17.19	38.75	0.50	77.50
H	5.80	25.27	22.96	17.20	38.33	0.51	75.16
H	25.62	4.93	18.50	17.25	38.89	0.49	79.37
H	15.66	19.65	9.60	17.27	38.91	0.50	77.82
H	5.28	22.70	29.13	17.27	38.33	0.50	76.66
H	7.89	25.66	16.61	17.29	38.28	0.50	76.56
H	27.82	16.01	9.89	17.31	39.86	0.49	81.35
H	7.71	33.61	17.73	17.31	38.55	0.50	77.10
H	33.10	28.24	7.42	17.34	38.44	0.50	76.88
H	37.81	37.95	27.75	17.36	38.46	0.50	76.92
H	31.16	10.25	14.74	17.37	38.56	0.49	78.69
H	22.33	4.41	32.89	17.38	38.65	0.50	77.30
H	11.95	41.33	18.38	17.38	38.21	0.50	76.42
H	37.96	13.45	27.16	17.38	38.75	0.50	77.50
H	32.90	7.42	30.17	17.39	39.33	0.49	80.27
H	18.19	29.86	5.65	17.41	38.46	0.50	76.92
H	20.25	11.07	10.93	17.41	39.06	0.49	79.71
H	39.08	18.14	28.77	17.48	38.84	0.50	77.68
H	12.65	41.39	27.78	17.50	38.20	0.50	76.40
H	29.58	5.18	30.50	17.51	39.01	0.49	79.61
H	23.11	40.99	9.10	17.51	38.37	0.50	76.74
H	36.97	25.48	33.15	17.54	38.85	0.50	77.70
H	13.06	37.02	10.67	17.54	38.31	0.50	76.62
H	12.25	36.03	33.33	17.55	38.29	0.51	75.08
H	38.44	14.42	23.42	17.55	38.79	0.49	79.16
H	8.79	37.08	26.41	17.56	38.67	0.50	77.34
H	22.59	17.92	43.05	17.56	38.47	0.49	78.51
H	33.25	29.16	36.95	17.57	38.42	0.51	75.33
H	40.12	31.91	28.47	17.63	38.56	0.50	77.12
H	35.24	9.58	20.84	17.63	38.89	0.50	77.78
H	24.69	42.24	10.15	17.65	38.34	0.50	76.68
H	7.74	13.53	33.78	17.73	37.85	0.51	74.22
H	36.88	32.07	10.32	17.74	38.55	0.50	77.10
H	32.53	11.95	13.97	17.76	38.64	0.50	77.28
H	41.42	27.43	19.79	17.76	38.47	0.50	76.94
H	24.92	12.93	41.60	17.77	38.85	0.50	77.70

H	8.57	10.14	19.84	17.77	38.22	0.49	78.00
H	40.58	25.92	16.79	17.81	38.40	0.50	76.80
H	27.67	7.67	36.99	17.82	38.65	0.49	78.88
H	29.01	4.18	22.04	17.85	39.02	0.50	78.04
H	27.09	3.31	22.89	17.86	38.66	0.50	77.32
H	25.27	32.14	39.67	17.88	38.29	0.50	76.58
H	37.74	24.50	11.80	17.89	38.24	0.51	74.98
H	11.58	39.60	14.23	17.89	38.08	0.50	76.16
H	31.86	24.34	6.82	17.90	38.50	0.50	77.00
H	33.39	41.05	12.52	17.90	38.12	0.50	76.24
H	27.41	3.45	28.99	17.92	38.80	0.49	79.18
H	20.61	5.48	15.49	17.95	38.43	0.50	76.86
H	11.88	29.94	36.83	17.96	38.12	0.50	76.24
H	40.38	35.00	17.73	17.98	38.48	0.51	75.45
H	34.14	7.04	27.37	17.98	39.02	0.49	79.63
H	36.61	19.99	36.17	17.99	38.29	0.50	76.58
H	11.85	8.62	34.94	18.00	38.45	0.51	75.39
H	34.33	14.63	13.68	18.06	38.92	0.50	77.84
H	8.45	21.02	37.63	18.11	38.41	0.50	76.82
H	12.70	11.83	38.77	18.14	38.14	0.50	76.28
H	39.16	20.63	17.33	18.16	38.72	0.50	77.44
H	7.05	28.34	15.30	18.18	38.29	0.51	75.08
H	13.93	22.73	41.75	18.19	38.23	0.50	76.46
H	20.74	19.79	6.84	18.21	38.48	0.50	76.96
H	7.91	11.51	18.08	18.22	38.42	0.49	78.41
H	34.45	11.25	15.78	18.23	38.57	0.50	77.14
H	23.86	24.84	4.39	18.23	38.44	0.50	76.88
H	40.53	36.50	24.00	18.24	38.38	0.51	75.25
H	9.54	40.25	19.69	18.24	38.20	0.50	76.40
H	10.05	33.90	33.04	18.26	38.29	0.50	76.58
H	36.33	41.37	16.32	18.29	38.22	0.51	74.94
H	30.55	7.36	15.79	18.31	38.68	0.50	77.36
H	30.43	35.16	6.02	18.31	38.23	0.50	76.46
H	14.39	11.69	11.34	18.32	38.66	0.50	77.32
H	7.65	33.59	29.34	18.32	38.13	0.50	76.26
H	37.99	11.25	26.46	18.34	38.93	0.50	77.86
H	10.95	36.35	11.20	18.34	38.01	0.50	76.02
H	34.11	30.08	6.84	18.36	38.52	0.50	77.04
H	37.84	21.42	34.92	18.38	38.41	0.50	76.82
H	23.94	3.05	32.07	18.42	38.47	0.50	76.94
H	8.03	30.17	32.35	18.43	38.22	0.50	76.44
H	12.82	43.24	17.42	18.44	38.35	0.50	76.70
H	33.79	35.41	7.79	18.44	38.25	0.50	76.50
H	13.46	43.52	27.63	18.52	38.16	0.50	76.32
H	35.26	42.12	29.06	18.53	38.28	0.51	75.06
H	28.36	35.53	5.17	18.58	38.29	0.50	76.58
H	7.10	16.59	15.18	18.58	38.26	0.50	76.52
H	19.16	32.46	39.78	18.60	38.13	0.50	76.26
H	7.09	26.21	35.01	18.61	38.06	0.50	76.12
H	3.58	22.75	24.74	18.63	38.54	0.51	75.57
H	37.79	32.54	34.07	18.64	38.16	0.49	77.88
H	40.58	18.68	27.14	18.68	38.90	0.51	76.27
H	24.63	18.26	44.04	18.68	38.23	0.50	76.46
H	15.69	10.96	40.63	18.71	38.26	0.50	76.52
H	7.89	18.82	37.84	18.71	38.41	0.50	76.82
H	30.10	36.79	38.07	18.73	38.01	0.51	74.53
H	17.70	43.37	32.76	18.75	38.51	0.51	75.51
H	22.58	15.49	7.46	18.80	38.70	0.49	78.98
H	7.11	33.07	14.48	18.82	38.01	0.50	76.02
H	4.09	15.59	22.21	18.83	38.68	0.50	77.36
H	5.65	32.20	25.78	18.85	38.28	0.51	75.06
H	4.03	14.74	27.20	18.86	38.86	0.51	76.20

H	16.83	14.82	8.33	18.87	38.65	0.50	77.30
H	33.72	23.07	7.19	18.88	38.41	0.50	76.82
H	36.25	40.79	30.54	18.90	38.36	0.50	76.72
H	39.46	15.15	30.88	18.90	38.69	0.51	75.86
H	42.16	32.90	25.32	18.90	38.36	0.50	76.72
H	18.55	4.63	15.48	18.93	38.41	0.50	76.82
H	12.62	26.55	7.11	18.94	38.47	0.51	75.43
H	21.67	22.64	4.47	18.95	38.42	0.50	76.84
H	38.57	19.04	15.82	18.95	38.66	0.50	77.32
H	27.70	30.89	3.58	18.95	38.66	0.49	78.90
H	41.28	27.92	14.60	18.97	38.44	0.50	76.88
H	34.81	9.50	34.68	18.97	38.92	0.50	77.84
H	10.62	12.85	38.95	19.00	38.36	0.50	76.72
H	42.81	27.52	22.53	19.00	38.30	0.50	76.60
H	4.54	12.77	26.18	19.00	38.83	0.50	77.66
H	8.51	34.67	12.28	19.03	38.06	0.50	76.12
H	36.38	41.17	14.05	19.04	38.21	0.51	74.92
H	25.54	1.50	24.94	19.05	38.59	0.50	77.18
H	17.67	38.96	37.25	19.05	38.69	0.51	75.86
H	30.15	29.74	40.14	19.12	38.13	0.50	76.26
H	3.71	17.35	20.84	19.14	38.82	0.51	76.12
H	7.44	23.44	13.68	19.14	38.08	0.51	74.67
H	10.89	12.73	11.97	19.15	38.45	0.49	78.47
H	34.58	27.68	38.05	19.16	38.37	0.51	75.24
H	30.70	39.77	7.57	19.16	38.32	0.50	76.64
H	12.63	21.33	8.74	19.17	38.47	0.51	75.43
H	32.95	41.13	34.16	19.21	38.07	0.51	74.65
H	30.92	31.88	39.76	19.21	38.06	0.50	76.12
H	6.67	9.58	30.19	19.22	38.27	0.50	76.54
H	38.82	40.02	27.69	19.24	38.43	0.50	76.86
H	18.90	16.36	44.24	19.24	38.30	0.50	76.60
H	32.28	20.25	41.95	19.26	38.24	0.50	76.48
H	10.09	26.75	8.88	19.26	38.46	0.51	75.41
H	21.63	35.87	40.03	19.26	38.21	0.50	76.42
H	31.83	3.75	27.70	19.28	38.71	0.50	77.42
H	35.06	12.34	37.47	19.28	39.12	0.49	79.84
H	5.57	14.17	33.71	19.29	38.04	0.51	74.59
H	23.03	30.42	2.84	19.29	38.32	0.50	76.64
H	15.34	29.75	41.03	19.29	38.13	0.50	76.26
H	19.36	36.50	4.72	19.35	38.03	0.51	74.57
H	36.42	10.76	16.84	19.35	38.88	0.50	77.76
H	19.08	3.39	34.82	19.38	38.26	0.50	76.52
H	34.53	7.74	17.68	19.38	38.54	0.50	77.08
H	12.50	3.72	21.96	19.39	38.86	0.50	77.72
H	22.60	5.34	38.09	19.39	38.70	0.50	77.40
H	9.41	41.88	24.84	19.41	38.40	0.51	75.29
H	17.42	16.65	7.12	19.42	38.95	0.50	77.90
H	17.58	30.46	41.54	19.43	38.10	0.51	74.71
H	13.78	3.20	30.14	19.43	38.38	0.51	75.25
H	12.60	31.57	38.30	19.43	38.06	0.50	76.12
H	22.30	37.46	4.53	19.44	38.30	0.51	75.10
H	42.18	35.87	22.55	19.45	38.30	0.50	76.60
H	25.02	29.46	42.53	19.48	38.54	0.51	75.57
H	30.38	5.19	16.46	19.50	38.39	0.50	76.78
H	5.95	36.57	19.79	19.52	38.21	0.51	74.92
H	9.94	26.23	39.80	19.55	37.92	0.50	75.84
H	36.37	18.26	38.78	19.55	38.06	0.50	76.12
H	15.54	29.35	4.40	19.56	38.29	0.51	75.08
H	40.25	22.71	32.27	19.56	38.35	0.50	76.70
H	13.47	10.37	40.25	19.57	38.23	0.50	76.46
H	13.70	7.71	13.08	19.59	38.27	0.50	76.54
H	16.98	40.89	7.87	19.62	38.15	0.51	74.80

H	7.86	28.62	10.78	19.63	38.08	0.50	76.16
H	13.97	24.66	43.00	19.64	38.31	0.50	76.62
H	22.97	0.96	21.65	19.69	38.73	0.49	79.04
H	26.86	40.33	6.06	19.70	38.03	0.50	76.06
H	10.01	4.92	28.84	19.70	38.60	0.50	77.20
H	28.18	23.88	44.01	19.71	38.64	0.50	77.28
H	3.77	21.82	33.06	19.76	38.38	0.50	76.76
H	10.40	4.22	26.46	19.78	38.58	0.51	75.65
H	38.85	42.21	22.54	19.78	38.27	0.50	76.54
H	11.09	18.30	42.05	19.80	38.21	0.51	74.92
H	2.92	15.83	28.52	19.80	38.54	0.51	75.57
H	22.82	34.30	41.20	19.80	38.10	0.50	76.20
H	23.53	17.08	6.13	19.83	38.72	0.49	79.02
H	16.31	1.18	25.13	19.87	38.36	0.50	76.72
H	14.90	1.78	23.45	19.88	38.54	0.50	77.08
H	37.57	37.58	33.88	19.88	38.15	0.50	76.30
H	42.24	36.08	25.56	19.88	38.33	0.50	76.66
H	9.45	39.77	30.81	19.89	37.99	0.51	74.49
H	41.48	24.55	30.11	19.90	38.27	0.50	76.54
H	24.07	0.39	26.33	19.93	38.88	0.50	77.76
H	11.48	3.37	23.95	19.94	38.73	0.50	77.46
H	42.29	22.57	25.99	19.95	38.47	0.50	76.94
H	13.69	39.27	8.17	19.95	38.34	0.51	75.18
H	38.49	29.30	35.77	20.01	38.07	0.51	74.65
H	28.67	37.31	39.77	20.02	38.02	0.50	76.04
H	2.04	21.08	24.61	20.02	38.49	0.50	76.98
H	5.83	8.55	27.42	20.03	38.08	0.51	74.67
H	27.83	9.20	9.95	20.04	38.49	0.51	75.47
H	19.59	28.34	43.82	20.06	38.50	0.50	77.00
H	40.21	29.36	10.40	20.06	38.29	0.51	75.08
H	15.20	6.93	39.07	20.07	38.46	0.51	75.41
H	41.58	15.77	26.61	20.08	38.69	0.50	77.38
H	7.69	27.21	37.89	20.10	38.26	0.50	76.52
H	13.76	4.26	16.59	20.12	38.24	0.51	74.98
H	10.13	10.64	12.54	20.12	38.26	0.49	78.08
H	40.06	12.92	30.84	20.14	38.67	0.51	75.82
H	27.24	25.97	44.23	20.14	38.71	0.50	77.42
H	39.61	27.36	9.59	20.16	38.26	0.50	76.52
H	10.44	7.85	36.58	20.16	38.34	0.51	75.18
H	6.11	14.68	36.75	20.17	38.15	0.50	76.30
H	37.09	14.35	13.49	20.23	38.69	0.50	77.38
H	33.44	22.17	42.25	20.25	38.24	0.50	76.48
H	26.81	11.48	43.28	20.25	38.40	0.50	76.80
H	21.24	31.61	2.13	20.26	38.44	0.50	76.88
H	41.48	34.23	13.32	20.26	38.40	0.51	75.29
H	8.31	42.11	20.36	20.27	38.08	0.51	74.67
H	15.02	10.72	9.13	20.29	38.68	0.50	77.36
H	24.10	3.79	37.40	20.30	38.50	0.50	77.00
H	11.17	26.11	41.76	20.30	38.42	0.50	76.84
H	23.46	27.51	1.85	20.31	38.47	0.51	75.43
H	25.11	7.77	9.90	20.31	38.12	0.51	74.75
H	24.72	31.72	42.23	20.32	38.32	0.51	75.14
H	32.62	3.31	21.70	20.34	38.36	0.50	76.72
H	34.98	4.51	25.09	20.37	38.61	0.50	77.22
H	14.67	1.72	21.00	20.43	38.32	0.50	76.64
H	10.64	20.17	8.65	20.46	38.44	0.51	75.37
H	16.37	40.85	37.16	20.46	38.38	0.51	75.25
H	30.01	13.72	7.94	20.48	38.84	0.50	77.68
H	35.15	35.03	5.96	20.48	38.51	0.50	77.02
H	39.05	8.89	24.52	20.49	38.75	0.50	77.50
H	37.13	6.46	24.12	20.49	38.50	0.50	77.00
H	3.85	27.97	17.92	20.52	38.22	0.50	76.44

H	33.43	30.97	3.99	20.52	38.27	0.50	76.54
H	10.80	34.02	7.01	20.53	37.96	0.51	74.43
H	20.86	8.97	42.80	20.54	38.41	0.50	76.82
H	3.21	19.76	33.90	20.54	38.18	0.50	76.36
H	34.73	7.30	35.38	20.56	38.62	0.50	77.24
H	5.93	32.31	31.61	20.57	38.10	0.50	76.20
H	18.61	41.44	6.37	20.57	38.27	0.51	75.04
H	9.96	43.99	25.56	20.57	38.41	0.51	75.31
H	34.61	7.56	15.40	20.58	38.68	0.51	75.84
H	28.98	28.10	2.16	20.59	38.53	0.50	77.06
H	28.45	10.13	42.45	20.62	38.25	0.50	76.50
H	5.18	23.11	14.10	20.62	38.16	0.50	76.32
H	6.83	8.46	33.17	20.62	38.19	0.51	74.88
H	15.41	1.90	18.82	20.63	38.33	0.51	75.16
H	41.84	35.95	29.79	20.64	38.29	0.50	76.58
H	9.59	16.54	9.57	20.65	38.15	0.51	74.80
H	39.76	27.45	35.23	20.69	38.01	0.50	76.02
H	26.07	21.97	2.82	20.70	37.89	0.51	74.29
H	32.53	2.45	23.78	20.72	38.54	0.50	77.08
H	23.94	37.14	41.25	20.72	38.27	0.50	76.54
H	37.92	18.00	11.74	20.74	38.48	0.51	75.45
H	14.72	27.43	3.57	20.74	38.32	0.51	75.14
H	27.35	0.72	30.41	20.75	38.70	0.49	78.98
H	43.78	23.75	24.72	20.80	38.30	0.51	75.10
H	14.80	36.49	39.35	20.82	38.29	0.51	75.08
H	41.39	36.56	13.45	20.83	38.24	0.50	76.48
H	18.49	44.49	8.93	20.84	38.56	0.51	75.61
H	22.96	1.93	15.68	20.84	38.48	0.50	76.96
H	38.31	43.87	25.78	20.86	38.20	0.50	76.40
H	30.87	17.44	44.35	20.88	38.54	0.50	77.08
H	40.08	20.31	36.18	20.91	38.16	0.50	76.32
H	16.80	37.35	40.01	20.91	38.24	0.51	74.98
H	33.67	12.98	9.86	20.91	38.48	0.50	76.96
H	3.08	30.34	23.73	20.92	38.10	0.51	74.71
H	8.54	36.74	34.15	20.92	38.24	0.51	74.98
H	36.29	17.01	40.71	21.00	38.05	0.50	76.10
H	1.63	17.38	29.87	21.01	38.35	0.50	76.70
H	13.99	29.34	42.85	21.07	38.26	0.51	75.02
H	26.51	43.55	37.34	21.07	38.15	0.50	76.30
H	30.55	41.76	6.45	21.09	38.01	0.51	74.53
H	39.57	40.26	30.95	21.10	38.21	0.51	74.92
H	15.58	21.45	4.33	21.10	38.59	0.50	77.18
H	42.56	20.76	30.61	21.14	38.43	0.51	75.35
H	28.45	32.70	1.71	21.15	38.36	0.50	76.72
H	40.91	22.05	35.00	21.16	38.00	0.50	76.00
H	28.79	1.78	33.55	21.17	38.46	0.49	78.49
H	43.98	32.83	27.79	21.19	38.28	0.50	76.56
H	34.88	42.12	34.87	21.20	38.22	0.51	74.94
H	7.11	37.09	32.40	21.21	38.03	0.50	76.06
H	6.92	9.84	14.92	21.23	38.33	0.49	78.22
H	30.19	2.93	34.95	21.26	38.39	0.49	78.35
H	3.81	35.74	19.52	21.27	38.33	0.51	75.16
H	20.01	18.26	4.27	21.29	38.70	0.50	77.40
H	3.85	15.23	15.72	21.29	38.09	0.50	76.18
H	42.62	17.39	21.09	21.30	37.89	0.50	75.78
H	13.02	6.48	39.21	21.30	38.29	0.50	76.58
H	23.48	43.16	38.20	21.30	38.11	0.50	76.22
H	37.49	39.88	9.55	21.32	38.20	0.50	76.40
H	12.87	3.50	35.25	21.33	38.42	0.51	75.33
H	13.27	13.43	43.90	21.35	38.45	0.52	73.94
H	31.71	1.22	26.70	21.35	38.43	0.50	76.86
H	33.86	8.78	12.03	21.36	38.40	0.50	76.80

H	19.51	34.15	1.74	21.37	38.39	0.51	75.27
H	38.69	36.65	35.65	21.39	38.21	0.50	76.42
H	33.71	14.77	42.73	21.40	38.16	0.50	76.32
H	39.76	9.49	20.30	21.41	38.57	0.50	77.14
H	18.91	1.13	34.86	21.41	38.29	0.50	76.58
H	2.40	18.83	17.15	21.43	38.11	0.51	74.73
H	7.14	30.98	36.69	21.43	38.17	0.50	76.34
H	28.29	21.56	2.56	21.44	38.11	0.51	74.73
H	11.50	4.08	16.23	21.44	38.16	0.51	74.82
H	7.54	40.70	29.93	21.45	38.08	0.51	74.67
H	12.01	1.99	31.03	21.47	38.48	0.51	75.45
H	33.50	40.10	37.95	21.49	38.02	0.50	76.04
H	10.23	41.33	33.48	21.50	37.90	0.51	74.31
H	40.77	42.59	21.34	21.52	38.06	0.51	74.63
H	19.00	0.70	17.06	21.53	38.15	0.50	76.30
H	1.97	20.98	17.78	21.55	38.32	0.51	75.14
H	11.27	17.33	44.11	21.55	38.32	0.51	75.14
H	20.58	27.09	0.88	21.57	38.45	0.50	76.90
H	40.92	9.82	25.37	21.57	38.57	0.50	77.14
H	10.82	32.59	5.23	21.59	38.20	0.51	74.90
H	5.79	27.77	10.41	21.59	38.24	0.50	76.48
H	3.22	28.67	15.87	21.60	38.23	0.50	76.46
H	43.55	20.46	23.85	21.61	38.44	0.51	75.37
H	0.58	18.99	23.22	21.61	38.24	0.50	76.48
H	8.33	8.43	13.78	21.61	38.23	0.50	76.46
H	40.63	11.24	19.16	21.66	38.72	0.51	75.92
H	4.55	16.01	37.78	21.67	37.96	0.51	74.43
H	16.25	23.75	2.56	21.68	38.43	0.50	76.86
H	38.39	7.82	32.61	21.68	38.41	0.50	76.82
H	12.85	14.97	6.71	21.68	38.27	0.51	75.04
H	2.89	33.55	25.44	21.70	38.35	0.50	76.70
H	35.91	24.69	4.58	21.71	38.52	0.51	75.53
H	18.82	12.58	5.54	21.75	38.43	0.51	75.35
H	42.40	27.26	33.34	21.75	37.97	0.50	75.94
H	41.83	33.76	33.59	21.78	38.36	0.51	75.22
H	37.06	7.03	34.29	21.78	38.84	0.50	77.68
H	18.72	5.09	10.31	21.78	38.43	0.50	76.86
H	36.02	5.07	18.62	21.79	38.50	0.50	77.00
H	43.39	19.58	20.97	21.79	38.00	0.51	74.51
H	18.23	5.10	40.93	21.82	37.93	0.50	75.86
H	33.06	7.68	39.70	21.83	38.27	0.50	76.54
H	26.34	39.05	41.45	21.84	38.09	0.51	74.69
H	6.51	17.25	10.55	21.84	38.28	0.51	75.06
H	19.88	6.89	42.84	21.85	38.10	0.50	76.20
H	26.75	40.92	3.81	21.86	38.14	0.50	76.28
H	2.34	12.70	19.69	21.89	38.29	0.51	75.08
H	25.27	4.74	10.49	21.90	38.24	0.51	74.98
H	37.27	23.68	40.98	21.90	38.28	0.51	75.06
H	37.41	28.79	4.83	21.92	38.25	0.50	76.50
H	43.67	37.67	26.47	21.93	38.50	0.50	77.00
H	31.17	28.10	1.42	21.93	38.26	0.50	76.52
H	42.31	16.39	33.07	21.94	38.67	0.50	77.34
H	41.91	37.15	31.80	21.94	38.31	0.50	76.62
H	12.43	39.26	6.28	21.94	38.30	0.51	75.10
H	37.60	21.28	6.87	21.97	37.75	0.50	75.50
H	25.85	0.85	16.00	21.97	38.39	0.50	76.78
H	11.82	42.71	9.59	21.98	38.38	0.51	75.25
H	37.88	41.84	10.69	21.99	38.24	0.50	76.48
H	0.72	25.68	27.17	22.04	38.19	0.50	76.38
H	9.84	14.82	8.05	22.07	38.21	0.51	74.92
H	29.27	12.18	6.38	22.10	38.89	0.50	77.78
H	41.29	19.85	12.21	22.10	38.28	0.50	76.56

H	4.05	36.63	28.50	22.13	38.26	0.50	76.52
H	40.65	12.18	34.50	22.13	38.46	0.51	75.41
H	4.14	7.94	20.90	22.20	37.91	0.50	75.82
H	29.06	33.00	43.35	22.21	38.05	0.50	76.10
H	11.52	42.95	34.43	22.21	37.90	0.51	74.31
H	14.15	1.59	34.91	22.23	38.23	0.51	74.96
H	35.06	27.07	42.30	22.24	38.03	0.51	74.57
H	41.17	13.69	16.31	22.29	38.24	0.50	76.48
H	43.88	29.56	31.97	22.29	37.92	0.51	74.35
H	1.84	29.70	25.61	22.30	38.22	0.51	74.94
H	4.16	14.64	13.50	22.30	38.29	0.51	75.08
H	10.65	43.64	11.35	22.30	38.23	0.51	74.96
H	11.21	6.28	11.98	22.31	38.22	0.51	74.94
H	4.50	24.86	38.65	22.31	38.00	0.50	76.00
H	28.11	7.26	42.78	22.32	38.83	0.51	76.14
H	40.21	39.83	33.09	22.33	38.44	0.51	75.37
H	16.98	44.43	7.22	22.34	38.45	0.51	75.39
H	0.89	23.29	19.07	22.34	38.13	0.51	74.76
H	38.54	38.38	7.86	22.35	38.10	0.50	76.20
H	42.97	39.49	16.49	22.35	38.16	0.51	74.82
H	36.83	32.98	39.93	22.36	38.40	0.50	76.80
H	28.32	4.05	39.77	22.36	38.49	0.50	76.98
H	20.43	22.21	1.13	22.37	38.35	0.50	76.70
H	7.13	8.30	37.35	22.37	38.21	0.51	74.92
H	42.90	35.26	11.85	22.40	38.41	0.51	75.31
H	44.07	22.84	14.70	22.41	38.04	0.50	76.08
H	35.30	31.82	41.22	22.43	38.34	0.50	76.68
H	9.60	26.46	5.01	22.44	38.19	0.50	76.38
H	18.27	26.96	0.48	22.44	38.61	0.50	77.22
H	42.17	10.53	23.53	22.46	38.44	0.50	76.88
H	8.91	10.94	41.36	22.46	38.01	0.51	74.53
H	37.99	25.76	40.44	22.46	38.35	0.51	75.20
H	15.52	38.89	3.54	22.51	38.19	0.50	76.38
H	35.62	15.96	43.08	22.52	38.23	0.50	76.46
H	15.56	8.07	7.78	22.55	38.44	0.51	75.37
H	24.14	2.35	12.04	22.55	38.48	0.50	76.96
H	12.33	36.38	40.13	22.59	38.35	0.51	75.20
H	43.74	14.00	25.29	22.59	38.51	0.50	77.02
H	5.38	32.45	9.53	22.60	37.94	0.51	74.39
H	20.24	0.25	15.21	22.60	38.34	0.50	76.68
H	39.65	32.15	6.13	22.60	38.17	0.50	76.34
H	4.50	17.83	11.46	22.66	38.47	0.51	75.43
H	42.16	37.97	11.85	22.67	38.37	0.51	75.24
H	43.62	31.10	11.03	22.68	38.42	0.51	75.33
H	11.05	25.10	3.84	22.69	38.31	0.51	75.12
H	37.88	18.68	41.82	22.71	38.14	0.50	76.28
H	12.54	2.59	14.90	22.71	38.31	0.51	75.12
H	3.62	24.25	12.95	22.72	38.33	0.50	76.66
H	10.84	4.56	37.77	22.73	38.19	0.51	74.88
H	39.41	22.69	6.80	22.74	37.77	0.51	74.06
H	22.95	43.49	4.36	22.75	37.98	0.50	75.96
H	32.00	42.00	5.04	22.77	38.05	0.50	76.10
H	40.83	20.06	9.93	22.78	38.34	0.50	76.68
H	33.42	8.77	41.72	22.79	38.16	0.51	74.82
H	2.78	8.13	23.68	22.80	38.07	0.50	76.14
H	4.23	38.29	14.89	22.81	37.78	0.51	74.08
H	26.39	5.74	42.73	22.81	38.69	0.51	75.86
H	3.01	30.39	33.13	22.82	37.87	0.50	75.74
H	12.72	19.90	4.48	22.85	38.37	0.51	75.24
H	3.75	18.84	39.32	22.85	37.80	0.51	74.12
H	5.34	7.06	34.14	22.88	38.41	0.51	75.31
H	30.51	4.67	40.14	22.88	38.40	0.50	76.80

H	18.98	42.84	39.86	22.90	37.99	0.50	75.98
H	0.28	25.94	30.21	22.93	38.17	0.50	76.34
H	24.10	0.34	36.93	22.94	38.35	0.51	75.20
H	40.11	6.20	27.61	22.96	38.43	0.50	76.86
H	3.58	32.78	11.98	22.96	38.01	0.51	74.53
H	29.18	44.14	38.76	22.97	38.32	0.50	76.64
H	20.54	5.85	7.78	22.97	38.27	0.50	76.54
H	33.20	22.75	2.07	23.01	38.12	0.50	76.24
H	39.50	16.68	10.72	23.03	38.56	0.51	75.61
H	7.98	2.62	20.69	23.04	38.23	0.51	74.96
H	42.92	17.46	16.33	23.05	38.32	0.51	75.14
H	44.36	37.73	15.70	23.05	38.25	0.51	75.00
H	4.88	31.19	36.47	23.05	38.22	0.50	76.44
H	2.15	36.86	22.88	23.05	38.20	0.50	76.40
H	33.58	0.65	29.57	23.06	38.45	0.50	76.90
H	15.21	34.42	1.35	23.06	38.37	0.51	75.24
H	44.57	29.12	11.80	23.08	38.31	0.51	75.12
H	1.67	24.56	35.66	23.09	38.27	0.51	75.04
H	43.60	14.92	31.91	23.09	38.69	0.51	75.86
H	19.14	36.05	0.51	23.11	38.34	0.52	73.73
H	35.02	11.67	8.55	23.12	38.39	0.50	76.78
H	4.73	40.44	15.52	23.14	37.85	0.51	74.22
H	21.04	40.75	2.18	23.15	38.34	0.51	75.18
H	7.40	22.63	43.49	23.19	38.05	0.51	74.61
H	22.72	5.39	7.82	23.19	38.07	0.51	74.65
H	0.68	12.20	21.29	23.20	38.37	0.51	75.24
H	36.76	2.77	21.52	23.21	38.39	0.51	75.27
H	41.12	10.00	34.00	23.21	38.40	0.51	75.29
H	5.51	41.89	28.56	23.23	38.01	0.51	74.53
H	8.41	40.14	8.60	23.23	38.02	0.51	74.55
H	10.56	39.64	38.03	23.25	37.97	0.51	74.45
H	2.66	10.74	16.92	23.25	38.15	0.51	74.80
H	27.69	38.65	1.09	23.31	37.94	0.51	74.39
H	44.22	23.57	12.10	23.34	38.01	0.50	76.02
H	42.13	16.59	14.38	23.34	38.10	0.51	74.71
H	42.81	32.65	35.33	23.34	38.39	0.50	76.78
H	44.57	21.38	31.57	23.35	38.39	0.51	75.27
H	33.90	40.88	4.44	23.37	38.03	0.50	76.06
H	27.34	5.95	7.87	23.41	37.87	0.51	74.25
H	27.20	35.96	44.33	23.47	38.19	0.51	74.88
H	39.70	28.58	4.72	23.48	38.00	0.51	74.51
H	0.58	30.73	19.72	23.48	38.28	0.50	76.56
H	36.86	9.53	10.90	23.49	38.49	0.50	76.98
H	6.61	39.15	9.60	23.50	38.05	0.51	74.61
H	24.79	42.17	41.70	23.51	38.15	0.51	74.80
H	2.56	32.09	31.64	23.55	37.95	0.51	74.41
H	42.91	12.95	17.51	23.56	38.38	0.51	75.25
H	2.62	26.22	12.41	23.57	38.16	0.50	76.32
H	15.06	41.13	3.72	23.58	37.86	0.50	75.72
H	22.69	4.06	42.84	23.60	38.58	0.50	77.16
H	43.04	42.74	25.20	23.62	38.31	0.50	76.62
H	17.61	3.08	9.96	23.64	38.39	0.50	76.78
H	28.21	13.88	3.72	23.65	38.66	0.50	77.32
H	7.50	30.54	41.24	23.67	38.03	0.51	74.57
H	0.93	10.44	30.21	23.68	37.81	0.51	74.14
H	22.75	17.69	1.44	23.69	38.66	0.50	77.32
H	35.27	1.12	21.00	23.69	38.36	0.51	75.22
H	23.78	15.02	2.59	23.70	38.51	0.50	77.02
H	37.04	11.38	9.57	23.71	38.27	0.51	75.04
H	39.88	37.18	6.45	23.72	38.16	0.50	76.32
H	16.58	22.97	0.41	23.72	38.47	0.50	76.94
H	43.51	17.10	35.21	23.73	38.51	0.50	77.02

H	14.32	6.16	8.12	23.75	38.09	0.51	74.69
H	0.05	25.12	17.99	23.77	38.09	0.51	74.69
H	1.25	32.84	15.80	23.78	38.24	0.51	74.98
H	25.85	44.14	3.61	23.80	37.85	0.50	75.70
H	27.67	0.61	13.25	23.87	38.37	0.50	76.74
H	34.89	39.54	40.62	23.88	37.80	0.51	74.12
H	37.09	23.54	3.01	23.88	38.32	0.51	75.14
H	21.16	20.07	0.17	23.91	38.36	0.50	76.72
H	37.39	3.96	17.15	23.93	38.44	0.51	75.37
H	40.85	12.46	38.21	23.93	38.35	0.51	75.20
H	26.29	11.07	3.95	23.93	38.38	0.50	76.76
H	34.12	7.78	9.12	23.96	38.42	0.50	76.84
H	14.52	21.45	1.45	23.97	38.24	0.50	76.48
H	37.16	12.32	42.48	23.97	38.09	0.51	74.69
H	35.77	0.81	28.97	24.01	38.34	0.50	76.68
H	34.90	17.99	3.94	24.02	38.00	0.51	74.51
H	6.70	10.76	41.58	24.03	38.14	0.51	74.78
H	17.86	11.60	3.60	24.03	38.32	0.51	75.14
H	8.65	2.69	15.98	24.06	37.99	0.51	74.49
H	13.29	12.93	4.44	24.06	38.02	0.51	74.55
H	44.00	10.42	24.86	24.08	38.35	0.50	76.70
H	35.84	26.49	44.34	24.08	38.07	0.51	74.65
H	15.75	4.16	42.49	24.09	37.93	0.50	75.86
H	32.03	0.15	16.80	24.10	38.36	0.50	76.72
H	5.93	9.36	39.94	24.10	37.90	0.51	74.31
H	5.70	4.33	33.56	24.11	38.07	0.51	74.65
H	29.55	6.25	7.49	24.11	37.85	0.51	74.22
H	42.15	44.47	26.15	24.11	38.19	0.51	74.88
H	2.72	38.28	29.38	24.15	38.01	0.50	76.02
H	5.50	41.98	12.96	24.16	38.05	0.51	74.61
H	40.28	10.67	13.04	24.16	38.15	0.49	77.86
H	0.57	30.66	15.91	24.17	38.25	0.50	76.50
H	41.30	33.70	5.85	24.20	38.33	0.51	75.16
H	37.31	2.75	32.68	24.25	38.45	0.50	76.90
H	29.69	0.19	14.27	24.27	38.34	0.50	76.68
H	25.93	44.08	41.21	24.29	38.17	0.51	74.84
H	0.07	33.68	20.45	24.29	38.25	0.50	76.50
H	37.25	1.29	25.68	24.29	38.27	0.50	76.54
H	13.22	1.37	13.08	24.30	38.15	0.51	74.80
H	7.16	34.01	5.09	24.32	38.27	0.51	75.04
H	18.28	17.28	1.65	24.34	38.40	0.50	76.80
H	41.08	5.86	30.53	24.35	38.31	0.51	75.12
H	16.65	40.30	42.54	24.36	37.74	0.51	74.00
H	3.58	41.62	27.34	24.36	37.89	0.51	74.29
H	7.81	39.18	6.71	24.36	38.04	0.51	74.59
H	6.41	44.33	29.90	24.37	38.15	0.51	74.80
H	1.17	26.60	36.60	24.40	38.29	0.51	75.08
H	41.80	24.26	39.37	24.41	38.20	0.51	74.90
H	39.09	35.82	40.06	24.44	38.05	0.51	74.61
H	7.27	1.47	31.07	24.45	38.08	0.51	74.67
H	0.18	18.49	36.52	24.46	38.27	0.50	76.54
H	1.04	38.00	21.19	24.49	38.43	0.50	76.86
H	37.68	29.87	42.34	24.51	38.23	0.51	74.96
H	9.57	29.71	2.19	24.52	38.12	0.50	76.24
H	5.52	18.40	43.73	24.54	37.79	0.51	74.10
H	39.52	19.89	42.85	24.54	38.12	0.50	76.24
H	13.09	39.24	2.42	24.55	38.16	0.51	74.82
H	4.91	22.41	43.16	24.58	38.03	0.51	74.57
H	41.15	19.52	41.08	24.59	38.22	0.50	76.44
H	33.59	20.65	1.18	24.59	37.96	0.51	74.43
H	5.80	13.70	8.32	24.61	37.90	0.51	74.31
H	36.25	16.46	5.04	24.63	37.87	0.51	74.25

H	37.41	6.06	38.76	24.68	38.22	0.51	74.94
H	33.64	35.17	0.13	24.73	37.93	0.51	74.37
H	3.06	18.77	41.51	24.76	37.70	0.51	73.92
H	21.09	40.96	43.73	24.77	37.91	0.51	74.33
H	10.58	37.01	41.48	24.78	38.00	0.52	73.08
H	11.05	9.04	6.44	24.78	38.35	0.51	75.20
H	18.39	0.40	40.10	24.78	37.90	0.50	75.80
H	37.98	7.83	40.03	24.79	38.46	0.51	75.41
H	37.85	44.59	35.69	24.80	38.45	0.51	75.39
H	42.20	42.44	32.40	24.81	38.06	0.51	74.63
H	9.19	3.90	39.26	24.81	38.35	0.50	76.70
H	6.13	22.81	5.99	24.82	37.83	0.50	75.66
H	1.08	9.35	17.91	24.82	38.23	0.51	74.96
H	12.51	18.47	2.71	24.89	38.26	0.50	76.52
H	41.67	35.19	38.51	24.92	38.20	0.51	74.90
H	42.65	28.76	38.58	24.98	38.09	0.50	76.18
H	10.52	41.60	39.19	24.98	38.03	0.51	74.57
H	38.95	2.65	31.04	24.98	38.59	0.50	77.18
H	8.25	31.35	43.27	24.98	38.08	0.50	76.16
H	21.46	11.26	2.33	24.99	38.13	0.50	76.26
H	7.81	19.29	5.09	25.01	38.35	0.51	75.20
H	41.84	6.16	19.66	25.03	38.03	0.51	74.57
H	7.61	42.29	35.96	25.06	37.81	0.51	74.14
H	5.82	20.61	6.52	25.06	38.00	0.50	76.00
H	2.32	10.85	38.02	25.07	38.12	0.51	74.75
H	12.71	34.33	44.17	25.08	38.20	0.51	74.90
H	22.81	1.76	42.63	25.09	38.66	0.51	75.80
H	40.23	27.65	41.23	25.10	38.33	0.51	75.16
H	29.38	15.01	2.14	25.11	38.51	0.50	77.02
H	19.22	13.23	1.68	25.12	38.10	0.51	74.71
H	7.08	7.50	9.86	25.17	38.37	0.51	75.24
H	41.42	13.45	40.19	25.17	38.16	0.51	74.82
H	40.77	5.33	17.81	25.19	38.12	0.51	74.75
H	41.60	4.82	21.79	25.20	38.16	0.51	74.82
H	6.21	35.23	39.07	25.24	37.89	0.51	74.29
H	2.42	6.35	17.79	25.26	38.01	0.50	76.02
H	2.33	24.66	40.84	25.26	38.16	0.51	74.82
H	34.85	3.02	12.30	25.27	38.44	0.50	76.88
H	25.08	9.13	3.15	25.27	38.28	0.51	75.06
H	6.61	14.61	6.39	25.29	38.09	0.51	74.69
H	12.31	41.31	3.06	25.33	38.02	0.50	76.04
H	43.71	42.57	30.67	25.37	38.26	0.51	75.02
H	9.15	0.47	16.10	25.42	38.29	0.51	75.08
H	0.04	8.34	30.53	25.45	37.70	0.51	73.92
H	12.00	3.29	41.87	25.49	38.30	0.51	75.10
H	0.58	12.03	36.79	25.51	38.08	0.51	74.67
H	10.55	4.31	9.28	25.54	38.12	0.50	76.24
H	41.19	6.87	36.02	25.55	38.03	0.50	76.06
H	3.49	41.19	12.38	25.56	38.02	0.51	74.55
H	6.67	43.61	34.35	25.56	37.67	0.51	73.86
H	33.37	37.42	44.39	25.57	37.84	0.51	74.20
H	2.34	20.02	9.21	25.64	38.07	0.50	76.14
H	1.39	5.07	23.36	25.68	37.85	0.51	74.22
H	30.99	39.60	44.50	25.69	38.13	0.50	76.26
H	0.12	23.91	38.57	25.69	38.24	0.51	74.98
H	9.09	27.84	1.02	25.78	38.12	0.50	76.24
H	23.02	2.44	6.97	25.81	37.67	0.50	75.34
H	38.94	41.81	38.88	25.81	38.20	0.51	74.90
H	27.27	6.76	4.22	25.84	38.12	0.51	74.75
H	39.16	17.91	4.54	25.87	38.06	0.51	74.63
H	5.84	40.30	7.18	25.88	37.90	0.51	74.31
H	39.94	6.96	12.47	25.89	37.98	0.50	75.96

H	2.73	44.12	24.06	25.94	38.19	0.51	74.88
H	8.18	7.35	7.83	25.97	38.31	0.51	75.12
H	5.63	0.64	20.57	26.02	38.34	0.51	75.18
H	4.35	37.06	37.39	26.03	38.02	0.51	74.55
H	35.40	5.24	42.26	26.06	38.15	0.51	74.80
H	39.17	11.40	43.18	26.07	38.21	0.50	76.42
H	9.48	10.09	5.14	26.08	38.50	0.51	75.49
H	15.02	41.79	43.17	26.09	37.70	0.51	73.92
H	0.85	41.45	21.10	26.09	38.12	0.51	74.75
H	28.79	43.04	0.47	26.10	37.98	0.50	75.96
H	41.15	2.48	27.38	26.14	38.11	0.51	74.73
H	5.41	0.01	25.54	26.15	38.37	0.51	75.24
H	5.10	2.20	34.20	26.15	38.14	0.51	74.78
H	32.88	40.79	0.38	26.16	38.00	0.51	74.51
H	1.15	32.73	35.26	26.16	38.38	0.50	76.76
H	37.62	29.34	44.57	26.17	38.35	0.51	75.20
H	29.49	15.74	0.37	26.18	38.67	0.50	77.34
H	11.04	4.53	43.52	26.19	38.27	0.51	75.04
H	33.79	2.51	10.35	26.19	38.25	0.51	75.00
H	6.91	34.73	2.90	26.20	38.20	0.51	74.90
H	3.66	13.55	43.26	26.30	38.09	0.51	74.69
H	40.25	43.33	6.99	26.32	37.99	0.51	74.49
H	42.05	9.36	12.46	26.33	38.08	0.49	77.71
H	43.58	25.86	4.92	26.33	37.91	0.51	74.33
H	3.44	26.70	5.68	26.34	37.69	0.51	73.90
H	41.09	41.34	6.14	26.37	37.82	0.51	74.16
H	2.49	37.71	9.02	26.47	37.57	0.51	73.67
H	2.92	11.00	9.80	26.47	37.78	0.50	75.56
H	41.38	23.08	43.58	26.54	38.19	0.50	76.38
H	7.98	17.94	3.24	26.54	38.24	0.51	74.98
H	5.87	6.87	41.97	26.55	37.93	0.51	74.37
H	19.84	5.74	3.48	26.56	38.27	0.50	76.54
H	1.11	4.94	31.66	26.58	37.80	0.51	74.12
H	42.12	18.70	42.98	26.59	38.33	0.50	76.66
H	38.34	36.42	0.90	26.62	37.74	0.51	74.00
H	2.49	4.28	16.83	26.70	38.02	0.50	76.04
H	10.82	43.34	40.63	26.71	38.14	0.51	74.78
H	41.73	3.83	33.17	26.71	38.14	0.51	74.78
H	36.84	38.13	0.43	26.73	37.65	0.51	73.82
H	2.40	31.79	6.38	26.74	37.73	0.51	73.98
H	27.74	2.15	6.66	26.82	37.75	0.50	75.50
H	3.95	7.71	41.06	26.83	38.07	0.51	74.65
H	1.51	43.85	19.26	26.87	38.08	0.51	74.67
H	2.83	28.85	5.40	26.88	37.61	0.51	73.75
H	29.97	2.55	6.91	26.95	37.94	0.51	74.39
H	38.56	39.29	1.81	26.95	37.80	0.51	74.12
H	34.16	1.51	40.83	26.97	38.15	0.51	74.80
H	33.13	6.38	5.33	26.97	38.12	0.51	74.75
H	8.39	23.45	0.78	26.98	37.74	0.51	74.00
H	41.61	6.00	13.70	26.99	37.84	0.50	75.68
H	0.42	42.00	26.01	27.00	38.24	0.51	74.98
H	33.81	9.92	3.64	27.00	37.94	0.51	74.39
H	9.54	35.73	0.12	27.02	38.25	0.51	75.00
H	40.88	19.10	3.61	27.07	38.24	0.51	74.98
H	0.89	30.82	7.83	27.11	37.79	0.51	74.10
H	43.17	7.61	37.08	27.14	38.15	0.51	74.80
H	3.20	8.72	9.71	27.20	37.83	0.50	75.66
H	9.54	37.96	0.67	27.21	38.31	0.51	75.12
H	42.15	14.81	43.18	27.23	38.08	0.51	74.67
H	0.79	23.66	8.77	27.24	38.11	0.51	74.73
H	0.29	19.01	9.21	27.28	37.87	0.50	75.74
H	41.84	27.57	42.88	27.28	38.31	0.51	75.12

H	0.16	5.91	33.55	27.29	37.96	0.51	74.43
H	2.88	1.77	31.94	27.31	38.31	0.51	75.12
H	16.79	5.72	3.03	27.37	38.20	0.50	76.40
H	3.27	30.70	42.61	27.37	37.85	0.51	74.22
H	37.68	5.47	42.60	27.39	37.84	0.50	75.68
H	2.19	1.71	29.55	27.39	38.34	0.50	76.68
H	2.30	41.99	33.14	27.41	37.86	0.50	75.72
H	28.97	8.13	2.00	27.45	37.99	0.51	74.49
H	13.52	11.02	1.19	27.47	38.24	0.51	74.98
H	0.05	13.94	10.31	27.52	38.12	0.50	76.24
H	9.19	3.92	7.53	27.54	38.07	0.50	76.14
H	0.43	32.60	37.46	27.55	38.37	0.50	76.74
H	36.15	12.59	3.23	27.57	38.10	0.50	76.20
H	0.31	3.22	24.16	27.60	38.00	0.51	74.51
H	16.77	44.54	0.17	27.65	38.04	0.50	76.08
H	0.40	29.01	40.52	27.68	37.98	0.51	74.47
H	1.59	38.80	35.40	27.68	38.08	0.51	74.67
H	39.03	41.29	41.92	27.70	37.91	0.51	74.33
H	7.05	1.82	11.32	27.71	38.03	0.50	76.06
H	35.36	7.00	5.24	27.73	37.97	0.51	74.45
H	39.57	22.33	0.22	27.78	37.96	0.50	75.92
H	22.05	1.30	5.24	27.82	37.82	0.50	75.64
H	32.60	0.05	41.68	27.85	38.05	0.51	74.61
H	23.72	4.91	2.41	27.88	38.11	0.51	74.73
H	42.83	14.48	7.89	27.89	38.07	0.51	74.65
H	2.07	5.13	13.26	27.91	38.03	0.51	74.57
H	43.62	29.65	2.22	27.99	37.97	0.51	74.45
H	43.07	8.28	39.77	28.01	38.19	0.50	76.38
H	1.17	36.73	36.72	28.05	37.92	0.51	74.35
H	37.80	41.25	0.82	28.09	37.94	0.51	74.39
H	12.80	8.85	1.65	28.10	38.43	0.51	75.35
H	43.31	2.47	20.81	28.13	37.88	0.50	75.76
H	39.88	0.97	35.96	28.20	38.30	0.50	76.60
H	9.97	42.66	42.64	28.21	38.13	0.52	73.33
H	7.80	43.35	3.65	28.24	38.16	0.51	74.82
H	41.98	32.35	0.60	28.24	37.73	0.50	75.46
H	8.47	1.27	41.71	28.28	38.28	0.52	73.62
H	40.44	0.55	16.83	28.35	38.16	0.51	74.82
H	1.14	44.29	14.23	28.38	37.65	0.51	73.82
H	41.72	38.16	1.85	28.39	37.72	0.51	73.96
H	0.49	38.81	9.15	28.39	37.52	0.51	73.57
H	6.36	39.03	42.16	28.40	37.97	0.51	74.45
H	39.92	39.02	0.75	28.40	37.82	0.51	74.16
H	1.69	42.72	10.57	28.40	37.57	0.51	73.67
H	33.52	10.57	1.48	28.45	37.66	0.51	73.84
H	7.61	40.94	42.29	28.47	38.06	0.52	73.19
H	36.72	44.10	42.73	28.49	37.82	0.51	74.16
H	1.20	40.87	34.79	28.49	37.97	0.50	75.94
H	0.29	41.84	12.16	28.53	37.85	0.51	74.22
H	42.69	33.18	43.19	28.54	37.91	0.51	74.33
H	2.68	2.30	36.66	28.56	38.12	0.51	74.75
H	1.75	36.28	5.45	28.57	37.99	0.52	73.06
H	11.19	13.07	0.17	28.59	38.40	0.51	75.29
H	41.73	5.54	40.32	28.62	37.99	0.51	74.49
H	37.26	4.42	7.25	28.63	37.82	0.51	74.16
H	0.60	13.25	43.48	28.72	38.22	0.51	74.94
H	25.82	5.06	1.51	28.75	38.33	0.51	75.16
H	5.93	23.01	0.50	28.76	38.03	0.51	74.57
H	1.16	3.97	37.01	28.77	38.00	0.51	74.51
H	39.14	10.91	4.48	28.77	37.94	0.50	75.88
H	12.18	2.63	5.07	28.80	38.05	0.51	74.61
H	40.26	5.54	8.86	28.81	37.76	0.51	74.04

H	1.43	34.14	4.67	28.84	37.92	0.51	74.35
H	43.35	2.72	34.37	28.93	38.42	0.50	76.84
H	8.27	10.08	2.28	28.95	38.37	0.51	75.24
H	4.74	42.54	39.31	28.99	37.97	0.52	73.02
H	4.17	31.08	0.90	29.00	38.06	0.51	74.63
H	0.16	27.76	5.41	29.05	37.87	0.51	74.25
H	43.04	39.22	41.67	29.14	37.97	0.51	74.45
H	38.96	1.12	11.56	29.15	38.16	0.51	74.82
H	9.80	10.84	0.80	29.23	38.19	0.51	74.88
H	0.35	22.22	6.12	29.23	37.75	0.51	74.02
H	0.34	6.00	12.08	29.26	38.13	0.50	76.26
H	38.65	3.18	8.59	29.28	37.87	0.51	74.25
H	44.57	9.46	41.03	29.33	38.31	0.50	76.62
H	1.42	17.67	4.86	29.37	37.88	0.50	75.76
H	42.59	0.32	19.02	29.38	38.02	0.51	74.55
H	20.22	0.74	3.69	29.40	38.07	0.50	76.14
H	43.93	17.50	3.96	29.46	38.11	0.51	74.73
H	3.32	0.23	14.65	29.49	37.83	0.51	74.18
H	19.63	2.42	2.23	29.51	37.99	0.51	74.49
H	41.30	10.86	5.22	29.61	37.99	0.50	75.98
H	38.48	12.34	2.32	29.62	37.99	0.51	74.49
H	1.56	42.07	7.33	29.68	37.96	0.50	75.92
H	5.96	17.00	0.88	29.70	37.78	0.51	74.08
H	8.13	1.30	43.92	29.73	38.21	0.51	74.92
H	42.34	6.17	42.47	29.88	38.03	0.51	74.57
H	4.55	41.63	41.41	30.02	38.00	0.52	73.08
H	6.69	1.02	8.37	30.03	37.90	0.51	74.31
H	5.66	43.75	2.95	30.15	38.02	0.51	74.55
H	41.20	1.58	11.70	30.16	38.08	0.51	74.67
H	10.85	0.73	5.47	30.19	37.79	0.51	74.10
H	3.37	39.29	2.06	30.37	38.02	0.51	74.55
H	30.47	3.38	1.74	30.44	37.76	0.51	74.04
H	35.76	0.88	6.46	30.51	37.81	0.51	74.14
H	43.52	42.89	3.09	30.52	37.70	0.51	73.92
H	2.29	8.75	5.31	30.56	37.82	0.51	74.16
H	3.90	2.45	43.04	30.76	37.86	0.51	74.24
H	0.63	21.82	3.30	30.81	37.96	0.50	75.92
H	41.60	6.42	6.26	30.82	37.76	0.51	74.04
H	3.72	7.20	4.38	30.92	37.66	0.51	73.84
H	16.36	0.52	2.38	31.00	37.90	0.51	74.31
H	43.00	0.48	37.47	31.13	38.24	0.51	74.98
H	40.45	1.40	42.28	31.15	38.07	0.51	74.65
H	0.73	40.11	39.86	31.16	38.26	0.51	75.02
H	1.22	4.26	8.70	31.21	37.94	0.51	74.39
H	10.33	6.04	0.41	31.21	38.23	0.51	74.96
H	9.29	4.59	1.78	31.24	38.34	0.51	75.18
H	2.61	37.72	0.60	31.41	37.91	0.51	74.33
H	0.77	30.40	0.83	31.43	37.90	0.50	75.80
H	34.53	0.54	4.57	31.43	37.87	0.51	74.25
H	1.04	13.38	2.94	31.66	37.97	0.51	74.45
H	35.65	5.22	1.32	31.66	37.95	0.50	75.90
H	37.47	6.63	1.50	31.73	37.77	0.51	74.06
H	0.97	43.86	38.59	31.81	38.04	0.50	76.08
H	0.13	43.54	6.30	31.91	37.93	0.51	74.37
H	44.28	12.10	4.28	31.91	37.87	0.51	74.25
H	4.31	9.79	1.20	31.94	37.43	0.51	73.39
H	2.24	3.31	44.33	32.02	38.03	0.51	74.57
H	42.38	44.15	43.83	32.19	37.80	0.51	74.12
H	29.48	0.47	1.30	32.22	37.70	0.51	73.92
H	0.78	2.11	9.20	32.39	38.03	0.51	74.57
H	31.70	1.63	0.83	32.48	37.52	0.51	73.57
H	1.01	42.01	2.78	32.54	37.71	0.51	73.94

H	5.76	4.27	2.24	32.65	38.01	0.52	73.10
H	43.70	15.05	0.24	32.73	37.93	0.51	74.37
H	0.04	20.80	1.31	32.75	37.74	0.50	75.48
H	1.59	2.93	6.21	33.07	37.99	0.51	74.49
H	2.09	9.35	1.25	33.32	37.63	0.51	73.78
H	6.21	2.09	1.72	33.92	38.20	0.51	74.90
H	35.17	0.61	0.54	34.46	37.72	0.51	73.96
H	41.80	1.79	4.04	34.61	37.81	0.51	74.14
H	0.54	4.28	3.65	34.63	37.86	0.51	74.24
H	1.32	7.54	0.89	34.67	37.54	0.51	73.61
H	40.30	1.71	2.31	34.95	37.81	0.51	74.14
H	44.16	6.53	2.00	35.17	37.69	0.52	72.48

[a]distance to the nearest electron spin.

Table S7. Coordinates and polarizations calculated for the fifth bTbK conformation

	x / Å	y / Å	z / Å	d^A / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	23.53	27.43	21.63				
e	21.33	22.13	27.94				
H	22.12	25.97	20.91	2.15	82.63	0.03	2754.33
H	23.42	28.30	23.76	2.30	84.68	0.03	2822.67
H	19.36	22.24	26.74	2.31	78.90	0.04	1972.50
H	23.96	28.56	19.64	2.33	81.56	0.04	2039.00
H	21.34	19.54	28.41	2.63	80.52	0.06	1342.00
H	23.48	22.61	29.39	2.64	79.72	0.05	1594.40
H	22.57	21.26	30.11	2.66	80.11	0.05	1602.20
H	25.14	29.54	21.18	2.69	80.45	0.05	1609.00
H	24.06	26.70	24.24	2.77	83.14	0.03	2771.33
H	22.85	24.23	26.93	2.79	80.83	0.05	1616.60
H	21.07	24.73	26.81	2.84	80.12	0.05	1602.40
H	18.99	22.25	29.68	2.92	79.42	0.05	1588.40
H	23.17	27.27	18.62	3.03	80.06	0.05	1601.20
H	23.11	24.46	20.69	3.15	79.65	0.05	1593.00
H	22.07	19.25	26.80	3.19	78.32	0.06	1305.33
H	21.99	20.72	25.12	3.22	77.09	0.08	963.63
H	22.57	25.43	19.22	3.27	80.10	0.05	1602.00
H	19.78	21.59	25.05	3.31	77.87	0.04	1946.75
H	19.59	23.36	25.33	3.36	78.14	0.05	1562.80
H	25.66	29.74	22.87	3.38	80.04	0.05	1600.80
H	25.02	27.54	18.59	3.39	78.78	0.06	1313.00
H	25.03	28.25	24.62	3.44	83.04	0.04	2076.00
H	26.42	26.26	19.90	3.56	77.82	0.07	1111.71
H	27.09	27.00	21.52	3.59	77.95	0.07	1113.57
H	24.34	21.06	29.58	3.60	79.14	0.06	1319.00
H	24.87	21.74	27.30	3.62	77.55	0.08	969.38
H	23.07	18.98	28.35	3.63	79.35	0.07	1133.57
H	26.87	29.02	21.80	3.70	79.19	0.06	1319.83
H	22.15	24.67	25.33	3.72	80.03	0.06	1333.83
H	26.84	26.56	23.32	3.81	77.89	0.07	1112.71
H	24.34	20.10	26.68	3.84	77.45	0.09	860.56
H	22.09	22.15	24.13	3.88	75.63	0.09	840.33
H	25.52	24.64	19.69	3.94	76.99	0.08	962.38
H	18.51	18.67	28.80	4.55	70.24	0.16	439.00
H	17.39	19.59	27.01	4.78	69.32	0.17	407.76
H	18.96	27.40	20.01	4.85	56.89	0.32	177.78
H	26.62	28.85	17.90	5.05	69.22	0.17	407.18
H	26.29	24.34	24.56	5.07	68.38	0.20	341.90
H	24.72	22.46	21.55	5.11	70.34	0.17	413.76
H	23.69	22.50	23.09	5.15	70.56	0.16	441.00
H	19.31	29.27	24.05	5.20	55.25	0.35	157.86
H	22.95	26.98	29.00	5.22	62.43	0.26	240.12

H	16.16	22.24	26.08	5.49	56.07	0.34	164.91
H	19.09	29.25	18.62	5.66	56.03	0.33	169.79
H	15.99	23.02	29.84	5.73	58.29	0.32	182.16
H	26.62	22.79	25.40	5.91	67.45	0.20	337.25
H	19.41	28.00	25.95	6.00	55.54	0.35	158.69
H	21.42	26.88	31.63	6.02	58.57	0.31	188.94
H	22.84	33.14	19.86	6.02	54.12	0.36	150.33
H	25.72	33.06	20.92	6.08	54.47	0.36	151.31
H	24.00	18.85	32.33	6.10	57.88	0.33	175.39
H	26.87	18.99	28.52	6.40	59.39	0.31	191.58
H	21.90	21.38	20.13	6.44	61.33	0.28	219.04
H	26.70	24.98	16.57	6.45	56.93	0.33	172.52
H	24.61	28.66	15.37	6.47	57.02	0.33	172.79
H	26.44	27.03	27.51	6.57	62.50	0.27	231.48
H	27.08	21.90	21.65	6.57	65.93	0.22	299.68
H	28.01	22.77	23.00	6.61	65.81	0.22	299.14
H	26.74	20.74	24.35	6.65	66.52	0.22	302.36
H	23.84	16.07	26.66	6.69	54.66	0.36	151.83
H	21.71	21.96	34.65	6.73	50.43	0.42	120.07
H	26.79	31.27	26.12	6.75	55.26	0.36	153.50
H	30.30	27.89	22.10	6.80	54.65	0.36	151.81
H	20.19	23.30	17.22	6.90	58.52	0.32	182.88
H	19.88	21.33	21.20	6.94	61.11	0.28	218.25
H	28.88	28.96	17.33	7.03	65.84	0.22	299.27
H	27.78	25.06	27.62	7.09	62.32	0.27	230.81
H	25.89	20.35	22.79	7.11	66.49	0.21	316.62
H	18.14	31.94	22.92	7.15	49.63	0.42	118.17
H	22.91	21.79	17.21	7.19	57.62	0.33	174.61
H	16.66	20.84	33.42	7.31	49.49	0.43	115.09
H	29.77	23.55	21.82	7.35	64.24	0.24	267.67
H	14.05	22.82	26.65	7.42	54.27	0.37	146.68
H	20.07	23.76	35.13	7.48	50.21	0.43	116.77
H	15.43	26.69	26.64	7.56	49.66	0.42	118.24
H	22.72	29.34	14.32	7.60	56.20	0.34	165.29
H	25.71	17.36	31.91	7.61	57.73	0.33	174.94
H	24.69	22.74	34.75	7.63	50.44	0.42	120.10
H	20.74	31.80	27.39	7.75	49.05	0.43	114.07
H	27.06	23.35	33.10	7.81	50.29	0.42	119.74
H	30.84	30.19	22.12	7.83	53.83	0.37	145.49
H	15.77	26.99	20.69	7.83	52.08	0.39	133.54
H	21.86	34.55	24.55	7.88	49.04	0.43	114.05
H	18.23	18.29	34.18	7.96	49.04	0.43	114.05
H	26.14	15.88	26.78	7.98	53.89	0.37	145.65
H	28.86	30.58	26.74	8.03	54.81	0.37	148.14
H	20.18	16.48	22.15	8.17	49.73	0.41	121.29
H	21.72	25.34	35.50	8.22	50.03	0.43	116.35
H	15.59	29.06	19.83	8.30	52.14	0.39	133.69
H	23.83	35.51	23.89	8.40	49.04	0.44	111.45
H	15.40	27.23	31.02	8.40	48.46	0.44	110.14
H	18.09	16.01	23.07	8.47	49.62	0.41	121.02
H	29.63	20.26	28.56	8.53	55.63	0.35	158.94
H	18.23	31.03	15.64	8.77	48.99	0.43	113.93
H	29.08	23.08	16.28	8.85	54.15	0.37	146.35
H	17.00	33.45	21.52	8.88	48.96	0.43	113.86
H	21.40	13.38	29.52	8.89	47.86	0.45	106.36
H	27.49	26.84	32.37	8.93	49.74	0.43	115.67
H	15.10	15.82	26.84	8.94	48.02	0.45	106.71
H	21.04	29.48	33.31	9.11	48.66	0.44	110.59
H	23.98	36.56	21.13	9.15	49.10	0.43	114.19
H	19.72	33.82	27.08	9.23	48.79	0.44	110.89
H	15.11	21.84	21.07	9.27	49.47	0.44	112.43
H	12.36	19.29	28.14	9.41	48.52	0.44	110.27

H	29.53	34.14	18.90	9.41	48.64	0.44	110.55
H	24.90	25.52	12.38	9.54	49.87	0.42	118.74
H	23.55	33.86	14.51	9.59	48.25	0.44	109.66
H	31.67	26.39	26.66	9.63	50.00	0.43	116.28
H	14.54	29.14	28.27	9.76	48.80	0.44	110.91
H	18.60	35.91	21.59	9.81	48.97	0.44	111.30
H	29.05	21.18	33.95	9.84	49.06	0.43	114.09
H	17.62	26.39	35.99	9.84	48.23	0.44	109.61
H	27.05	18.44	19.10	9.98	51.67	0.41	126.02
H	22.14	20.53	14.50	10.01	51.64	0.41	125.95
H	15.83	20.09	19.82	10.01	49.53	0.44	112.57
H	14.55	27.42	33.19	10.08	48.13	0.44	109.39
H	31.55	21.39	20.69	10.09	54.39	0.37	147.00
H	19.88	12.15	28.37	10.10	47.80	0.45	106.22
H	15.66	25.25	35.73	10.13	48.11	0.44	109.34
H	11.34	20.62	26.56	10.19	48.75	0.44	110.80
H	23.11	30.25	33.99	10.28	48.68	0.44	110.64
H	21.47	34.87	14.78	10.32	48.12	0.45	106.93
H	18.76	29.97	12.80	10.35	48.60	0.44	110.45
H	27.15	29.82	31.72	10.36	49.46	0.44	112.41
H	27.59	32.02	13.23	10.40	48.56	0.45	107.91
H	16.21	14.86	33.34	10.41	47.88	0.45	106.40
H	29.79	35.30	24.56	10.47	48.78	0.44	110.86
H	33.86	28.94	20.36	10.52	49.40	0.43	114.88
H	29.69	25.95	13.21	10.53	49.55	0.43	115.23
H	24.08	27.15	11.07	10.58	49.70	0.42	118.33
H	23.84	22.38	38.21	10.58	48.62	0.45	108.04
H	16.72	34.32	26.24	10.73	48.79	0.44	110.89
H	31.51	25.16	29.48	10.74	49.85	0.43	115.93
H	17.38	31.15	32.28	10.76	48.09	0.45	106.87
H	12.04	27.23	29.96	10.78	48.43	0.44	110.07
H	14.14	14.04	27.99	10.82	47.72	0.44	108.45
H	22.41	14.94	19.87	10.86	49.74	0.42	118.43
H	32.70	28.42	15.86	10.87	49.80	0.42	118.57
H	10.80	21.62	30.71	10.89	48.05	0.44	109.20
H	13.30	15.76	31.70	10.92	47.81	0.45	106.24
H	27.64	15.38	33.89	11.00	48.18	0.45	107.07
H	28.94	30.43	12.44	11.07	48.32	0.45	107.38
H	26.43	12.46	26.24	11.07	49.42	0.43	114.93
H	29.99	36.24	19.53	11.12	48.60	0.44	110.45
H	29.53	35.28	26.82	11.17	48.76	0.44	110.82
H	11.62	23.81	22.66	11.18	49.02	0.43	114.00
H	22.87	12.37	33.16	11.18	47.66	0.46	103.61
H	24.17	38.49	19.85	11.22	48.91	0.43	113.74
H	20.53	38.26	21.17	11.24	48.40	0.44	110.00
H	15.51	18.31	36.80	11.27	47.78	0.46	103.87
H	22.69	24.24	38.96	11.30	48.98	0.45	108.84
H	25.24	16.96	37.19	11.30	48.41	0.44	110.02
H	28.24	16.42	21.01	11.33	50.84	0.41	124.00
H	10.98	26.77	27.98	11.34	48.51	0.44	110.25
H	16.24	20.38	16.50	11.36	48.75	0.44	110.80
H	11.05	22.28	32.90	11.41	47.93	0.44	108.93
H	13.66	16.32	21.78	11.42	48.22	0.44	109.59
H	33.30	33.29	22.93	11.47	48.50	0.44	110.23
H	28.21	12.96	27.63	11.47	49.32	0.43	114.70
H	19.72	24.29	11.27	11.48	48.09	0.44	109.30
H	25.81	36.60	28.20	11.52	48.32	0.44	109.82
H	17.52	20.41	14.75	11.53	49.01	0.44	111.39
H	10.49	18.14	28.75	11.58	48.36	0.44	109.91
H	20.35	18.34	38.85	11.60	47.40	0.45	105.33
H	23.58	11.75	23.24	11.62	48.68	0.44	110.64
H	14.52	31.09	31.07	11.67	48.44	0.44	110.09

H	27.90	13.23	24.19	11.68	49.03	0.43	114.02
H	35.00	27.20	19.35	11.69	49.36	0.43	114.79
H	33.53	25.46	15.88	11.70	49.78	0.43	115.77
H	30.61	17.53	22.50	11.70	50.86	0.41	124.05
H	25.68	18.85	38.35	11.76	48.38	0.44	109.95
H	13.45	33.51	21.27	11.78	48.00	0.45	106.67
H	16.27	19.81	38.35	11.80	47.48	0.45	105.51
H	31.11	15.45	27.99	11.85	48.77	0.43	113.42
H	28.02	37.89	25.03	11.88	48.20	0.45	107.11
H	19.79	20.38	39.61	11.91	47.37	0.45	105.27
H	28.60	18.91	14.93	11.96	50.02	0.43	116.33
H	24.47	19.09	13.07	11.98	50.53	0.42	120.31
H	25.35	15.06	18.99	12.09	50.17	0.42	119.45
H	16.09	12.59	33.24	12.11	47.70	0.45	106.00
H	27.96	36.06	14.34	12.14	47.84	0.46	104.00
H	11.36	22.24	21.00	12.14	49.07	0.43	114.12
H	35.00	24.40	24.25	12.15	49.65	0.44	112.84
H	34.60	31.86	18.93	12.22	48.51	0.44	110.25
H	25.84	36.65	13.78	12.33	47.92	0.45	106.49
H	12.43	13.98	30.57	12.35	47.60	0.45	105.78
H	14.10	28.91	13.66	12.43	47.15	0.45	104.78
H	25.58	29.19	37.32	12.48	47.70	0.45	106.00
H	14.64	35.40	17.98	12.48	47.58	0.45	105.73
H	33.72	21.63	29.68	12.53	48.75	0.44	110.80
H	20.74	37.67	14.92	12.56	47.92	0.45	106.49
H	24.65	27.70	38.72	12.58	47.69	0.45	105.98
H	28.75	31.04	32.82	12.58	49.32	0.44	112.09
H	21.88	10.42	32.53	12.59	47.47	0.46	103.20
H	19.60	16.95	15.81	12.61	48.93	0.44	111.20
H	8.77	22.97	28.79	12.61	48.24	0.44	109.64
H	11.40	16.56	22.20	12.74	48.29	0.45	107.31
H	33.52	19.19	30.18	12.75	48.56	0.44	110.36
H	34.07	20.68	24.07	12.75	49.89	0.42	118.79
H	29.67	23.82	11.00	12.79	49.48	0.43	115.07
H	34.18	21.50	17.72	12.80	49.93	0.42	118.88
H	20.52	9.42	26.61	12.80	47.95	0.45	106.56
H	15.65	36.26	26.69	12.87	48.80	0.44	110.91
H	11.84	30.17	16.95	12.88	48.00	0.45	106.67
H	16.46	11.70	22.13	12.89	47.72	0.45	106.04
H	24.64	32.34	9.74	12.91	47.61	0.45	105.80
H	22.98	35.49	31.74	12.94	47.80	0.45	106.22
H	26.45	36.56	30.38	12.98	48.19	0.44	109.52
H	27.81	25.99	38.53	13.01	47.94	0.45	106.53
H	27.86	39.56	23.50	13.01	48.36	0.44	109.91
H	35.25	24.42	26.55	13.06	49.55	0.43	115.23
H	32.57	26.92	32.56	13.07	48.78	0.44	110.86
H	22.03	37.05	30.36	13.08	47.78	0.45	106.18
H	14.76	33.41	13.93	13.12	47.34	0.45	105.20
H	23.63	38.28	14.21	13.14	47.81	0.45	106.24
H	15.87	30.50	36.52	13.17	47.81	0.45	106.24
H	8.41	24.80	27.49	13.19	48.08	0.45	106.84
H	12.36	34.15	19.39	13.22	48.05	0.45	106.78
H	9.92	28.38	25.47	13.24	48.10	0.44	109.32
H	31.68	26.85	34.71	13.24	48.86	0.44	111.05
H	21.17	30.26	38.42	13.27	47.95	0.45	106.56
H	33.03	33.49	14.52	13.32	47.95	0.45	106.56
H	10.78	30.37	19.01	13.34	48.20	0.45	107.11
H	22.06	39.27	15.59	13.37	47.77	0.45	106.16
H	19.67	39.11	16.36	13.39	47.90	0.45	106.44
H	33.93	21.59	15.53	13.39	49.87	0.42	118.74
H	14.03	25.10	38.77	13.40	48.03	0.45	106.73
H	27.56	16.96	14.29	13.40	49.96	0.43	116.19

H	23.19	9.52	23.64	13.45	48.37	0.44	109.93
H	32.05	15.73	22.93	13.46	50.74	0.42	120.81
H	31.03	20.37	37.16	13.51	47.82	0.44	108.68
H	14.10	20.76	14.58	13.53	48.47	0.44	110.16
H	10.70	13.88	26.28	13.56	47.84	0.45	106.31
H	16.50	35.95	13.76	13.56	47.59	0.45	105.76
H	18.74	29.10	8.99	13.62	47.88	0.45	106.40
H	33.86	31.61	29.48	13.63	47.73	0.45	106.07
H	15.10	10.76	23.71	13.64	47.77	0.45	106.16
H	35.31	32.42	16.85	13.66	48.31	0.45	107.36
H	28.19	11.20	23.21	13.75	49.01	0.43	113.98
H	29.34	14.83	36.41	13.76	47.95	0.45	106.56
H	8.72	16.82	29.42	13.76	48.17	0.44	109.48
H	32.30	22.11	36.28	13.79	48.01	0.44	109.11
H	33.33	18.27	33.52	13.79	48.08	0.45	106.84
H	33.98	16.44	28.38	13.88	48.66	0.44	110.59
H	14.89	37.05	16.39	13.95	47.57	0.45	105.71
H	32.06	18.84	36.25	13.97	47.85	0.45	106.33
H	8.60	26.79	24.45	14.00	48.06	0.44	109.23
H	36.04	32.02	25.97	14.01	48.20	0.45	107.11
H	18.47	34.95	32.87	14.02	47.61	0.45	105.80
H	18.29	13.67	38.72	14.04	47.70	0.46	103.70
H	35.84	20.70	22.65	14.07	49.96	0.42	118.95
H	16.54	15.11	16.70	14.09	48.37	0.44	109.93
H	17.56	8.62	26.57	14.10	47.78	0.45	106.18
H	19.77	10.55	35.83	14.10	47.73	0.46	103.76
H	14.10	29.50	37.62	14.15	47.97	0.44	109.02
H	17.28	23.77	9.45	14.17	47.94	0.45	106.53
H	19.92	14.69	39.94	14.19	47.51	0.46	103.28
H	19.12	40.56	24.76	14.21	47.80	0.45	106.22
H	33.07	37.09	17.35	14.23	48.31	0.45	107.36
H	34.01	36.82	24.05	14.28	48.17	0.45	107.04
H	24.78	21.66	8.62	14.29	48.43	0.44	110.07
H	36.50	29.32	27.34	14.30	48.07	0.45	106.82
H	19.48	31.20	8.42	14.32	47.75	0.45	106.11
H	14.44	15.00	17.57	14.34	47.99	0.45	106.64
H	7.96	25.57	32.06	14.40	47.62	0.45	105.82
H	31.84	17.58	15.11	14.44	49.63	0.43	115.42
H	19.37	35.93	10.71	14.45	47.53	0.45	105.62
H	24.46	41.18	26.00	14.45	47.47	0.45	105.49
H	30.61	11.32	30.34	14.46	48.17	0.44	109.48
H	29.53	30.86	8.76	14.61	47.93	0.45	106.51
H	23.36	12.71	38.91	14.61	47.25	0.45	105.00
H	27.14	39.07	13.52	14.64	47.64	0.45	105.87
H	25.64	32.15	37.70	14.64	47.72	0.45	106.04
H	20.86	22.59	8.04	14.67	48.23	0.45	107.18
H	33.57	30.52	11.36	14.69	47.72	0.45	106.04
H	16.76	8.35	30.23	14.70	47.05	0.46	102.28
H	11.37	30.00	35.40	14.73	47.58	0.46	103.43
H	32.74	35.40	13.30	14.76	47.71	0.45	106.02
H	12.33	13.12	35.44	14.78	47.63	0.46	103.54
H	19.39	32.74	38.06	14.79	47.45	0.45	105.44
H	24.67	42.16	20.87	14.79	48.01	0.45	106.69
H	8.50	20.06	35.01	14.79	47.29	0.45	105.09
H	32.45	12.67	30.30	14.80	48.21	0.44	109.57
H	21.10	14.99	13.99	14.80	48.80	0.44	110.91
H	17.26	22.68	42.16	14.81	47.23	0.45	104.96
H	29.43	33.93	33.59	14.84	48.72	0.44	110.73
H	31.74	16.02	16.85	14.84	49.59	0.43	115.33
H	12.06	25.77	12.35	14.85	47.27	0.45	105.04
H	14.18	12.31	36.51	14.87	47.76	0.45	106.13
H	22.04	19.88	8.88	14.89	48.02	0.44	109.14

H	24.62	27.11	6.76	14.91	47.74	0.44	108.50
H	11.82	30.88	13.05	14.92	47.43	0.45	105.40
H	37.99	25.60	18.44	14.92	48.26	0.44	109.68
H	31.77	38.80	16.58	14.92	48.38	0.45	107.51
H	26.77	8.14	28.20	15.02	47.78	0.45	106.18
H	26.14	34.22	35.49	15.05	47.78	0.45	106.18
H	24.05	33.00	7.65	15.06	47.50	0.45	105.56
H	26.18	13.47	16.59	15.08	49.46	0.43	115.02
H	11.85	36.78	23.49	15.08	47.61	0.45	105.80
H	22.45	42.03	25.29	15.09	47.33	0.45	105.18
H	15.15	29.75	9.28	15.10	47.14	0.45	104.76
H	22.86	21.65	42.96	15.11	47.62	0.46	103.52
H	37.26	33.42	19.59	15.11	48.02	0.45	106.71
H	14.99	39.73	23.81	15.13	47.60	0.46	103.48
H	13.60	26.90	40.15	15.22	47.93	0.45	106.51
H	12.55	17.27	39.44	15.27	47.26	0.45	105.02
H	34.43	21.23	12.83	15.32	49.90	0.42	118.81
H	30.78	26.34	39.27	15.35	47.62	0.45	105.82
H	35.79	23.69	32.85	15.36	48.19	0.45	107.09
H	27.03	19.56	8.88	15.38	48.58	0.44	110.41
H	25.13	13.48	40.08	15.39	47.60	0.45	105.78
H	13.81	19.65	12.57	15.40	48.57	0.45	107.93
H	18.86	12.52	16.14	15.41	48.18	0.45	107.07
H	18.99	42.08	19.86	15.44	48.04	0.46	104.43
H	8.67	17.88	35.70	15.44	47.34	0.45	105.20
H	9.91	11.69	28.28	15.48	47.70	0.45	106.00
H	9.12	25.45	36.87	15.49	47.08	0.46	102.35
H	20.64	9.98	18.36	15.49	47.92	0.45	106.49
H	15.12	8.46	31.81	15.51	47.39	0.46	103.02
H	7.36	17.68	22.85	15.52	47.64	0.46	103.57
H	28.55	28.51	6.98	15.52	47.82	0.45	106.27
H	32.60	31.94	9.83	15.54	47.57	0.45	105.71
H	33.06	19.51	12.24	15.55	49.90	0.43	116.05
H	37.63	27.53	28.18	15.55	48.40	0.45	107.56
H	30.17	19.16	40.38	15.56	47.96	0.45	106.58
H	26.45	29.03	40.90	15.56	47.53	0.45	105.62
H	10.44	32.32	32.48	15.58	47.47	0.46	103.20
H	23.49	8.11	21.41	15.62	48.23	0.44	109.61
H	27.69	19.97	42.04	15.63	47.63	0.44	108.25
H	21.13	28.97	42.00	15.64	47.67	0.45	105.93
H	28.35	34.20	8.34	15.67	47.68	0.45	105.96
H	26.61	26.05	6.32	15.67	47.73	0.44	108.48
H	27.25	9.61	35.38	15.73	47.79	0.45	106.20
H	25.51	31.02	40.23	15.74	47.57	0.45	105.71
H	30.85	41.25	19.65	15.77	48.22	0.45	107.16
H	15.72	37.79	30.58	15.77	47.84	0.45	106.31
H	22.99	7.09	23.40	15.80	48.47	0.44	110.16
H	5.71	21.47	25.57	15.80	47.69	0.44	108.39
H	23.95	15.37	42.04	15.86	47.34	0.45	105.20
H	17.79	17.40	42.66	15.86	47.25	0.45	105.00
H	36.02	32.04	30.29	15.88	47.59	0.45	105.76
H	8.21	28.08	17.49	15.88	47.79	0.45	106.20
H	12.98	29.94	10.02	15.89	47.11	0.45	104.69
H	22.70	35.63	8.05	15.89	47.52	0.45	105.60
H	8.94	32.10	27.19	15.91	47.64	0.45	105.87
H	12.45	9.28	30.97	15.91	47.24	0.46	102.70
H	20.82	7.81	34.86	15.91	47.41	0.46	103.07
H	17.85	26.32	6.77	15.94	47.51	0.45	105.58
H	8.53	12.95	30.65	15.98	47.56	0.45	105.69
H	34.70	15.98	34.18	15.99	47.83	0.45	106.29
H	26.39	11.25	17.27	16.06	49.28	0.43	114.60
H	7.88	30.53	30.50	16.06	47.49	0.45	105.53

H	8.59	22.84	17.89	16.06	47.55	0.45	105.67
H	12.45	34.59	32.97	16.11	47.51	0.46	103.28
H	7.54	28.19	33.67	16.12	47.19	0.46	102.59
H	19.48	27.72	43.02	16.19	47.54	0.46	103.35
H	39.47	25.00	20.04	16.20	48.41	0.44	110.02
H	17.56	36.79	33.89	16.26	47.44	0.45	105.42
H	7.67	15.61	21.91	16.28	47.57	0.45	105.71
H	26.60	6.81	30.03	16.34	47.70	0.45	106.00
H	18.71	42.41	26.03	16.34	47.94	0.45	106.53
H	15.54	20.74	43.17	16.35	47.43	0.45	105.40
H	21.98	36.22	36.22	16.36	47.42	0.45	105.38
H	23.19	37.71	8.89	16.37	47.45	0.45	105.44
H	30.65	34.27	8.55	16.39	47.61	0.45	105.80
H	30.44	23.30	7.35	16.39	47.81	0.45	106.24
H	14.07	7.54	26.19	16.39	47.44	0.45	105.42
H	29.28	41.62	27.50	16.40	47.71	0.45	106.02
H	27.18	41.35	13.71	16.43	47.54	0.45	105.64
H	30.87	14.59	38.98	16.43	48.08	0.45	106.84
H	30.92	9.77	32.99	16.45	47.86	0.45	106.36
H	37.95	19.80	19.52	16.45	48.87	0.43	113.65
H	35.07	30.66	32.90	16.45	47.44	0.45	105.42
H	38.08	35.11	20.77	16.48	47.82	0.45	106.27
H	20.67	38.63	9.88	16.48	47.42	0.46	103.09
H	13.73	40.70	22.13	16.51	47.37	0.45	105.27
H	16.85	24.32	43.69	16.52	47.27	0.45	105.04
H	21.10	5.90	31.01	16.53	47.21	0.46	102.63
H	9.38	24.82	39.06	16.55	47.24	0.46	102.70
H	36.26	25.33	34.35	16.57	48.02	0.45	106.71
H	36.97	27.02	11.88	16.60	47.07	0.45	104.60
H	32.78	38.19	13.00	16.60	48.00	0.45	106.67
H	15.55	19.43	9.44	16.62	48.07	0.45	106.82
H	34.36	35.96	30.91	16.62	47.35	0.45	105.22
H	21.61	23.10	44.56	16.65	47.52	0.45	105.60
H	9.25	11.10	24.46	16.72	47.55	0.45	105.67
H	34.67	13.74	33.61	16.75	47.91	0.45	106.47
H	20.00	43.49	18.40	16.76	47.83	0.45	106.29
H	29.07	7.68	24.45	16.76	47.97	0.45	106.60
H	16.72	9.82	38.34	16.76	47.42	0.45	105.38
H	16.64	10.50	16.81	16.77	48.03	0.45	106.73
H	10.77	31.21	37.29	16.77	47.44	0.46	103.13
H	14.74	16.18	12.80	16.79	47.70	0.46	103.70
H	17.66	15.94	10.87	16.80	47.79	0.46	103.89
H	31.53	11.90	19.34	16.82	48.88	0.44	111.09
H	30.95	30.35	39.05	16.84	47.82	0.45	106.27
H	15.99	6.27	26.05	16.85	47.25	0.45	105.00
H	18.96	41.22	30.17	16.85	47.64	0.45	105.87
H	37.35	17.78	21.62	16.85	48.97	0.44	111.30
H	10.25	24.52	11.65	16.86	47.07	0.45	104.60
H	18.23	10.65	39.91	16.87	47.32	0.46	102.87
H	23.92	44.30	21.07	16.88	48.03	0.45	106.73
H	15.48	32.09	40.28	16.91	47.57	0.45	105.71
H	35.80	13.50	26.57	16.91	48.12	0.45	106.93
H	29.14	11.40	17.44	16.92	49.22	0.43	114.47
H	40.32	28.45	19.39	16.96	47.76	0.44	108.55
H	7.59	31.97	17.95	16.98	47.44	0.46	103.13
H	21.40	27.77	43.96	16.99	47.73	0.45	106.07
H	14.05	9.07	19.85	16.99	47.53	0.46	103.33
H	28.49	15.25	10.79	17.04	48.48	0.44	110.18
H	27.87	40.11	32.16	17.05	47.55	0.45	105.67
H	20.97	5.10	26.87	17.07	47.71	0.46	103.72
H	22.49	24.29	4.88	17.07	47.64	0.45	105.87
H	30.35	8.59	22.77	17.08	47.99	0.44	109.07

H	4.21	22.06	27.17	17.14	47.72	0.44	108.45
H	22.50	40.97	32.08	17.14	47.16	0.46	102.52
H	25.41	16.26	43.53	17.16	47.41	0.45	105.36
H	8.12	32.22	15.74	17.18	47.40	0.46	103.04
H	6.89	31.49	23.11	17.19	47.54	0.45	105.64
H	30.32	11.65	38.17	17.19	47.94	0.45	106.53
H	35.21	39.95	23.15	17.19	47.89	0.45	106.42
H	7.10	14.51	34.14	17.29	47.04	0.46	102.26
H	29.21	43.41	18.24	17.30	48.13	0.45	106.96
H	10.56	14.24	16.88	17.33	47.87	0.46	104.07
H	7.46	33.68	23.36	17.33	47.24	0.45	104.98
H	26.99	24.36	44.17	17.34	47.51	0.45	105.58
H	9.39	17.95	16.03	17.37	47.53	0.45	105.62
H	12.00	16.75	41.57	17.37	47.27	0.45	105.04
H	40.31	23.32	23.62	17.39	48.06	0.44	109.23
H	11.43	37.73	14.55	17.40	47.32	0.46	102.87
H	8.80	36.48	23.80	17.43	47.55	0.46	103.37
H	11.62	8.93	33.95	17.46	47.28	0.46	102.78
H	37.17	34.42	13.26	17.46	47.77	0.46	103.85
H	26.80	30.14	4.67	17.48	47.63	0.45	105.84
H	6.76	21.53	18.27	17.50	47.66	0.44	108.32
H	20.69	30.50	4.59	17.54	47.27	0.46	102.76
H	28.20	22.41	44.11	17.58	47.49	0.45	105.53
H	38.43	18.14	28.88	17.59	47.74	0.45	106.09
H	4.09	21.50	31.41	17.60	47.79	0.45	106.20
H	26.76	39.52	34.01	17.60	47.19	0.46	102.59
H	10.51	33.33	11.36	17.60	47.31	0.46	102.85
H	39.14	34.89	24.97	17.62	47.34	0.46	102.91
H	12.69	7.01	30.71	17.64	47.12	0.46	102.43
H	31.19	16.83	9.78	17.64	48.48	0.44	110.18
H	25.89	44.38	26.25	17.73	47.41	0.45	105.36
H	20.76	7.94	17.31	17.74	48.02	0.45	106.71
H	15.58	20.41	7.40	17.74	47.93	0.45	106.51
H	38.55	21.49	32.13	17.74	47.52	0.45	105.60
H	10.09	9.79	21.82	17.78	47.44	0.46	103.13
H	21.49	15.98	44.62	17.78	47.14	0.45	104.76
H	39.97	28.36	28.42	17.81	48.27	0.45	107.27
H	33.27	8.91	28.15	17.82	47.78	0.45	106.18
H	32.70	23.00	7.00	17.82	47.69	0.45	105.98
H	17.79	27.51	4.74	17.83	47.49	0.45	105.53
H	8.47	31.90	13.17	17.84	47.10	0.46	102.39
H	37.41	19.26	35.10	17.84	47.31	0.46	102.85
H	26.86	13.75	10.65	17.86	48.36	0.44	109.91
H	14.65	38.50	32.49	17.87	47.82	0.46	103.96
H	21.73	38.42	35.62	17.88	47.27	0.45	105.04
H	29.18	15.87	9.20	17.89	48.43	0.44	110.07
H	28.74	8.31	36.53	17.89	47.85	0.45	106.33
H	34.53	41.56	21.65	17.91	47.75	0.45	106.11
H	40.55	27.03	16.01	17.93	47.53	0.45	105.62
H	37.40	25.23	10.48	17.93	47.18	0.46	102.57
H	24.59	15.01	8.71	17.95	47.79	0.44	108.61
H	36.44	18.35	36.91	17.98	47.36	0.45	105.24
H	19.45	5.36	21.62	18.02	47.79	0.46	103.89
H	35.26	33.88	9.54	18.04	47.74	0.45	106.09
H	33.99	30.71	37.50	18.04	48.08	0.45	106.84
H	22.71	4.57	31.87	18.05	47.35	0.45	105.22
H	4.27	27.74	25.87	18.07	47.68	0.46	103.65
H	34.92	28.66	37.90	18.07	47.90	0.45	106.44
H	39.11	24.14	30.65	18.10	47.62	0.45	105.82
H	10.66	38.19	28.45	18.11	46.94	0.46	102.04
H	23.93	37.37	37.42	18.13	47.34	0.46	102.91
H	33.20	20.31	41.52	18.13	47.90	0.45	106.44

H	18.17	36.06	6.60	18.14	47.44	0.46	103.13
H	29.43	42.65	29.55	18.15	47.77	0.45	106.16
H	15.13	7.06	19.96	18.15	47.50	0.46	103.26
H	7.22	33.57	27.52	18.16	47.69	0.45	105.98
H	26.83	43.87	14.63	18.17	47.76	0.45	106.13
H	8.28	12.26	20.01	18.18	47.69	0.46	103.67
H	33.63	38.92	31.46	18.19	47.32	0.45	105.16
H	31.06	6.75	27.48	18.21	47.90	0.45	106.44
H	36.47	36.38	12.40	18.24	47.71	0.46	103.72
H	31.98	7.68	24.72	18.25	47.64	0.45	105.87
H	15.14	15.70	10.39	18.28	47.97	0.46	104.28
H	4.04	16.96	30.99	18.30	47.33	0.45	105.18
H	34.68	11.68	34.84	18.31	47.59	0.45	105.76
H	31.40	32.61	39.10	18.32	47.61	0.45	105.80
H	37.57	14.14	30.97	18.35	47.69	0.45	105.98
H	36.20	11.73	25.14	18.36	48.05	0.44	109.20
H	24.07	42.59	32.05	18.41	47.11	0.46	102.41
H	33.24	25.58	6.00	18.49	47.67	0.45	105.93
H	10.13	39.65	18.02	18.49	47.41	0.46	103.07
H	14.35	12.88	42.35	18.50	46.99	0.46	102.15
H	8.44	23.18	41.18	18.50	47.23	0.46	102.67
H	12.05	41.19	26.24	18.51	47.36	0.46	102.96
H	31.07	25.81	4.77	18.54	47.67	0.45	105.93
H	29.52	5.82	31.21	18.54	47.55	0.45	105.67
H	39.57	18.87	27.05	18.55	47.79	0.45	106.20
H	25.25	8.15	39.48	18.55	47.37	0.46	102.98
H	12.00	38.86	12.64	18.56	47.31	0.46	102.85
H	40.89	32.14	26.22	18.57	47.40	0.45	105.33
H	3.82	15.99	28.66	18.57	47.22	0.45	104.93
H	17.82	13.71	10.47	18.58	48.05	0.46	104.46
H	24.92	5.22	34.78	18.59	47.07	0.45	104.60
H	36.48	31.85	34.22	18.60	47.51	0.45	105.58
H	31.49	7.75	33.93	18.60	47.75	0.45	106.11
H	38.61	28.85	10.81	18.61	47.29	0.46	102.80
H	3.42	19.56	32.40	18.63	47.63	0.45	105.84
H	39.79	19.99	16.38	18.63	47.85	0.45	106.33
H	19.57	44.10	14.26	18.65	47.54	0.46	103.35
H	19.44	34.93	5.01	18.68	47.22	0.46	102.65
H	33.85	22.48	41.83	18.71	47.75	0.45	106.11
H	5.60	12.60	31.54	18.74	47.30	0.46	102.83
H	14.19	35.74	7.67	18.74	47.30	0.46	102.83
H	12.38	35.73	9.06	18.74	47.09	0.46	102.37
H	12.51	42.12	17.82	18.76	47.09	0.46	102.37
H	21.73	18.56	5.19	18.76	47.56	0.45	105.69
H	12.57	25.61	6.50	18.77	47.22	0.46	102.65
H	17.70	43.13	30.13	18.78	47.55	0.45	105.67
H	14.94	42.43	14.24	18.80	47.09	0.46	102.37
H	17.44	23.76	4.22	18.81	47.52	0.45	105.60
H	5.11	27.87	17.86	18.81	47.22	0.45	104.93
H	36.77	32.17	9.13	18.82	47.72	0.45	106.04
H	38.81	18.87	14.66	18.85	47.83	0.44	108.70
H	8.56	21.96	11.56	18.85	47.15	0.45	104.78
H	33.92	9.30	22.25	18.86	48.02	0.45	106.71
H	5.39	15.33	35.45	18.89	47.20	0.46	102.61
H	21.74	3.25	28.01	18.89	47.57	0.45	105.71
H	40.18	35.46	17.69	18.90	47.33	0.45	105.18
H	5.79	30.48	34.73	18.90	47.47	0.45	105.49
H	42.38	28.86	21.61	18.91	47.72	0.45	106.04
H	5.75	32.68	30.01	18.92	47.25	0.46	102.72
H	28.38	4.58	28.63	18.93	47.64	0.45	105.87
H	37.45	27.80	36.09	18.94	47.66	0.45	105.91
H	17.61	42.64	11.88	19.01	47.16	0.46	102.52

H	7.76	20.99	41.21	19.02	46.93	0.46	102.02
H	17.17	5.58	19.55	19.02	47.75	0.46	103.80
H	10.26	11.18	17.01	19.02	47.65	0.46	103.59
H	4.35	28.63	22.32	19.02	47.40	0.46	103.04
H	18.69	30.63	3.49	19.04	47.64	0.46	103.57
H	40.30	36.33	19.82	19.07	47.71	0.45	106.02
H	35.96	17.08	39.10	19.09	47.30	0.46	102.83
H	3.94	14.36	26.68	19.09	46.91	0.45	104.24
H	25.59	34.83	41.54	19.09	47.50	0.46	103.26
H	15.24	37.39	37.68	19.10	46.83	0.46	101.80
H	10.61	10.98	39.22	19.15	46.83	0.46	101.80
H	15.31	7.12	38.19	19.15	47.15	0.46	102.50
H	13.66	9.11	16.16	19.15	47.73	0.46	103.76
H	13.38	41.25	13.03	19.18	47.12	0.46	102.43
H	17.08	3.58	30.38	19.19	47.68	0.46	103.65
H	7.92	8.65	30.73	19.21	46.93	0.46	102.02
H	7.84	30.32	38.96	19.24	47.51	0.46	103.28
H	8.48	15.11	15.41	19.27	47.81	0.45	106.24
H	33.07	7.55	32.52	19.28	47.58	0.45	105.73
H	30.52	38.84	7.71	19.31	47.08	0.45	104.62
H	38.72	26.02	35.38	19.31	47.65	0.46	103.59
H	28.88	32.70	42.24	19.32	47.28	0.45	105.07
H	33.85	41.03	12.54	19.34	47.65	0.46	103.59
H	23.09	31.37	2.69	19.34	47.21	0.46	102.63
H	16.53	34.21	42.27	19.35	47.16	0.46	102.52
H	34.57	13.50	13.98	19.35	47.79	0.45	106.20
H	12.35	28.59	43.82	19.36	47.23	0.46	102.67
H	10.54	12.59	40.87	19.36	46.88	0.46	101.91
H	18.62	11.51	11.75	19.36	48.01	0.46	104.37
H	20.66	12.09	44.50	19.38	47.34	0.45	105.20
H	12.44	10.73	15.02	19.38	47.73	0.46	103.76
H	9.34	30.38	40.74	19.38	47.31	0.46	102.85
H	28.02	44.61	29.40	19.39	47.44	0.45	105.42
H	15.24	24.36	4.37	19.39	47.44	0.45	105.42
H	3.63	23.12	35.84	19.41	47.35	0.46	102.93
H	8.71	11.09	18.14	19.42	47.90	0.46	104.13
H	33.29	36.12	7.23	19.44	47.58	0.45	105.73
H	24.51	12.73	8.94	19.44	47.90	0.44	108.86
H	36.08	13.82	15.68	19.45	47.99	0.45	106.64
H	17.78	41.75	9.78	19.46	47.26	0.45	105.02
H	25.14	41.90	8.67	19.49	47.20	0.46	102.61
H	42.60	23.61	23.20	19.51	47.71	0.44	108.43
H	38.56	14.28	23.25	19.51	47.99	0.44	109.07
H	2.94	24.06	21.66	19.52	47.45	0.45	105.44
H	28.26	43.57	11.73	19.52	47.63	0.45	105.84
H	4.38	12.91	24.96	19.52	47.03	0.45	104.51
H	9.89	8.09	35.23	19.52	47.27	0.46	102.76
H	6.22	35.61	17.81	19.53	47.32	0.46	102.87
H	37.92	14.21	21.03	19.55	48.01	0.45	106.69
H	40.65	34.41	15.26	19.55	47.36	0.45	105.24
H	10.30	26.50	7.23	19.57	47.44	0.46	103.13
H	38.34	39.21	26.76	19.61	47.24	0.46	102.70
H	20.62	23.05	2.73	19.61	47.59	0.45	105.76
H	37.18	25.02	39.15	19.63	47.23	0.45	104.96
H	28.33	35.44	4.35	19.64	47.61	0.45	105.80
H	15.15	37.89	7.27	19.64	47.14	0.46	102.48
H	39.21	33.37	31.85	19.64	47.21	0.46	102.63
H	40.41	36.79	25.34	19.65	47.39	0.46	103.02
H	4.01	16.26	20.69	19.67	47.44	0.45	105.42
H	27.28	31.00	2.60	19.72	47.52	0.45	105.60
H	23.28	41.22	7.52	19.73	47.25	0.46	102.72
H	34.99	7.98	29.38	19.73	47.75	0.45	106.11

H	20.87	3.42	21.67	19.74	47.80	0.46	103.91
H	17.55	17.51	5.63	19.75	47.21	0.45	104.91
H	22.08	7.67	41.45	19.81	47.41	0.46	103.07
H	4.40	25.82	16.61	19.84	47.44	0.46	103.13
H	37.54	40.01	15.36	19.85	47.16	0.46	102.52
H	34.87	27.14	41.55	19.85	47.00	0.45	104.44
H	6.29	21.54	13.61	19.90	47.33	0.45	105.18
H	10.38	27.40	43.73	19.92	47.32	0.45	105.16
H	30.92	37.35	37.26	19.94	46.80	0.46	101.74
H	26.62	10.52	43.26	19.94	47.40	0.46	103.04
H	8.50	38.80	28.15	19.95	47.29	0.46	102.80
H	25.30	21.20	2.75	19.96	47.73	0.45	106.07
H	12.17	12.75	43.02	19.98	47.06	0.46	102.30
H	42.27	32.16	16.56	19.99	47.28	0.45	105.07
H	12.57	43.36	26.79	20.01	47.13	0.46	102.46
H	30.52	43.55	12.02	20.03	47.41	0.46	103.07
H	40.17	30.57	10.90	20.05	47.50	0.46	103.26
H	35.58	42.42	27.29	20.05	47.13	0.46	102.46
H	2.07	27.28	25.49	20.08	47.64	0.46	103.57
H	42.29	29.15	14.67	20.09	47.51	0.45	105.58
H	10.84	39.91	30.96	20.10	47.05	0.46	102.28
H	1.89	19.20	23.74	20.10	47.61	0.46	103.50
H	38.74	12.33	30.16	20.11	47.70	0.45	106.00
H	1.93	22.19	22.51	20.15	47.61	0.45	105.80
H	34.32	29.94	4.80	20.15	47.52	0.45	105.60
H	16.90	38.77	38.44	20.17	46.87	0.46	101.89
H	22.48	5.61	16.40	20.18	47.60	0.45	105.78
H	2.73	28.90	23.96	20.19	47.46	0.46	103.17
H	17.50	41.66	34.62	20.20	47.33	0.46	102.89
H	36.32	11.59	36.46	20.22	47.54	0.45	105.64
H	23.76	3.30	35.01	20.26	47.38	0.45	105.29
H	8.97	41.34	23.94	20.27	46.82	0.46	101.78
H	31.72	16.83	44.50	20.27	47.34	0.46	102.91
H	40.55	20.47	34.18	20.28	47.40	0.45	105.33
H	27.52	20.66	2.92	20.29	47.65	0.45	105.89
H	12.03	37.01	38.16	20.30	47.06	0.46	102.30
H	36.56	41.19	28.92	20.31	47.20	0.46	102.61
H	26.14	39.45	37.80	20.31	47.39	0.46	103.02
H	23.75	28.01	1.28	20.35	47.49	0.45	105.53
H	25.07	5.89	39.62	20.36	47.50	0.46	103.26
H	3.42	17.87	19.20	20.37	47.26	0.45	105.02
H	40.96	17.37	25.18	20.38	47.78	0.45	106.18
H	2.82	30.00	31.29	20.39	47.34	0.46	102.91
H	29.02	40.38	6.86	20.40	47.08	0.45	104.62
H	34.70	13.65	11.51	20.42	47.79	0.45	106.20
H	3.56	25.82	37.32	20.43	47.36	0.46	102.96
H	31.03	14.66	44.34	20.47	47.51	0.46	103.28
H	7.13	23.78	42.60	20.48	47.04	0.46	102.26
H	39.01	40.85	22.15	20.49	47.16	0.46	102.52
H	40.58	26.49	33.48	20.50	47.55	0.45	105.67
H	7.37	36.43	32.56	20.51	46.96	0.46	102.09
H	24.79	16.13	4.55	20.52	47.72	0.45	106.04
H	19.70	11.13	9.74	20.53	48.18	0.46	104.74
H	12.37	41.35	31.86	20.57	46.94	0.46	102.04
H	7.16	27.25	9.17	20.57	47.06	0.45	104.58
H	43.31	24.95	26.73	20.58	47.76	0.45	106.13
H	20.38	35.40	43.65	20.59	47.46	0.46	103.17
H	11.15	20.60	6.64	20.60	47.41	0.46	103.07
H	12.59	44.35	17.24	20.62	47.30	0.46	102.83
H	8.69	41.37	18.32	20.63	47.44	0.46	103.13
H	42.48	35.53	22.81	20.65	47.49	0.46	103.24
H	13.01	6.34	38.32	20.65	47.34	0.46	102.91

H	6.85	30.33	9.80	20.65	47.07	0.46	102.33
H	6.88	17.66	42.01	20.66	46.88	0.46	101.91
H	11.92	32.70	5.35	20.68	46.66	0.47	99.28
H	39.11	24.22	38.31	20.69	47.14	0.45	104.76
H	15.34	41.96	33.92	20.72	47.28	0.46	102.78
H	37.80	39.82	13.10	20.73	47.18	0.46	102.57
H	35.40	9.42	19.55	20.74	47.70	0.45	106.00
H	28.83	27.48	1.56	20.76	47.87	0.45	106.38
H	27.68	8.70	42.47	20.79	47.35	0.46	102.93
H	41.12	16.30	30.59	20.80	47.51	0.46	103.28
H	34.84	35.03	5.86	20.84	47.76	0.45	106.13
H	40.28	19.31	36.14	20.85	47.31	0.46	102.85
H	35.22	7.49	33.25	20.88	47.74	0.45	106.09
H	36.38	15.94	41.01	20.88	47.50	0.46	103.26
H	4.59	20.14	40.30	20.90	47.00	0.46	102.17
H	4.18	12.26	34.68	20.90	47.01	0.46	102.20
H	37.16	36.52	34.63	20.91	46.99	0.45	104.42
H	41.33	35.81	28.75	20.92	47.51	0.46	103.28
H	6.87	9.58	36.44	20.94	47.18	0.46	102.57
H	21.36	31.83	1.26	20.95	47.49	0.46	103.24
H	34.59	41.05	33.09	20.96	46.99	0.45	104.42
H	14.47	10.53	43.99	20.96	46.73	0.46	101.59
H	3.72	26.93	14.74	20.98	47.33	0.45	105.18
H	24.30	14.08	5.46	20.98	47.73	0.44	108.48
H	15.61	30.47	2.44	20.98	47.25	0.45	105.00
H	19.80	37.24	42.42	20.99	47.33	0.46	102.89
H	15.88	1.90	29.32	21.00	47.50	0.47	101.06
H	3.59	30.79	35.24	21.04	47.07	0.45	104.60
H	30.38	35.39	3.38	21.05	47.47	0.46	103.20
H	6.94	6.84	26.20	21.07	47.12	0.46	102.43
H	29.43	38.42	38.61	21.08	46.77	0.46	101.67
H	35.34	24.10	4.49	21.08	47.75	0.45	106.11
H	20.87	5.74	41.18	21.08	47.46	0.46	103.17
H	43.84	25.13	16.41	21.09	47.65	0.45	105.89
H	0.50	20.52	25.02	21.09	47.38	0.45	105.29
H	32.10	10.37	12.59	21.12	47.40	0.45	105.33
H	26.86	36.59	42.37	21.17	47.41	0.46	103.07
H	43.11	31.95	28.35	21.19	47.53	0.45	105.62
H	19.54	17.53	3.30	21.21	47.41	0.45	105.36
H	10.44	36.15	39.58	21.23	47.11	0.46	102.41
H	3.53	18.58	38.97	21.23	46.86	0.46	101.87
H	43.47	34.71	20.95	21.24	47.41	0.46	103.07
H	4.04	35.17	18.25	21.24	47.25	0.46	102.72
H	39.63	20.29	9.72	21.26	47.17	0.46	102.54
H	16.72	15.40	5.42	21.30	47.27	0.45	105.04
H	30.27	3.69	33.78	21.31	47.45	0.46	103.15
H	19.24	2.22	20.61	21.32	47.63	0.46	103.54
H	2.56	32.02	30.19	21.33	47.05	0.46	102.28
H	6.15	7.60	31.73	21.35	47.07	0.45	104.60
H	10.77	4.25	22.81	21.39	46.89	0.46	101.93
H	9.33	4.37	28.13	21.44	47.23	0.46	102.67
H	16.51	28.63	1.37	21.47	47.30	0.45	105.11
H	26.17	8.57	11.69	21.48	47.64	0.45	105.87
H	0.31	20.09	31.91	21.48	47.50	0.46	103.26
H	23.21	43.73	35.66	21.51	47.21	0.45	104.91
H	8.49	17.44	9.91	21.53	47.12	0.46	102.43
H	19.05	3.61	38.73	21.56	47.28	0.46	102.78
H	10.48	4.99	20.63	21.56	47.06	0.46	102.30
H	0.96	23.89	34.86	21.58	47.36	0.46	102.96
H	14.26	37.89	5.18	21.58	46.99	0.46	102.15
H	39.25	41.34	26.74	21.60	47.18	0.46	102.57
H	25.73	38.75	3.32	21.64	47.34	0.46	102.91

H	35.76	26.37	43.54	21.68	46.95	0.45	104.33
H	33.71	7.97	17.15	21.68	47.21	0.46	102.63
H	12.21	25.98	3.19	21.69	47.36	0.46	102.96
H	29.25	2.38	32.18	21.70	47.44	0.46	103.13
H	28.78	1.76	26.98	21.71	47.61	0.45	105.80
H	44.59	23.58	17.95	21.72	47.64	0.45	105.87
H	20.92	36.57	2.07	21.75	47.26	0.46	102.74
H	5.73	32.34	10.14	21.75	46.97	0.46	102.11
H	30.48	8.75	12.92	21.75	47.42	0.46	103.09
H	43.50	18.78	21.08	21.77	47.71	0.44	108.43
H	42.69	19.63	31.62	21.82	47.27	0.45	105.04
H	41.14	34.48	32.44	21.84	47.30	0.46	102.83
H	35.46	35.59	38.06	21.88	47.05	0.46	102.28
H	24.36	6.44	12.98	21.89	47.53	0.45	105.62
H	43.64	24.17	29.69	21.91	47.81	0.45	106.24
H	30.99	26.87	1.03	21.91	47.82	0.45	106.27
H	19.67	43.85	7.64	21.92	47.33	0.46	102.89
H	27.29	44.35	35.06	21.93	47.25	0.46	102.72
H	5.01	7.99	24.12	21.93	46.85	0.46	101.85
H	12.27	2.39	31.10	21.95	47.24	0.46	102.70
H	38.66	9.52	23.11	21.98	47.28	0.45	105.07
H	9.24	3.92	25.63	21.98	47.43	0.46	103.11
H	33.09	30.87	2.13	21.99	47.42	0.46	103.09
H	39.94	11.03	24.19	21.99	47.28	0.45	105.07
H	39.17	16.92	10.28	21.99	47.37	0.46	102.98
H	44.14	20.11	19.28	22.00	47.47	0.45	105.49
H	6.19	39.01	28.69	22.02	47.27	0.46	102.76
H	34.60	12.09	42.41	22.06	47.59	0.46	103.46
H	13.36	8.57	43.42	22.07	46.81	0.46	101.76
H	11.20	31.26	3.72	22.08	46.86	0.46	101.87
H	15.56	2.22	20.32	22.08	47.77	0.46	103.85
H	5.55	37.20	31.39	22.09	47.07	0.46	102.33
H	35.42	14.14	42.98	22.11	47.53	0.46	103.33
H	41.21	37.71	30.04	22.12	47.48	0.46	103.22
H	40.38	28.35	7.28	22.16	47.09	0.46	102.37
H	11.50	12.48	10.54	22.16	47.09	0.46	102.37
H	30.33	12.55	6.60	22.21	47.02	0.45	104.49
H	5.49	34.38	37.63	22.24	47.00	0.46	102.17
H	23.73	1.01	34.50	22.25	47.24	0.45	104.98
H	23.92	0.04	27.42	22.25	47.43	0.45	105.40
H	16.49	21.46	1.38	22.26	47.46	0.45	105.47
H	5.28	26.02	8.93	22.28	46.78	0.45	103.96
H	33.54	7.56	39.55	22.28	47.41	0.46	103.07
H	1.60	29.28	18.13	22.28	47.50	0.45	105.56
H	37.23	12.68	12.06	22.29	47.73	0.45	106.07
H	38.16	42.51	14.02	22.35	47.12	0.46	102.43
H	35.82	44.53	14.13	22.35	47.21	0.46	102.63
H	19.85	5.19	13.43	22.36	47.13	0.45	104.73
H	43.01	25.09	10.90	22.36	47.30	0.46	102.83
H	9.23	19.34	6.45	22.37	47.57	0.46	103.41
H	42.95	28.24	32.74	22.39	47.50	0.45	105.56
H	14.71	3.00	18.33	22.41	47.64	0.46	103.57
H	8.01	43.38	24.30	22.42	46.82	0.46	101.78
H	40.76	41.76	20.93	22.42	47.21	0.46	102.63
H	1.73	32.44	23.31	22.43	47.52	0.46	103.30
H	9.73	11.75	44.11	22.44	46.63	0.46	101.37
H	31.73	2.58	24.29	22.45	47.80	0.45	106.22
H	15.11	11.11	8.70	22.45	47.43	0.46	103.11
H	2.71	30.80	13.87	22.47	47.15	0.46	102.50
H	10.15	39.56	36.71	22.48	46.75	0.46	101.63
H	11.41	3.61	35.98	22.50	47.12	0.46	102.43
H	1.81	12.91	34.44	22.55	47.20	0.46	102.61

H	3.18	33.01	13.68	22.55	47.10	0.46	102.39
H	13.74	1.20	24.36	22.55	47.29	0.46	102.80
H	39.47	40.15	31.26	22.56	46.98	0.46	102.13
H	42.66	30.54	10.09	22.56	47.27	0.46	102.76
H	9.91	5.93	38.71	22.56	47.00	0.46	102.17
H	38.30	20.97	5.81	22.58	47.24	0.46	102.70
H	28.25	33.71	0.45	22.59	47.56	0.46	103.39
H	39.26	36.00	35.40	22.59	46.95	0.46	102.07
H	33.24	22.35	1.86	22.60	47.67	0.45	105.93
H	6.41	18.34	9.99	22.60	47.24	0.46	102.70
H	43.59	22.83	12.27	22.61	47.47	0.46	103.20
H	42.51	14.71	25.18	22.61	47.55	0.45	105.67
H	17.68	4.72	13.93	22.64	47.23	0.45	104.96
H	2.66	12.66	19.31	22.64	46.92	0.45	104.27
H	10.15	38.31	6.96	22.64	46.50	0.47	98.94
H	33.08	8.45	41.62	22.65	47.23	0.46	102.67
H	3.04	37.05	22.27	22.65	47.23	0.46	102.67
H	5.25	13.26	41.22	22.67	47.15	0.46	102.50
H	1.69	10.80	28.13	22.67	47.25	0.45	105.00
H	17.91	43.21	6.35	22.67	47.05	0.46	102.28
H	23.05	37.59	1.35	22.69	47.45	0.46	103.15
H	8.34	37.47	8.10	22.69	46.56	0.46	101.22
H	5.17	16.38	42.81	22.71	46.91	0.47	99.81
H	0.49	25.64	36.27	22.72	47.35	0.46	102.93
H	21.72	40.84	3.38	22.72	47.32	0.46	102.87
H	4.36	10.69	37.81	22.73	47.04	0.46	102.26
H	35.20	4.60	23.69	22.76	47.65	0.45	105.89
H	10.03	34.57	43.31	22.77	46.85	0.46	101.85
H	34.04	11.69	8.96	22.77	47.30	0.46	102.83
H	38.10	39.33	8.78	22.78	46.97	0.46	102.11
H	16.27	3.50	40.03	22.78	47.07	0.46	102.33
H	1.24	31.81	19.86	22.78	47.41	0.46	103.07
H	24.75	41.89	39.20	22.79	47.14	0.45	104.76
H	23.86	2.87	15.99	22.81	47.66	0.45	105.91
H	37.33	6.66	22.90	22.83	47.27	0.45	105.04
H	12.69	1.71	22.40	22.85	47.23	0.46	102.67
H	19.44	40.98	3.66	22.87	47.29	0.46	102.80
H	39.18	32.08	5.61	22.87	46.99	0.46	102.15
H	41.37	12.50	33.25	22.87	47.27	0.46	102.76
H	30.21	5.29	15.26	22.88	47.51	0.45	105.58
H	43.18	15.63	29.85	22.88	47.54	0.45	105.64
H	1.50	12.72	21.36	22.91	47.01	0.45	104.47
H	28.71	3.52	39.11	22.93	47.48	0.46	103.22
H	37.84	28.61	3.72	22.95	47.08	0.45	104.62
H	4.34	15.85	13.83	22.95	47.37	0.45	105.27
H	10.62	15.36	6.96	22.97	47.33	0.46	102.89
H	23.29	3.31	40.97	22.97	47.20	0.46	102.61
H	29.84	43.65	36.65	22.99	47.50	0.46	103.26
H	4.57	30.09	41.56	23.02	47.27	0.46	102.76
H	36.48	42.17	33.69	23.03	47.35	0.45	105.22
H	41.58	23.02	38.90	23.05	47.06	0.46	102.30
H	4.88	39.90	26.99	23.06	47.17	0.46	102.54
H	39.84	22.67	6.03	23.07	46.96	0.46	102.09
H	39.70	10.55	20.11	23.09	47.57	0.45	105.71
H	11.10	10.25	10.98	23.09	47.18	0.46	102.57
H	35.73	35.32	40.31	23.12	46.93	0.46	102.02
H	4.64	37.02	12.28	23.15	46.87	0.46	101.89
H	2.42	17.93	15.22	23.17	47.31	0.45	105.13
H	12.66	24.69	1.34	23.18	47.32	0.46	102.87
H	25.21	38.14	1.14	23.18	47.36	0.46	102.96
H	42.92	16.37	15.29	23.21	47.33	0.45	105.18
H	18.66	43.38	37.77	23.21	46.74	0.46	101.61

H	2.77	36.09	27.73	23.22	47.11	0.46	102.41
H	33.41	40.15	38.36	23.23	46.66	0.46	101.43
H	32.88	4.10	18.94	23.23	47.63	0.46	103.54
H	38.94	28.07	41.91	23.25	47.23	0.45	104.96
H	11.71	42.08	7.97	23.26	46.91	0.46	101.98
H	1.74	34.55	25.58	23.27	47.05	0.46	102.28
H	35.46	17.74	4.14	23.28	47.21	0.45	104.91
H	26.99	0.44	21.63	23.29	48.10	0.45	106.89
H	26.87	9.12	7.62	23.30	47.43	0.46	103.11
H	28.56	1.34	20.29	23.31	48.04	0.45	106.76
H	36.90	23.45	2.95	23.31	47.54	0.45	105.64
H	5.18	39.07	13.18	23.32	46.90	0.46	101.96
H	32.97	3.15	20.96	23.34	47.51	0.46	103.28
H	13.40	19.58	2.12	23.34	47.21	0.45	104.91
H	40.95	12.09	19.01	23.35	47.55	0.45	105.67
H	39.58	44.24	23.93	23.36	47.29	0.46	102.80
H	3.30	23.69	42.79	23.41	46.98	0.46	102.13
H	43.03	36.83	12.68	23.43	46.91	0.46	101.98
H	36.48	9.26	14.44	23.44	46.94	0.46	102.04
H	41.98	26.92	7.17	23.45	47.11	0.46	102.41
H	41.77	20.07	8.85	23.45	47.43	0.46	103.11
H	4.24	8.86	18.83	23.47	46.74	0.46	101.61
H	2.77	23.93	11.24	23.48	47.14	0.45	104.76
H	16.05	41.15	40.70	23.50	46.87	0.46	101.89
H	10.46	1.76	32.41	23.52	47.03	0.46	102.24
H	13.16	14.23	5.14	23.53	47.31	0.46	102.85
H	2.39	26.20	11.34	23.54	47.22	0.46	102.65
H	40.58	12.51	37.55	23.57	47.63	0.46	103.54
H	38.55	6.55	31.98	23.57	47.52	0.45	105.60
H	23.90	8.40	7.71	23.58	47.50	0.46	103.26
H	7.55	10.57	12.65	23.60	46.76	0.46	101.65
H	0.33	17.61	37.72	23.60	47.24	0.46	102.70
H	36.25	15.94	5.38	23.61	47.22	0.45	104.93
H	10.44	43.08	9.62	23.67	46.93	0.46	102.02
H	34.43	7.07	15.21	23.67	47.26	0.46	102.74
H	27.22	43.46	4.58	23.69	46.84	0.46	101.83
H	40.85	39.19	32.76	23.71	47.06	0.46	102.30
H	12.76	3.81	15.51	23.74	46.94	0.46	102.04
H	39.31	37.91	7.27	23.77	47.01	0.46	102.20
H	1.19	19.84	15.49	23.78	47.26	0.45	105.02
H	26.23	43.59	38.87	23.79	47.16	0.45	104.80
H	28.15	13.44	2.93	23.80	47.25	0.46	102.72
H	39.67	17.54	42.39	23.81	47.24	0.46	102.70
H	21.82	41.70	41.52	23.83	47.25	0.47	100.53
H	19.09	11.62	4.35	23.84	47.66	0.45	105.91
H	5.86	4.78	33.25	23.85	46.88	0.45	104.18
H	37.75	5.95	34.05	23.85	47.60	0.45	105.78
H	40.37	32.75	37.68	23.87	47.32	0.45	105.16
H	43.77	35.10	11.57	23.87	46.62	0.46	101.35
H	2.66	8.69	21.49	23.89	46.99	0.46	102.15
H	44.11	38.26	16.17	23.89	47.33	0.46	102.89
H	12.05	1.44	35.45	23.89	47.09	0.46	102.37
H	42.55	15.73	13.10	23.90	47.18	0.45	104.84
H	7.90	31.20	3.91	23.93	47.03	0.47	100.06
H	2.05	21.87	42.17	23.97	47.04	0.46	102.26
H	33.03	1.21	27.53	23.98	47.61	0.45	105.80
H	39.02	41.26	9.64	23.98	47.24	0.46	102.70
H	41.96	10.62	32.10	24.00	47.13	0.46	102.46
H	8.41	15.18	7.57	24.01	47.44	0.46	103.13
H	5.63	29.80	44.42	24.02	47.10	0.46	102.39
H	30.95	2.99	38.99	24.11	47.19	0.46	102.59
H	23.67	14.29	1.40	24.12	47.62	0.45	105.82

H	29.64	11.06	4.96	24.14	47.11	0.45	104.69
H	17.53	17.83	0.29	24.15	47.23	0.45	104.96
H	4.72	15.45	11.69	24.18	47.42	0.45	105.38
H	41.01	13.88	39.32	24.19	47.29	0.46	102.80
H	3.78	36.60	36.30	24.23	46.87	0.46	101.89
H	40.86	15.67	9.40	24.25	47.48	0.46	103.22
H	1.70	38.00	20.63	24.28	47.00	0.46	102.17
H	42.35	13.15	15.92	24.30	47.12	0.45	104.71
H	4.19	10.21	15.43	24.33	46.80	0.46	101.74
H	0.33	33.54	32.60	24.34	47.30	0.46	102.83
H	7.94	5.68	39.90	24.35	46.76	0.46	101.65
H	40.10	28.36	3.81	24.35	46.82	0.45	104.04
H	13.30	7.37	10.30	24.36	46.96	0.46	102.09
H	38.65	9.48	15.09	24.37	46.88	0.46	101.91
H	40.15	6.77	26.05	24.37	47.20	0.45	104.89
H	23.31	1.14	40.20	24.39	47.14	0.46	102.48
H	33.64	20.51	0.51	24.41	47.72	0.45	106.04
H	29.87	3.06	15.24	24.46	47.39	0.45	105.31
H	41.95	28.73	39.31	24.46	47.26	0.46	102.74
H	8.25	37.45	5.36	24.46	46.51	0.46	101.11
H	33.61	35.24	44.55	24.47	47.09	0.46	102.37
H	34.30	40.83	4.19	24.48	47.18	0.46	102.57
H	5.71	44.10	19.54	24.49	47.07	0.46	102.33
H	18.36	1.06	15.76	24.52	47.66	0.45	105.91
H	5.51	40.71	11.57	24.54	46.95	0.46	102.07
H	0.75	8.71	28.43	24.57	47.29	0.46	102.80
H	9.79	36.77	43.95	24.57	46.95	0.46	102.07
H	21.37	41.02	43.68	24.59	47.52	0.46	103.30
H	5.58	8.05	40.54	24.60	46.88	0.46	101.91
H	35.15	1.80	26.96	24.61	47.36	0.45	105.24
H	9.83	41.55	37.77	24.61	46.93	0.46	102.02
H	39.50	22.36	44.59	24.65	47.11	0.46	102.41
H	44.60	29.84	9.05	24.66	47.00	0.46	102.17
H	32.91	42.58	4.58	24.66	47.10	0.46	102.39
H	38.74	28.77	44.09	24.67	47.15	0.45	104.78
H	5.31	43.26	26.76	24.67	47.14	0.45	104.76
H	15.08	9.68	6.68	24.69	47.43	0.46	103.11
H	29.02	14.66	1.20	24.71	47.49	0.46	103.24
H	8.73	0.85	28.29	24.74	46.98	0.46	102.13
H	44.21	22.90	37.34	24.76	47.23	0.46	102.67
H	40.45	19.42	43.47	24.79	47.03	0.46	102.24
H	44.13	32.51	34.46	24.80	47.16	0.46	102.52
H	42.19	9.73	22.66	24.84	47.15	0.45	104.78
H	2.23	38.09	28.69	24.84	47.21	0.45	104.91
H	36.88	9.81	10.24	24.86	47.25	0.46	102.72
H	40.72	44.61	16.33	24.87	47.25	0.46	102.72
H	17.27	0.16	38.89	24.88	46.88	0.46	101.91
H	44.39	16.82	35.64	24.89	47.34	0.46	102.91
H	30.68	39.30	43.34	24.89	46.93	0.46	102.02
H	6.83	37.58	41.05	24.92	46.94	0.46	102.04
H	35.24	10.75	7.29	24.92	47.30	0.46	102.83
H	8.19	8.67	11.57	24.93	46.86	0.46	101.87
H	26.96	42.14	1.78	24.94	46.82	0.47	99.62
H	8.98	21.81	2.15	24.95	46.95	0.45	104.33
H	40.15	36.76	5.51	24.96	46.98	0.46	102.13
H	37.74	6.63	38.61	24.97	47.29	0.46	102.80
H	32.13	0.10	23.21	24.99	47.63	0.45	105.84
H	5.86	26.94	3.96	25.00	47.30	0.45	105.11
H	0.21	29.70	39.00	25.01	47.37	0.46	102.98
H	40.91	33.14	4.54	25.03	46.86	0.45	104.13
H	6.95	44.52	29.33	25.03	47.22	0.46	102.65
H	15.58	38.55	0.63	25.06	46.80	0.46	101.74

H	12.63	3.61	42.41	25.07	46.70	0.46	101.52
H	33.93	6.96	11.53	25.08	47.24	0.46	102.70
H	10.57	3.70	14.77	25.08	47.04	0.46	102.26
H	3.63	8.71	39.58	25.08	46.88	0.46	101.91
H	0.94	36.48	15.50	25.09	47.05	0.46	102.28
H	13.63	36.76	0.47	25.15	46.99	0.46	102.15
H	9.81	19.68	2.00	25.17	46.76	0.46	101.65
H	37.18	5.60	17.43	25.20	47.11	0.45	104.69
H	38.28	8.13	40.28	25.21	47.21	0.46	102.63
H	43.74	38.16	10.88	25.28	46.84	0.46	101.83
H	13.29	17.85	0.55	25.31	46.97	0.46	102.11
H	44.01	13.10	17.50	25.34	47.41	0.45	105.36
H	24.03	0.60	14.86	25.34	47.60	0.45	105.78
H	40.38	32.57	40.99	25.34	47.09	0.46	102.37
H	7.32	41.81	35.82	25.40	46.97	0.46	102.11
H	2.47	9.30	16.73	25.41	47.09	0.46	102.37
H	33.30	41.34	40.52	25.42	46.62	0.46	101.35
H	6.23	38.02	6.27	25.44	46.22	0.46	100.48
H	42.64	25.37	41.52	25.48	47.41	0.46	103.07
H	38.32	11.02	8.89	25.50	47.03	0.46	102.24
H	13.15	3.62	12.41	25.51	47.03	0.46	102.24
H	14.53	42.72	41.40	25.52	47.10	0.46	102.39
H	2.48	12.94	42.50	25.53	47.11	0.46	102.41
H	2.13	21.24	9.12	25.54	47.07	0.46	102.33
H	15.34	40.72	1.35	25.59	47.03	0.46	102.24
H	8.07	39.49	41.30	25.60	46.67	0.47	99.30
H	12.78	38.73	1.31	25.62	47.02	0.46	102.22
H	3.45	39.82	11.62	25.63	47.02	0.46	102.22
H	29.28	6.80	7.53	25.64	47.18	0.46	102.57
H	25.48	8.68	4.18	25.69	47.35	0.46	102.93
H	43.37	32.99	37.04	25.73	47.49	0.46	103.24
H	33.33	37.49	0.04	25.75	47.03	0.46	102.24
H	41.77	6.46	28.69	25.78	47.19	0.46	102.59
H	43.29	19.90	41.24	25.78	47.00	0.46	102.17
H	7.66	32.24	1.84	25.81	46.92	0.47	99.83
H	43.77	41.38	29.65	25.86	47.11	0.46	102.41
H	5.25	22.08	4.08	25.90	46.78	0.46	101.70
H	31.62	40.17	0.58	25.90	46.86	0.46	101.87
H	40.68	11.83	41.73	25.90	47.49	0.46	103.24
H	28.44	42.09	42.85	25.91	46.80	0.46	101.74
H	8.19	1.31	19.86	25.92	47.07	0.46	102.33
H	6.75	42.93	33.90	25.93	47.02	0.47	100.04
H	37.08	2.83	20.66	25.96	47.62	0.45	105.82
H	0.68	9.93	37.97	26.00	46.89	0.46	101.93
H	24.95	4.13	9.51	26.01	47.05	0.46	102.28
H	27.75	5.38	8.47	26.02	47.26	0.46	102.74
H	5.01	2.77	34.04	26.05	46.80	0.45	104.00
H	43.87	43.48	24.35	26.05	47.09	0.46	102.37
H	43.06	44.38	18.33	26.06	47.03	0.46	102.24
H	1.41	41.17	20.32	26.07	47.17	0.46	102.54
H	42.50	42.63	31.08	26.08	47.22	0.46	102.65
H	11.22	4.31	44.08	26.09	46.82	0.46	101.78
H	18.34	10.65	2.30	26.11	47.74	0.45	106.09
H	10.19	42.61	40.02	26.25	46.82	0.46	101.78
H	41.70	10.42	13.23	26.27	47.25	0.46	102.72
H	1.53	4.95	29.87	26.29	47.23	0.45	104.96
H	13.09	12.17	2.86	26.35	47.25	0.46	102.72
H	9.43	41.22	41.67	26.35	46.80	0.46	101.74
H	0.83	6.03	31.80	26.35	46.87	0.46	101.89
H	17.18	44.09	2.18	26.39	46.96	0.46	102.09
H	21.37	44.45	1.57	26.39	47.09	0.46	102.37
H	38.88	2.63	30.87	26.40	47.09	0.46	102.37

H	39.57	16.90	3.49	26.40	47.07	0.46	102.33
H	40.56	31.90	43.19	26.42	47.24	0.45	104.98
H	1.72	5.83	34.95	26.45	47.00	0.46	102.17
H	21.15	1.47	44.57	26.53	46.82	0.47	99.62
H	2.40	43.11	18.12	26.55	47.00	0.46	102.17
H	44.27	9.46	23.56	26.57	47.25	0.45	105.00
H	42.19	7.10	34.83	26.62	46.93	0.46	102.02
H	0.33	36.76	35.30	26.63	47.09	0.46	102.37
H	2.25	4.77	21.32	26.63	47.13	0.46	102.46
H	35.69	1.04	20.29	26.64	47.49	0.45	105.53
H	3.67	43.46	13.97	26.65	46.70	0.46	101.52
H	17.96	3.91	8.76	26.67	47.20	0.46	102.61
H	1.53	38.85	34.66	26.76	47.11	0.46	102.41
H	5.06	19.81	3.72	26.83	46.88	0.46	101.91
H	34.26	44.24	39.62	26.86	46.59	0.46	101.28
H	3.65	27.17	3.54	26.87	47.13	0.46	102.46
H	3.64	1.98	30.33	26.92	47.18	0.46	102.57
H	39.74	2.50	28.73	26.93	47.20	0.46	102.61
H	34.07	6.41	8.48	26.94	47.35	0.46	102.93
H	11.16	5.30	9.52	26.94	46.83	0.46	101.80
H	10.89	43.93	4.47	26.95	46.98	0.47	99.96
H	39.91	44.17	35.06	26.99	46.86	0.46	101.87
H	37.96	1.16	24.43	27.00	47.27	0.46	102.76
H	43.35	14.77	41.73	27.01	47.17	0.46	102.54
H	36.29	4.27	41.59	27.01	46.94	0.46	102.04
H	2.81	36.04	6.58	27.02	46.63	0.46	101.37
H	2.26	30.01	5.15	27.03	47.04	0.45	104.53
H	38.11	4.92	15.45	27.09	47.27	0.45	105.04
H	41.25	18.48	3.19	27.10	46.94	0.46	102.04
H	24.53	1.36	10.76	27.15	47.34	0.45	105.20
H	7.13	24.20	0.23	27.15	47.11	0.46	102.41
H	5.12	15.02	5.94	27.19	47.22	0.46	102.65
H	3.45	9.51	44.07	27.19	46.83	0.46	101.80
H	1.25	42.64	25.09	27.20	47.20	0.46	102.61
H	22.66	4.69	6.72	27.20	47.12	0.46	102.43
H	15.11	6.89	5.75	27.29	47.32	0.47	100.68
H	8.60	2.28	14.17	27.31	46.90	0.46	101.96
H	5.92	16.03	4.04	27.38	46.99	0.46	102.15
H	40.41	41.32	38.11	27.38	46.56	0.46	101.22
H	0.13	34.89	9.52	27.38	46.58	0.46	101.26
H	7.66	2.17	40.78	27.39	47.06	0.47	100.13
H	43.74	25.02	43.52	27.45	47.14	0.46	102.48
H	44.00	18.57	42.99	27.45	47.17	0.46	102.54
H	2.50	34.86	43.41	27.49	46.47	0.47	98.87
H	2.30	41.19	33.52	27.50	47.19	0.46	102.59
H	22.30	9.63	0.68	27.51	47.09	0.46	102.37
H	2.47	5.84	16.25	27.52	46.65	0.46	101.41
H	38.07	36.73	0.17	27.54	46.50	0.46	101.09
H	3.31	42.82	32.32	27.56	47.18	0.46	102.57
H	1.55	23.97	5.34	27.57	46.65	0.46	101.41
H	2.31	3.75	35.72	27.58	46.95	0.46	102.07
H	0.19	20.05	8.91	27.58	47.21	0.46	102.63
H	12.12	1.62	11.88	27.63	46.74	0.46	101.61
H	42.07	6.28	18.77	27.67	47.29	0.46	102.80
H	1.94	3.07	22.80	27.67	47.13	0.46	102.46
H	41.49	3.24	25.88	27.71	47.35	0.46	102.93
H	7.59	6.93	9.27	27.72	46.73	0.46	101.59
H	42.06	5.23	20.57	27.75	47.28	0.46	102.78
H	43.61	14.23	7.74	27.76	46.94	0.46	102.04
H	41.58	41.94	6.29	27.78	46.77	0.46	101.67
H	37.79	39.70	1.19	27.78	46.60	0.46	101.30
H	36.89	38.74	0.04	27.79	46.49	0.46	101.07

H	3.08	1.18	28.23	27.79	47.17	0.46	102.54
H	4.66	41.61	38.74	27.82	46.77	0.46	101.67
H	35.73	1.35	39.53	27.82	46.90	0.46	101.96
H	4.37	40.24	40.55	27.83	46.70	0.46	101.52
H	20.50	4.42	6.10	27.92	47.25	0.46	102.72
H	41.73	40.22	4.75	27.92	46.80	0.46	101.74
H	17.50	0.03	44.59	27.94	46.80	0.46	101.74
H	9.22	1.34	42.18	27.96	46.99	0.46	102.15
H	42.02	3.67	31.80	28.00	47.25	0.46	102.72
H	11.52	8.61	4.70	28.02	47.23	0.46	102.67
H	24.93	6.91	2.58	28.03	47.30	0.46	102.83
H	3.17	41.06	8.01	28.03	46.54	0.46	101.17
H	29.87	43.63	43.80	28.05	46.84	0.46	101.83
H	10.29	10.33	3.76	28.05	46.97	0.46	102.11
H	27.50	5.95	3.97	28.09	47.23	0.46	102.67
H	0.55	28.50	5.50	28.09	46.95	0.46	102.07
H	41.39	23.64	0.25	28.11	47.15	0.46	102.50
H	38.46	4.94	42.13	28.11	47.13	0.46	102.46
H	42.20	11.22	43.35	28.15	47.54	0.46	103.35
H	4.10	0.09	24.30	28.21	46.96	0.46	102.09
H	41.09	5.26	16.95	28.22	47.35	0.46	102.93
H	44.34	7.60	35.68	28.30	46.83	0.46	101.80
H	1.41	43.20	13.62	28.32	46.80	0.46	101.74
H	32.04	1.46	44.12	28.36	47.06	0.45	104.58
H	6.23	44.45	6.91	28.38	46.77	0.46	101.67
H	1.80	41.39	9.77	28.42	46.80	0.46	101.74
H	8.60	41.83	2.20	28.42	46.71	0.46	101.54
H	29.59	7.50	2.26	28.45	47.11	0.46	102.41
H	37.12	11.97	1.87	28.53	46.85	0.46	101.85
H	43.49	9.04	12.79	28.54	47.10	0.46	102.39
H	0.89	13.40	10.03	28.54	47.27	0.46	102.76
H	9.35	0.14	14.21	28.56	47.17	0.46	102.54
H	37.14	41.89	1.04	28.61	46.62	0.46	101.35
H	34.37	9.03	2.58	28.61	47.02	0.47	100.04
H	16.95	2.04	7.80	28.78	47.14	0.46	102.48
H	35.14	2.48	12.05	28.80	47.23	0.46	102.67
H	7.79	7.51	7.05	28.86	46.33	0.46	100.72
H	1.03	39.02	39.66	28.89	46.62	0.47	99.19
H	39.43	12.72	2.45	28.93	46.63	0.47	99.21
H	44.25	8.02	38.69	28.99	46.67	0.46	101.46
H	1.37	37.71	5.94	29.03	46.63	0.46	101.37
H	13.84	4.97	5.73	29.05	46.97	0.46	102.11
H	40.05	41.20	41.16	29.06	46.62	0.46	101.35
H	44.45	14.17	43.65	29.07	47.05	0.46	102.28
H	2.56	3.67	15.54	29.10	46.81	0.46	101.76
H	36.91	42.35	42.82	29.16	46.52	0.46	101.13
H	33.90	2.63	10.14	29.23	47.04	0.46	102.26
H	43.27	37.52	40.87	29.36	46.61	0.47	99.17
H	41.21	11.15	4.77	29.36	46.96	0.46	102.09
H	0.48	22.27	4.19	29.36	46.49	0.46	101.07
H	2.89	9.87	8.44	29.50	47.15	0.47	100.32
H	41.90	37.09	0.42	29.67	46.37	0.46	100.80
H	1.33	2.14	37.03	29.70	46.88	0.46	101.91
H	6.35	42.23	2.35	29.76	46.52	0.46	101.13
H	9.88	3.72	7.42	29.85	46.91	0.46	101.98
H	1.66	6.87	44.46	29.88	46.71	0.46	101.54
H	1.21	35.01	3.25	29.90	46.58	0.46	101.26
H	34.50	5.68	4.29	29.90	46.80	0.46	101.74
H	34.52	9.49	0.37	29.91	47.04	0.47	100.09
H	40.31	38.50	44.25	29.91	46.49	0.47	98.91
H	42.97	5.53	40.34	29.97	47.04	0.46	102.26
H	36.59	6.69	4.37	29.98	47.04	0.46	102.26

H	44.10	3.14	32.63	30.02	47.01	0.46	102.20
H	3.67	2.74	42.55	30.02	46.34	0.46	100.74
H	1.91	19.02	2.48	30.08	46.95	0.46	102.07
H	1.97	29.90	0.61	30.21	46.90	0.46	101.96
H	42.06	5.66	11.76	30.24	47.09	0.46	102.37
H	43.65	13.01	4.22	30.26	47.01	0.46	102.20
H	24.18	1.75	5.56	30.30	46.97	0.46	102.11
H	29.00	2.08	5.87	30.34	46.78	0.46	101.70
H	31.19	2.21	6.52	30.38	46.59	0.46	101.28
H	3.22	35.95	0.66	30.41	46.46	0.47	98.85
H	0.62	32.99	2.36	30.45	46.70	0.46	101.52
H	43.19	1.27	24.28	30.45	47.35	0.46	102.93
H	19.81	4.64	1.73	30.48	47.08	0.46	102.35
H	41.83	0.80	35.33	30.50	46.78	0.46	101.70
H	2.88	3.93	11.78	30.54	46.62	0.46	101.35
H	36.77	0.76	43.55	30.64	46.82	0.46	101.78
H	0.09	29.33	1.91	30.69	46.81	0.46	101.76
H	1.78	40.85	4.63	30.69	46.71	0.46	101.54
H	40.62	5.18	9.13	30.72	46.99	0.46	102.15
H	3.11	7.64	7.89	30.72	47.13	0.47	100.28
H	43.86	2.89	19.78	30.74	47.12	0.46	102.43
H	42.58	5.16	42.54	30.87	47.01	0.45	104.47
H	0.37	17.75	3.57	30.92	46.91	0.46	101.98
H	4.15	0.59	42.04	30.95	46.45	0.46	100.98
H	7.70	11.40	0.39	30.96	46.66	0.46	101.43
H	42.87	9.64	5.22	30.98	47.03	0.46	102.24
H	1.12	43.70	37.28	30.99	46.89	0.46	101.93
H	43.24	4.80	13.58	31.07	47.07	0.46	102.33
H	25.52	4.06	1.21	31.10	47.15	0.46	102.50
H	16.81	4.97	1.05	31.20	46.89	0.46	101.93
H	43.62	41.68	2.30	31.31	46.54	0.47	99.02
H	38.38	3.98	6.62	31.56	47.16	0.47	100.34
H	1.43	5.05	10.37	31.56	46.71	0.47	99.38
H	24.43	1.55	3.29	31.73	47.06	0.46	102.30
H	6.96	0.39	9.83	31.74	46.74	0.46	101.61
H	8.35	7.87	1.75	31.75	46.79	0.46	101.72
H	8.41	3.20	5.78	31.88	46.93	0.46	102.02
H	42.36	6.22	6.83	31.99	46.79	0.47	99.55
H	34.65	2.80	4.43	32.03	47.38	0.46	103.00
H	23.65	2.79	0.97	32.15	47.23	0.46	102.67
H	41.13	1.07	42.12	32.20	46.52	0.46	101.13
H	9.78	6.19	1.25	32.48	46.71	0.46	101.54
H	12.31	1.17	4.80	32.50	46.87	0.46	101.89
H	0.04	14.72	3.06	32.53	46.79	0.46	101.72
H	4.80	11.11	0.44	32.65	46.92	0.46	102.00
H	39.67	2.54	7.86	32.70	47.05	0.47	100.11
H	4.47	7.78	3.65	32.75	46.77	0.46	101.67
H	0.78	42.37	3.25	32.85	46.75	0.46	101.63
H	2.79	9.35	3.57	32.91	46.75	0.46	101.63
H	0.88	40.65	1.39	33.13	46.52	0.47	98.98
H	30.65	3.18	0.07	33.22	46.96	0.45	104.36
H	40.21	0.25	11.55	33.23	46.82	0.46	101.78
H	35.88	1.17	5.42	33.24	47.15	0.47	100.32
H	37.64	5.82	0.61	33.28	47.12	0.46	102.43
H	3.29	2.19	8.10	33.42	46.67	0.46	101.46
H	42.72	43.57	43.73	33.42	46.57	0.46	101.24
H	39.75	6.25	1.34	33.52	47.31	0.46	102.85
H	2.11	3.97	6.14	34.27	46.65	0.47	99.26
H	41.88	0.77	10.07	34.36	47.04	0.46	102.26
H	2.32	0.35	8.94	34.59	46.88	0.47	99.74
H	6.31	3.67	1.35	35.67	46.93	0.47	99.85
H	1.48	4.38	3.18	36.36	46.63	0.46	101.37

H	42.74	1.75	3.76	36.71	46.47	0.47	98.87
H	41.13	1.42	2.14	36.95	46.68	0.47	99.32
H	6.34	1.42	1.03	37.11	46.63	0.46	101.37
H	0.29	5.71	1.36	37.66	46.53	0.46	101.15

Table S8. Coordinates and polarizations calculated for the first TEKPol conformation

	x / Å	y / Å	z / Å	d^A / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	26.60	28.50	23.13				
e	20.91	18.40	26.50				
H	28.76	28.66	23.76	2.255819	118.65	0.29	409.14
H	25.01	30.19	22.83	2.338617	122.38	0.33	370.85
H	28.33	26.90	22.90	2.368114	121.96	0.3	406.53
H	19.10	19.82	27.25	2.419844	112.53	0.37	304.14
H	25.67	29.00	20.95	2.430065	117.3	0.34	345.00
H	25.89	28.94	25.45	2.461327	116.88	0.33	354.18
H	21.27	16.02	25.88	2.482271	109.78	0.38	288.89
H	23.11	17.04	27.19	2.674788	107.57	0.38	283.08
H	23.62	18.79	26.85	2.762988	106	0.38	278.95
H	25.73	27.16	20.87	2.765423	116.29	0.35	332.26
H	18.63	19.67	25.47	2.807791	111.43	0.38	293.24
H	20.90	16.63	24.20	2.899541	107.68	0.39	276.10
H	22.58	20.83	26.89	2.972392	104.79	0.4	261.98
H	23.93	29.55	24.05	3.015037	118.88	0.34	349.65
H	27.84	30.16	25.37	3.054104	114.8	0.34	337.65
H	20.56	20.81	28.54	3.176186	105.3	0.4	263.25
H	20.52	19.87	23.68	3.203136	104.8	0.41	255.61
H	21.71	18.35	23.25	3.350755	104.39	0.41	254.61
H	23.70	27.39	24.53	3.406426	112.73	0.36	313.14
H	27.93	25.38	23.82	3.461413	120.08	0.31	387.35
H	26.57	27.65	26.61	3.579027	114.99	0.34	338.21
H	25.02	26.52	25.70	3.605942	114.39	0.35	326.83
H	21.79	22.12	25.98	3.858172	102.85	0.42	244.88
H	20.91	21.51	24.14	3.900945	102.99	0.42	245.21
H	26.21	25.27	25.36	3.942591	114.68	0.35	327.66
H	23.02	26.82	22.94	3.955061	107.19	0.4	267.98
H	23.50	18.19	23.49	3.981627	101.58	0.43	236.23
H	28.57	26.74	26.12	3.986821	111.54	0.36	309.83
H	30.59	29.45	22.80	4.120157	113.21	0.33	343.06
H	28.42	29.19	26.76	4.120751	110.75	0.36	307.64
H	29.51	26.51	20.94	4.149171	117.18	0.32	366.19
H	28.18	29.42	19.16	4.373097	99.62	0.43	231.67
H	23.93	30.27	20.14	4.3848	108.52	0.39	278.26
H	22.94	27.38	20.96	4.394567	105.7	0.4	264.25
H	24.94	18.05	24.75	4.412273	99.56	0.44	226.27
H	19.31	22.33	25.29	4.416078	101.76	0.43	236.65
H	16.64	17.23	26.55	4.43109	93.37	0.47	198.66
H	30.08	26.46	25.06	4.471279	110.63	0.36	307.31
H	21.45	22.40	28.52	4.513676	102.22	0.42	243.38
H	22.88	31.03	22.16	4.601936	108.39	0.39	277.92
H	18.73	22.07	28.33	4.639764	102.65	0.42	244.40
H	22.70	14.54	24.62	4.652044	98.7	0.45	219.33
H	22.86	15.67	23.22	4.690849	98.26	0.44	223.32
H	21.99	29.42	22.47	4.744635	108.35	0.4	270.88
H	23.77	27.83	19.36	4.759826	105.97	0.4	264.93
H	17.74	21.94	26.18	4.760529	101.42	0.43	235.86
H	25.56	17.10	26.22	4.834102	98.42	0.44	223.68
H	24.49	18.66	30.09	5.072907	93.9	0.46	204.13
H	24.66	15.11	25.51	5.081035	98.07	0.44	222.89
H	22.45	22.81	24.32	5.151794	101.5	0.43	236.05

H	20.23	13.72	24.09	5.310777	93.98	0.47	199.96
H	21.59	26.42	22.55	5.450859	104.1	0.41	253.90
H	22.75	28.82	27.12	5.552244	95.99	0.46	208.67
H	24.07	23.96	21.11	5.568259	98.89	0.44	224.75
H	23.91	20.83	30.55	5.59244	94.08	0.46	204.52
H	30.72	28.54	27.09	5.712478	95.96	0.45	213.24
H	25.65	23.05	21.45	5.782027	98.62	0.44	224.14
H	25.20	20.76	23.26	5.869507	98.03	0.45	217.84
H	23.92	15.85	22.05	5.945041	97.47	0.45	216.60
H	21.13	20.20	20.60	6.176676	97.89	0.45	217.53
H	28.26	22.58	22.06	6.23772	97.54	0.45	216.76
H	21.13	24.23	28.83	6.277623	99.28	0.44	225.64
H	27.53	29.44	16.98	6.289838	97.59	0.45	216.87
H	21.36	27.69	19.69	6.314974	101.03	0.43	234.95
H	14.67	17.76	25.54	6.34258	91.99	0.48	191.65
H	17.85	23.95	26.03	6.352133	99.28	0.44	225.64
H	25.63	22.29	24.22	6.373141	98.27	0.45	218.38
H	16.31	14.04	25.67	6.394493	89.1	0.5	178.20
H	22.22	23.82	22.82	6.413444	100.45	0.43	233.60
H	31.08	25.42	19.63	6.466996	89.1	0.5	178.20
H	22.37	18.33	20.18	6.492999	97.17	0.45	215.93
H	30.92	33.27	24.29	6.547542	88.76	0.5	177.52
H	16.22	19.05	21.97	6.556767	90.36	0.49	184.41
H	32.87	30.41	22.95	6.561241	88.75	0.5	177.50
H	30.42	31.84	18.93	6.588079	89.86	0.5	179.72
H	24.16	20.90	21.33	6.598726	97.86	0.45	217.47
H	22.57	31.66	18.88	6.656945	93.63	0.47	199.21
H	23.84	12.74	28.45	6.666709	91.08	0.49	185.88
H	24.16	34.72	22.36	6.726888	92.44	0.48	192.58
H	27.06	16.00	25.02	6.76739	95.66	0.46	207.96
H	27.28	20.31	25.17	6.781383	96.54	0.45	214.53
H	23.09	11.91	26.45	6.844603	91.32	0.49	186.37
H	26.17	15.87	30.18	6.892997	88.73	0.5	177.46
H	22.84	22.06	20.92	6.942565	97.69	0.45	217.09
H	27.99	22.52	19.84	6.965585	97.51	0.45	216.69
H	18.47	13.07	22.71	6.984536	90.53	0.49	184.76
H	23.66	34.15	20.21	7.00952	92.41	0.48	192.52
H	27.87	35.10	25.26	7.054981	87.91	0.5	175.82
H	21.52	14.51	32.38	7.076136	86.33	0.51	169.27
H	22.31	30.78	28.34	7.116836	93.97	0.47	199.94
H	28.48	35.41	23.08	7.164347	87.75	0.5	175.50
H	20.82	32.70	24.02	7.202016	90.54	0.49	184.78
H	16.78	15.87	31.97	7.298629	86.17	0.51	168.96
H	29.63	27.18	29.72	7.372264	90.88	0.49	185.47
H	18.19	17.14	19.76	7.382464	88.75	0.5	177.50
H	17.21	23.90	23.24	7.385558	98.47	0.44	223.80
H	20.26	24.58	22.48	7.403571	100.19	0.43	233.00
H	22.44	25.11	18.00	7.419883	95.05	0.46	206.63
H	25.44	16.77	32.17	7.43716	88.52	0.5	177.04
H	31.17	24.48	27.50	7.486644	89.62	0.49	182.90
H	31.12	33.70	20.13	7.523343	89.39	0.5	178.78
H	28.07	30.08	30.36	7.546581	91.31	0.48	190.23
H	16.35	12.71	28.45	7.553041	87.24	0.51	171.06
H	30.01	30.91	29.53	7.64403	91.3	0.48	190.21
H	33.16	29.14	27.13	7.710263	89.59	0.49	182.84
H	17.90	23.20	21.22	7.744498	98.23	0.44	223.25
H	20.21	21.70	33.48	7.756414	88.83	0.5	177.66
H	15.12	21.84	30.39	7.776354	88.17	0.5	176.34
H	23.41	22.49	19.31	7.799214	97.56	0.45	216.80
H	25.48	34.79	27.70	7.851228	87.51	0.51	171.59
H	20.30	12.65	31.83	7.861503	86.27	0.52	165.90
H	33.92	30.63	25.22	7.901109	88.47	0.5	176.94

H	22.74	18.24	34.27	7.983686	86.63	0.51	169.86
H	19.46	27.74	27.00	8.154122	94.59	0.47	201.26
H	26.61	13.17	23.73	8.215176	90.93	0.48	189.44
H	15.68	24.39	28.76	8.273712	89.54	0.49	182.73
H	25.66	15.65	20.30	8.277192	92.98	0.47	197.83
H	14.43	20.50	21.54	8.432146	90.35	0.49	184.39
H	15.54	20.22	32.77	8.451644	87.12	0.51	170.82
H	34.59	30.12	20.73	8.504708	87.92	0.5	175.84
H	19.83	24.56	32.34	8.554499	90.26	0.48	188.04
H	32.24	34.94	23.44	8.572556	88.63	0.49	180.88
H	17.85	26.39	25.78	8.589549	95.43	0.46	207.46
H	33.55	23.43	22.59	8.616745	87.71	0.5	175.42
H	17.72	14.57	33.58	8.657829	86.23	0.52	165.83
H	24.20	31.02	15.18	8.68494	88.89	0.5	177.78
H	20.51	26.69	29.21	8.733497	94.86	0.46	206.22
H	29.13	19.74	23.88	8.733739	95.49	0.46	207.59
H	18.90	28.20	18.97	8.75652	92.34	0.48	192.38
H	22.92	29.16	15.14	8.820218	89.17	0.5	178.34
H	34.20	25.17	26.24	8.86162	87.83	0.5	175.66
H	21.00	17.10	35.27	8.862921	86.64	0.51	169.88
H	30.39	22.76	28.73	8.864498	89.48	0.5	178.96
H	28.58	26.00	31.41	8.874842	90.26	0.49	184.20
H	28.81	16.01	23.18	8.894273	92.61	0.47	197.04
H	25.93	11.23	24.65	8.943244	90.64	0.49	184.98
H	20.53	32.01	17.47	9.010698	91.19	0.48	189.98
H	28.28	34.30	16.41	9.03542	86.25	0.52	165.87
H	19.25	33.74	22.66	9.037643	89.88	0.5	179.76
H	23.94	27.17	31.67	9.038618	87.91	0.51	172.37
H	33.43	23.87	19.43	9.040962	87.84	0.5	175.68
H	35.44	30.39	23.17	9.045621	87.94	0.5	175.88
H	18.45	10.25	23.04	9.193314	87.9	0.5	175.80
H	33.25	22.33	25.48	9.365553	88.28	0.5	176.56
H	34.19	25.76	18.37	9.367126	87.58	0.5	175.16
H	13.68	24.26	25.41	9.367591	88.47	0.5	176.94
H	18.45	16.26	17.69	9.393772	88.08	0.51	172.71
H	27.98	15.55	20.95	9.436092	92.36	0.47	196.51
H	25.60	19.16	18.34	9.439838	90.54	0.49	184.78
H	24.54	11.62	20.91	9.505179	88.25	0.5	176.50
H	18.58	30.62	18.46	9.524479	91.55	0.48	190.73
H	26.35	37.14	27.27	9.583144	87.25	0.51	171.08
H	16.15	19.37	34.82	9.634672	86.91	0.51	170.41
H	19.42	25.07	17.67	9.647153	92.1	0.48	191.88
H	22.59	36.28	27.33	9.707374	87.24	0.51	171.06
H	29.62	14.93	29.09	9.723776	87.81	0.5	175.62
H	20.90	23.66	16.72	9.845627	91.87	0.48	191.40
H	21.88	34.86	28.98	9.848229	87.23	0.51	171.04
H	11.81	17.64	22.75	9.871276	86.15	0.52	165.67
H	12.33	15.45	22.27	10.01174	86.03	0.52	165.44
H	27.62	13.80	32.35	10.0166	85.56	0.51	167.76
H	11.15	19.92	28.21	10.0293	87.22	0.51	171.02
H	35.55	30.77	27.26	10.11389	87.98	0.51	172.51
H	21.97	10.24	32.41	10.12409	85.93	0.51	168.49
H	29.07	21.72	31.51	10.12987	87	0.51	170.59
H	35.15	28.87	28.61	10.16676	87.82	0.51	172.20
H	11.20	21.48	26.54	10.18738	87.09	0.51	170.76
H	17.79	11.56	19.63	10.18912	87.4	0.51	171.37
H	23.33	8.65	28.39	10.22498	88.12	0.51	172.78
H	24.94	25.47	13.48	10.25113	89.01	0.49	181.65
H	22.00	30.03	32.25	10.32895	87.17	0.51	170.92
H	16.83	30.52	25.90	10.34879	92.15	0.48	191.98
H	30.41	19.76	19.08	10.35753	90.43	0.49	184.55
H	23.45	23.97	14.35	10.36928	89.28	0.49	182.20

H	34.03	33.44	17.83	10.37498	86.69	0.51	169.98
H	14.08	12.20	31.28	10.38612	85.12	0.52	163.69
H	24.85	8.79	26.71	10.39104	87.81	0.5	175.62
H	26.65	35.66	15.58	10.40733	86.22	0.52	165.81
H	21.57	22.19	36.33	10.55753	86.45	0.52	166.25
H	26.52	33.52	32.47	10.60965	86.69	0.51	169.98
H	13.08	25.54	27.21	10.6187	88.55	0.5	177.10
H	19.76	9.81	32.64	10.61947	86.06	0.51	168.75
H	12.90	13.04	22.03	10.62466	86.31	0.52	165.98
H	23.31	38.17	20.18	10.63264	86.63	0.51	169.86
H	27.95	22.72	33.25	10.66046	87.06	0.51	170.71
H	31.17	15.21	26.45	10.74159	88.15	0.5	176.30
H	24.12	38.94	22.39	10.75578	86.45	0.51	169.51
H	22.48	32.27	32.33	10.75888	87.32	0.51	171.22
H	11.41	14.96	30.35	10.81259	85.31	0.51	167.27
H	25.11	35.10	31.57	10.8181	86.8	0.51	170.20
H	11.88	12.48	25.51	10.84599	85.74	0.52	164.88
H	16.63	28.86	27.49	10.89003	92.2	0.48	192.08
H	30.57	23.68	14.16	10.93036	86.31	0.51	169.24
H	36.50	24.91	26.10	10.94001	87.51	0.5	175.02
H	36.02	31.03	18.16	10.95225	86.74	0.51	170.08
H	28.53	39.29	23.30	10.96648	85.95	0.51	168.53
H	19.45	8.27	22.42	11.01668	87.79	0.51	172.14
H	31.09	25.76	13.45	11.01712	86.02	0.51	168.67
H	26.69	9.80	30.53	11.11993	86.69	0.51	169.98
H	33.31	34.22	29.94	11.13903	86.82	0.51	170.24
H	29.94	32.84	13.35	11.21706	85.92	0.52	165.23
H	23.59	10.31	19.13	11.2667	87.98	0.5	175.96
H	17.31	16.89	37.10	11.29675	86.39	0.51	169.39
H	26.56	11.13	19.95	11.30127	88.08	0.5	176.16
H	37.62	31.01	22.88	11.3077	87.5	0.5	175.00
H	15.16	26.78	31.45	11.30802	87.67	0.5	175.34
H	35.00	33.92	28.48	11.33835	86.91	0.51	170.41
H	17.87	22.42	16.34	11.34501	88.97	0.5	177.94
H	36.23	22.78	20.95	11.41269	87.35	0.5	174.70
H	24.47	24.70	35.33	11.41548	86.78	0.51	170.16
H	11.00	16.48	31.98	11.49146	85.24	0.52	163.92
H	20.53	31.70	13.92	11.49176	87.59	0.51	171.75
H	32.55	35.66	16.36	11.52049	86.48	0.52	166.31
H	27.29	30.45	11.80	11.52186	85.89	0.51	168.41
H	26.15	18.38	16.23	11.53565	90.29	0.5	180.58
H	18.47	36.65	23.86	11.53699	87.98	0.51	172.51
H	31.65	19.42	30.61	11.54082	86.53	0.51	169.67
H	20.25	10.10	18.50	11.54964	87.61	0.51	171.78
H	17.41	7.33	26.24	11.60873	85.62	0.51	167.88
H	11.15	22.97	30.84	11.62112	87.03	0.51	170.65
H	34.87	28.07	31.37	11.6792	87.08	0.51	170.75
H	12.47	11.02	23.04	11.7337	86.06	0.52	165.50
H	30.46	17.54	19.66	11.78117	90.37	0.49	184.43
H	27.65	12.79	34.39	11.7981	85.75	0.52	164.90
H	22.25	27.98	34.10	11.80787	87.08	0.51	170.75
H	16.30	28.09	17.36	11.80911	88.68	0.5	177.36
H	21.89	13.55	37.31	11.88703	85.46	0.53	161.25
H	34.14	24.93	31.69	11.95076	86.37	0.51	169.35
H	16.04	12.53	17.28	11.96827	86.88	0.51	170.35
H	11.69	10.76	27.03	11.98423	85.85	0.52	165.10
H	22.11	33.10	12.96	12.03341	87.63	0.51	171.82
H	26.67	24.98	34.78	12.03737	87.19	0.51	170.96
H	21.10	16.07	14.67	12.05822	87.16	0.51	170.90
H	31.67	30.22	34.02	12.1335	85.95	0.51	168.53
H	32.11	37.58	29.06	12.16527	85.49	0.52	164.40
H	25.16	18.80	37.90	12.17352	85.51	0.52	164.44

H	32.01	31.73	12.68	12.20501	85.87	0.51	168.37
H	11.50	25.19	30.30	12.21014	87.24	0.51	171.06
H	17.23	6.89	28.50	12.25344	85.67	0.52	164.75
H	26.33	40.42	20.22	12.27654	86.19	0.51	169.00
H	17.65	34.32	16.96	12.32957	87.75	0.5	175.50
H	18.23	18.38	38.56	12.35331	86.35	0.51	169.31
H	15.98	23.69	16.46	12.37474	88.68	0.5	177.36
H	22.23	21.53	38.41	12.38442	86.32	0.52	166.00
H	18.80	36.26	17.43	12.39093	87.46	0.5	174.92
H	15.87	34.76	22.67	12.43173	87.46	0.5	174.92
H	22.50	10.37	17.13	12.44331	87.87	0.5	175.74
H	29.06	29.32	10.94	12.46486	85.94	0.51	168.51
H	29.93	13.76	19.20	12.50045	88.92	0.5	177.84
H	33.65	30.14	12.93	12.51382	85.88	0.52	165.15
H	24.66	31.03	35.23	12.51414	86.47	0.51	169.55
H	25.72	14.64	37.43	12.51911	85.3	0.52	164.04
H	13.64	8.33	28.45	12.57226	85.34	0.52	164.12
H	12.84	11.10	32.86	12.60398	85.07	0.52	163.60
H	23.25	38.76	16.59	12.62951	86.32	0.51	169.25
H	31.13	39.31	27.85	12.63881	85.58	0.51	167.80
H	11.96	18.43	17.57	12.64173	86.65	0.52	166.63
H	18.22	35.41	29.62	12.65055	87.04	0.51	170.67
H	29.66	35.91	13.33	12.66737	85.75	0.52	164.90
H	28.72	21.89	12.52	12.68183	86.52	0.51	169.65
H	32.99	16.30	23.27	12.68204	88.18	0.5	176.36
H	16.70	23.95	37.12	12.69752	85.75	0.51	168.14
H	21.96	40.07	25.55	12.70278	86.35	0.52	166.06
H	15.06	18.56	15.22	12.70928	87.38	0.51	171.33
H	13.74	8.75	30.72	12.73923	85.29	0.51	167.24
H	20.79	39.46	20.16	12.76213	86.8	0.51	170.20
H	14.76	8.50	21.23	12.79039	85.96	0.52	165.31
H	15.96	28.57	32.61	12.85616	87.34	0.51	171.25
H	17.07	13.27	15.35	12.85841	86.88	0.51	170.35
H	36.31	36.98	23.23	12.893	85.07	0.52	163.60
H	37.35	30.78	16.37	12.90112	86.49	0.51	169.59
H	28.43	41.27	22.13	12.94071	85.84	0.51	168.31
H	31.10	15.59	33.99	12.95346	85.31	0.52	164.06
H	21.67	6.44	21.48	12.99264	87.42	0.51	171.41
H	35.61	29.92	32.46	13.04378	86.69	0.5	173.38
H	33.58	18.62	29.64	13.05673	86.71	0.51	170.02
H	23.86	6.92	21.01	13.06509	87.61	0.51	171.78
H	31.05	10.59	29.18	13.07633	86.04	0.52	165.46
H	26.25	40.15	17.19	13.0853	86.1	0.52	165.58
H	29.13	19.31	14.15	13.09452	87.24	0.51	171.06
H	7.98	20.23	25.51	13.09698	86.08	0.52	165.54
H	26.77	7.63	31.12	13.1017	86.61	0.51	169.82
H	20.26	17.73	13.34	13.19247	87.05	0.51	170.69
H	25.24	15.45	14.39	13.19424	87.7	0.5	175.40
H	37.57	22.23	19.15	13.24344	87.19	0.5	174.38
H	13.52	15.20	37.04	13.26343	85.92	0.51	168.47
H	17.58	37.97	25.54	13.30097	87.93	0.51	172.41
H	12.56	28.72	27.63	13.3208	88.17	0.51	172.88
H	8.34	14.11	27.83	13.34669	85.1	0.52	163.65
H	34.26	24.09	13.09	13.37589	85.71	0.51	168.06
H	32.63	40.27	21.13	13.38132	85.78	0.52	164.96
H	16.27	35.30	28.37	13.43233	86.84	0.51	170.27
H	30.86	9.59	24.15	13.49225	86.32	0.51	169.25
H	18.83	10.64	37.39	13.53312	85.29	0.52	164.02
H	39.02	28.41	28.56	13.55859	86.57	0.51	169.75
H	39.87	27.98	20.33	13.57029	86.59	0.51	169.78
H	18.95	23.37	13.12	13.60228	88.06	0.5	176.12
H	14.76	20.88	14.55	13.66745	87.63	0.51	171.82

H	16.75	10.08	36.55	13.69591	85.3	0.52	164.04
H	32.02	32.11	35.21	13.72505	86	0.51	168.63
H	40.30	27.88	22.60	13.72788	86.55	0.51	169.71
H	15.32	35.15	19.01	13.73034	87.43	0.5	174.86
H	25.79	10.71	36.85	13.78592	85.37	0.51	167.39
H	22.46	31.96	10.44	13.79364	87.03	0.51	170.65
H	22.07	13.99	39.54	13.80834	85.2	0.52	163.85
H	11.01	19.35	36.10	13.82281	85.12	0.52	163.69
H	23.27	26.36	9.83	13.88133	86.89	0.51	170.37
H	18.17	25.29	38.24	13.88971	85.54	0.52	164.50
H	14.98	28.03	15.51	13.90813	88.46	0.5	176.92
H	23.52	36.26	12.01	13.9107	86.25	0.52	165.87
H	8.41	21.46	21.22	13.91426	86.2	0.51	169.02
H	13.88	34.18	23.56	13.93492	87.41	0.5	174.82
H	11.43	26.28	19.93	13.96805	86.69	0.51	169.98
H	28.37	23.33	10.24	14.00037	86.28	0.51	169.18
H	25.51	29.91	37.03	14.01193	86.6	0.51	169.80
H	39.05	22.17	24.44	14.03169	86.43	0.51	169.47
H	25.68	36.03	11.30	14.05281	86.09	0.52	165.56
H	8.62	23.70	22.22	14.05664	86.27	0.52	165.90
H	23.16	36.08	34.46	14.06258	85.92	0.52	165.23
H	8.67	19.54	33.34	14.06695	85.25	0.51	167.16
H	30.26	36.50	34.16	14.10887	85.32	0.52	164.08
H	29.87	39.69	15.17	14.11817	85.42	0.52	164.27
H	7.87	13.01	25.90	14.1253	85.19	0.52	163.83
H	10.98	25.15	33.97	14.13751	86.29	0.51	169.20
H	12.71	24.19	16.51	14.16082	87.31	0.51	171.20
H	35.83	24.66	33.23	14.2112	86.48	0.52	166.31
H	38.03	23.55	30.14	14.29217	86.26	0.51	169.14
H	18.56	39.96	20.11	14.3218	86.63	0.51	169.86
H	32.89	23.97	35.18	14.32608	85.96	0.52	165.31
H	26.70	18.52	39.61	14.32904	85.58	0.52	164.58
H	32.53	21.44	34.35	14.34882	85.94	0.52	165.27
H	31.59	8.88	27.72	14.35919	85.99	0.51	168.61
H	26.62	5.89	22.37	14.36441	86.6	0.52	166.54
H	31.01	15.53	36.31	14.37027	85.45	0.52	164.33
H	20.93	41.06	27.36	14.41893	86.46	0.52	166.27
H	39.00	34.09	18.33	14.42402	85.6	0.52	164.62
H	28.04	10.79	36.47	14.42559	85.56	0.51	167.76
H	24.92	4.59	27.68	14.43135	86.19	0.52	165.75
H	34.88	16.72	22.03	14.43679	87.93	0.51	172.41
H	10.66	16.94	16.43	14.44415	86.3	0.52	165.96
H	22.17	21.26	11.44	14.44702	87.33	0.51	171.24
H	10.18	23.22	34.95	14.4837	85.88	0.51	168.39
H	40.64	30.28	26.71	14.59843	86.38	0.51	169.37
H	31.64	12.31	18.68	14.60993	88.66	0.5	177.32
H	14.84	6.22	21.12	14.63224	85.83	0.52	165.06
H	21.92	23.65	10.14	14.63276	87.4	0.51	171.37
H	9.09	18.46	35.15	14.64639	85.13	0.52	163.71
H	32.54	25.93	36.30	14.67516	86.09	0.52	165.56
H	25.72	41.96	28.95	14.69528	85.29	0.53	160.92
H	33.04	12.23	32.04	14.69938	85.88	0.52	165.15
H	19.92	3.78	27.77	14.70907	85.64	0.52	164.69
H	8.95	26.98	25.96	14.7293	86.65	0.52	166.63
H	13.48	16.28	39.06	14.74433	85.91	0.51	168.45
H	24.06	41.14	30.28	14.74576	85.35	0.53	161.04
H	38.17	36.18	18.11	14.77168	85.5	0.52	164.42
H	13.99	30.56	15.71	14.77574	87.68	0.51	171.92
H	37.20	38.71	24.45	14.78003	85.08	0.52	163.62
H	24.62	19.38	11.65	14.79748	87.29	0.51	171.16
H	22.08	40.41	15.52	14.84015	86.1	0.51	168.82
H	35.55	19.92	14.97	14.84283	85.98	0.52	165.35

H	25.68	13.49	13.33	14.84309	87.19	0.51	170.96
H	13.58	30.15	31.85	14.84696	87.16	0.51	170.90
H	39.62	30.59	16.30	14.85292	86.66	0.52	166.65
H	38.02	33.19	31.43	14.87623	85.71	0.51	168.06
H	36.50	23.73	12.99	14.95222	85.81	0.51	168.25
H	6.43	21.88	25.11	14.95909	86.11	0.51	168.84
H	18.45	30.21	35.58	14.97763	86.03	0.52	165.44
H	39.38	35.72	26.23	15.00643	85.2	0.52	163.85
H	11.70	29.96	22.10	15.00794	86.63	0.52	166.60
H	17.25	29.35	11.39	15.03435	86.98	0.51	170.55
H	13.25	34.62	19.85	15.05015	87.41	0.51	171.39
H	7.27	17.81	32.91	15.08182	85.29	0.51	167.24
H	29.59	6.65	22.73	15.08614	86.39	0.51	169.39
H	20.35	27.81	9.40	15.10276	86.61	0.51	169.82
H	27.34	26.84	8.11	15.13066	86.05	0.51	168.73
H	27.65	25.18	38.24	15.13783	86.3	0.52	165.96
H	10.11	11.61	18.31	15.16159	86.23	0.51	169.08
H	38.43	20.45	28.16	15.16477	86.05	0.51	168.73
H	14.94	5.29	31.32	15.18878	85.18	0.51	167.02
H	17.73	13.95	40.72	15.23703	85.44	0.52	164.31
H	27.81	14.98	39.65	15.23773	85.21	0.52	163.87
H	32.30	42.34	20.19	15.25169	85.56	0.52	164.54
H	12.10	30.91	27.24	15.26172	87.95	0.51	172.45
H	32.03	13.53	35.76	15.26406	85.31	0.52	164.06
H	29.22	5.90	29.28	15.26827	86.27	0.51	169.16
H	34.53	12.65	30.37	15.27841	85.75	0.52	164.90
H	29.37	9.59	17.30	15.29238	86.48	0.51	169.57
H	11.10	12.41	16.41	15.2934	86.03	0.52	165.44
H	36.44	36.70	14.77	15.29759	85.47	0.52	164.37
H	26.15	28.77	7.84	15.29807	85.91	0.51	168.45
H	30.53	39.40	33.15	15.32098	85.21	0.52	163.87
H	17.36	21.51	41.14	15.37827	85.43	0.51	167.51
H	34.94	12.47	24.38	15.37902	86.59	0.51	169.78
H	15.23	31.11	33.17	15.38736	87.1	0.51	170.78
H	36.66	18.82	16.63	15.39636	85.83	0.52	165.06
H	23.25	33.52	8.96	15.40543	86.84	0.52	167.00
H	29.92	13.40	15.02	15.42595	86.95	0.5	173.90
H	16.97	23.68	12.01	15.47658	87.61	0.5	175.22
H	24.67	3.74	29.81	15.4918	86.15	0.52	165.67
H	14.14	7.79	17.46	15.49831	85.37	0.52	164.17
H	32.52	8.19	24.77	15.56073	86.12	0.51	168.86
H	35.65	26.57	10.61	15.5659	85.17	0.52	163.79
H	23.42	9.48	39.01	15.56739	85.33	0.52	164.10
H	10.12	29.26	23.61	15.57686	86.61	0.52	166.56
H	22.33	16.21	41.87	15.58555	85.31	0.52	164.06
H	7.19	13.56	20.84	15.6112	85.1	0.52	163.65
H	13.97	12.88	13.64	15.62016	86.58	0.51	169.76
H	8.51	10.40	31.71	15.65027	84.29	0.52	162.10
H	41.96	31.25	21.59	15.6785	86.28	0.52	165.92
H	22.59	4.96	34.43	15.69033	85.26	0.52	163.96
H	31.85	40.72	14.74	15.73639	85.05	0.53	160.47
H	34.47	40.97	28.74	15.77628	84.96	0.52	163.38
H	25.70	7.22	36.57	15.79408	85.42	0.52	164.27
H	35.11	28.86	36.43	15.79885	85.32	0.52	164.08
H	28.81	11.39	14.75	15.80215	86.83	0.51	170.25
H	39.32	24.27	14.69	15.83649	85.63	0.52	164.67
H	35.62	41.02	26.76	15.85317	84.85	0.52	163.17
H	9.76	7.10	26.85	15.87868	84.99	0.52	163.44
H	11.09	25.85	16.46	15.89884	87.05	0.51	170.69
H	29.67	18.53	11.13	15.90533	86.71	0.51	170.02
H	14.89	14.51	12.28	15.92365	86.6	0.51	169.80
H	40.61	21.98	27.09	15.95234	85.91	0.51	168.45

H	11.14	9.19	35.14	15.95929	84.58	0.52	162.65
H	6.98	25.46	29.84	15.972	85.78	0.52	164.96
H	34.47	20.35	34.84	16.03526	85.98	0.52	165.35
H	23.35	38.08	35.58	16.03981	85.82	0.52	165.04
H	25.10	39.48	11.54	16.04066	85.79	0.52	164.98
H	40.38	36.68	21.80	16.07923	85.28	0.52	164.00
H	21.41	2.48	28.92	16.11373	85.72	0.52	164.85
H	35.98	16.52	31.97	16.13749	85.79	0.51	168.22
H	15.09	27.67	38.36	16.13853	85.42	0.52	164.27
H	36.38	14.24	24.50	16.14319	86.81	0.51	170.22
H	40.14	32.55	30.94	16.1455	85.45	0.51	167.55
H	38.88	21.62	31.06	16.15071	85.86	0.51	168.35
H	21.24	18.26	42.66	16.16508	85.24	0.52	163.92
H	37.43	40.14	20.21	16.17072	84.93	0.52	163.33
H	37.27	38.40	16.06	16.18744	85.51	0.51	167.67
H	25.07	44.06	18.90	16.20247	85.83	0.52	165.06
H	23.89	10.47	12.69	16.20518	86.43	0.51	169.47
H	26.20	25.74	39.96	16.21806	86.36	0.52	166.08
H	32.14	9.47	34.06	16.21921	85.38	0.52	164.19
H	36.50	32.85	10.99	16.25682	84.95	0.52	163.37
H	42.88	28.82	23.23	16.28489	86.44	0.51	169.49
H	12.45	32.27	15.90	16.33114	87.36	0.51	171.29
H	17.88	33.17	36.12	16.33221	85.73	0.52	164.87
H	19.69	29.56	38.39	16.35105	85.59	0.52	164.60
H	10.30	29.13	20.21	16.35192	86.6	0.51	169.80
H	6.93	24.81	32.07	16.35572	85.68	0.52	164.77
H	41.11	25.74	30.16	16.35886	85.62	0.51	167.88
H	28.45	30.78	39.25	16.38568	86.25	0.52	165.87
H	18.32	18.90	10.31	16.40361	87.04	0.51	170.67
H	20.54	29.54	7.90	16.42506	86.51	0.51	169.63
H	19.48	34.42	9.56	16.43285	86.19	0.51	169.00
H	17.52	6.88	37.72	16.43621	84.98	0.52	163.42
H	4.75	15.89	28.40	16.46245	85.18	0.52	163.81
H	17.15	39.94	15.88	16.51254	86.05	0.52	165.48
H	16.12	36.26	12.97	16.529	85.94	0.51	168.51
H	39.66	37.61	27.57	16.53304	85.43	0.52	164.29
H	28.29	42.39	14.33	16.53322	85.2	0.52	163.85
H	8.62	7.54	28.75	16.55073	84.93	0.52	163.33
H	8.26	29.09	25.41	16.59568	86.63	0.52	166.60
H	5.03	22.44	29.25	16.61449	85.14	0.51	166.94
H	18.37	36.01	10.79	16.62616	86.12	0.51	168.86
H	38.78	18.21	27.88	16.63152	85.7	0.51	168.04
H	25.89	41.46	33.56	16.65291	85.07	0.53	160.51
H	27.55	44.50	27.69	16.67013	85.24	0.52	163.92
H	18.16	2.19	23.19	16.77438	85.52	0.51	167.69
H	30.96	8.05	17.93	16.7813	86.63	0.51	169.86
H	40.59	27.82	32.39	16.78753	85.55	0.52	164.52
H	20.85	28.39	40.01	16.79433	85.74	0.52	164.88
H	37.20	16.02	30.07	16.84344	85.9	0.51	168.43
H	11.51	4.61	24.11	16.86087	85.05	0.52	163.56
H	23.06	6.43	14.79	16.88641	86.62	0.51	169.84
H	15.24	6.85	37.45	16.88833	84.97	0.52	163.40
H	36.98	35.04	11.53	16.88836	84.91	0.52	163.29
H	15.08	4.03	33.18	16.88928	84.96	0.52	163.38
H	15.12	28.67	10.74	16.89452	87.03	0.5	174.06
H	29.07	15.62	11.92	16.93587	86.55	0.52	166.44
H	14.69	36.97	14.57	16.94302	85.88	0.51	168.39
H	4.34	20.26	29.48	16.94344	85.38	0.51	167.41
H	15.85	39.75	29.88	16.96098	85.76	0.52	164.92
H	36.35	36.12	34.76	16.98496	84.51	0.52	162.52
H	29.46	22.60	7.45	16.99246	86.17	0.51	168.96
H	31.94	36.05	8.87	16.9968	85.13	0.52	163.71

H	13.55	37.13	29.80	17.00164	85.72	0.52	164.85
H	13.03	26.77	39.04	17.01012	85.2	0.52	163.85
H	17.69	6.70	14.58	17.014	85.01	0.52	163.48
H	18.87	36.10	36.25	17.02028	85.06	0.53	160.49
H	15.62	41.27	20.67	17.02534	86.33	0.51	169.27
H	4.95	15.65	21.20	17.04194	85.19	0.52	163.83
H	30.33	4.87	30.92	17.06964	86.18	0.51	168.98
H	29.80	36.86	8.59	17.08245	85.12	0.52	163.69
H	18.55	14.10	42.88	17.09939	85.12	0.52	163.69
H	18.15	43.28	24.64	17.10009	85.91	0.52	165.21
H	30.59	44.31	28.31	17.11026	84.99	0.52	163.44
H	35.02	20.89	10.25	17.1627	85.5	0.51	167.65
H	16.42	2.53	21.76	17.1652	85.15	0.51	166.96
H	26.32	2.55	22.65	17.18824	85.74	0.52	164.88
H	34.45	16.12	36.87	17.20543	84.95	0.52	163.37
H	42.46	32.64	28.34	17.20575	85.55	0.52	164.52
H	20.91	3.45	35.04	17.22026	85.04	0.52	163.54
H	23.31	24.89	6.61	17.22579	85.84	0.51	168.31
H	20.24	19.61	9.30	17.25637	86.71	0.51	170.02
H	33.17	16.98	38.59	17.27438	85.12	0.52	163.69
H	21.65	21.05	43.56	17.28106	85.16	0.52	163.77
H	19.63	41.72	31.91	17.33348	85.15	0.52	163.75
H	7.36	20.50	15.87	17.35552	85.79	0.51	168.22
H	6.07	20.77	17.76	17.38387	85.63	0.51	167.90
H	9.68	7.27	33.75	17.39451	84.44	0.53	159.32
H	33.46	12.00	36.71	17.39719	85.25	0.52	163.94
H	16.61	42.44	26.11	17.4072	85.67	0.52	164.75
H	13.14	5.75	17.40	17.41355	85.49	0.52	164.40
H	22.40	8.73	40.93	17.42835	85.01	0.52	163.48
H	17.60	2.00	31.44	17.44912	85.26	0.51	167.18
H	8.61	6.92	21.78	17.47461	84.81	0.51	166.29
H	8.55	12.94	37.60	17.48419	84.61	0.52	162.71
H	21.72	42.52	32.37	17.49318	85.24	0.53	160.83
H	42.53	22.29	19.38	17.50665	85.86	0.52	165.12
H	21.51	8.71	11.86	17.56554	85.93	0.51	168.49
H	36.46	38.27	33.93	17.59332	84.9	0.52	163.27
H	30.80	30.22	6.12	17.61139	85.33	0.53	161.00
H	17.29	8.01	12.74	17.6207	85.24	0.52	163.92
H	9.98	28.77	17.26	17.62335	86.51	0.51	169.63
H	10.66	21.93	40.40	17.62505	85.35	0.52	164.13
H	13.73	2.33	27.52	17.62731	85.21	0.52	163.87
H	16.82	22.47	43.16	17.62988	85.36	0.52	164.15
H	27.58	6.27	37.45	17.65111	85.37	0.52	164.17
H	3.66	14.65	26.82	17.65992	85	0.52	163.46
H	20.01	12.25	9.97	17.66074	85.76	0.52	164.92
H	34.82	22.62	8.65	17.66495	85.7	0.51	168.04
H	27.33	14.29	42.45	17.67102	84.9	0.52	163.27
H	42.54	36.08	22.06	17.69002	85.07	0.52	163.60
H	8.53	20.65	14.07	17.69114	85.82	0.51	168.27
H	7.88	15.08	38.01	17.69984	84.5	0.52	162.50
H	15.71	1.86	30.16	17.72352	85.14	0.52	163.73
H	36.66	42.17	18.03	17.72586	84.68	0.52	162.85
H	28.29	34.07	6.38	17.73394	84.97	0.53	160.32
H	25.35	39.52	9.30	17.73683	85.74	0.52	164.88
H	28.90	28.10	40.72	17.73813	86.22	0.52	165.81
H	24.37	1.32	23.00	17.77529	85.79	0.52	164.98
H	36.59	26.03	8.60	17.80193	85.19	0.51	167.04
H	41.86	35.29	16.95	17.8148	85.22	0.52	163.88
H	12.80	20.75	10.81	17.82173	86.14	0.51	168.90
H	10.55	33.83	17.50	17.82587	86.74	0.51	170.08
H	40.83	38.69	19.76	17.82821	85.12	0.52	163.69
H	18.93	26.65	42.21	17.85025	85.37	0.52	164.17

H	6.73	13.89	16.55	17.89889	85.34	0.52	164.12
H	33.83	14.92	13.97	17.9075	85.98	0.51	168.59
H	17.12	25.30	42.59	17.91381	85.3	0.52	164.04
H	40.73	17.43	22.80	17.94625	85.26	0.51	167.18
H	41.51	23.80	14.31	17.95081	85.5	0.52	164.42
H	5.21	21.91	34.49	17.96135	84.87	0.52	163.21
H	35.69	28.91	38.62	17.96738	85.03	0.52	163.52
H	17.16	42.21	16.30	17.99626	86.12	0.52	165.62
H	10.31	36.13	23.90	18.00653	85.32	0.52	164.08
H	6.35	9.84	32.84	18.04609	84.33	0.53	159.11
H	33.75	7.88	33.60	18.05187	85.53	0.52	164.48
H	4.81	12.92	32.59	18.06458	84.77	0.52	163.02
H	39.88	16.43	20.93	18.07192	85.42	0.51	167.49
H	6.76	28.38	31.68	18.07484	85.35	0.52	164.13
H	20.12	22.66	44.09	18.10937	85.46	0.51	167.57
H	11.85	24.08	11.84	18.14674	86.15	0.51	168.92
H	25.19	5.54	14.42	18.15424	86.48	0.51	169.57
H	26.11	43.68	33.08	18.16014	85.01	0.52	163.48
H	9.41	7.87	35.83	18.16911	84.56	0.53	159.55
H	4.55	25.63	23.20	18.18914	86.01	0.52	165.40
H	27.96	37.81	38.73	18.21445	84.39	0.52	162.29
H	33.60	32.08	39.59	18.2425	84.82	0.52	163.12
H	32.04	34.60	6.82	18.24601	85.22	0.53	160.79
H	32.46	31.82	6.16	18.25981	85.2	0.52	163.85
H	13.98	5.11	36.95	18.27239	84.84	0.52	163.15
H	25.91	23.02	43.47	18.27869	85.31	0.52	164.06
H	17.06	37.69	35.74	18.28936	84.98	0.52	163.42
H	23.00	33.25	40.46	18.32095	85	0.52	163.46
H	10.10	4.17	22.37	18.34475	84.99	0.52	163.44
H	14.93	19.21	9.16	18.36502	86.26	0.51	169.14
H	36.14	44.21	21.78	18.43069	85.13	0.53	160.62
H	33.62	42.82	32.37	18.43325	84.36	0.53	159.17
H	33.66	35.90	7.77	18.45227	85.01	0.52	163.48
H	36.26	42.20	15.37	18.47637	84.6	0.52	162.69
H	39.05	30.50	36.65	18.48637	84.78	0.52	163.04
H	43.16	20.53	25.16	18.49225	85.53	0.52	164.48
H	44.19	33.51	25.95	18.50702	85.37	0.52	164.17
H	12.10	37.36	15.77	18.52433	86.3	0.52	165.96
H	10.42	34.84	29.69	18.57138	85.86	0.51	168.35
H	26.19	37.41	6.85	18.57143	85.5	0.52	164.42
H	32.29	3.77	25.29	18.57812	85.52	0.52	164.46
H	25.02	1.69	19.46	18.5982	86.1	0.52	165.58
H	21.20	14.53	8.29	18.61804	85.77	0.52	164.94
H	8.36	6.51	19.54	18.63519	84.61	0.52	162.71
H	6.95	15.08	14.61	18.63903	85.39	0.52	164.21
H	30.88	6.04	36.30	18.66093	85.53	0.52	164.48
H	22.12	2.85	16.25	18.66866	85.66	0.53	161.62
H	31.58	43.86	32.53	18.68342	84.7	0.53	159.81
H	37.42	12.14	20.32	18.70889	85.39	0.51	167.43
H	29.33	9.64	40.74	18.71321	84.85	0.52	163.17
H	13.81	40.65	29.48	18.7503	85.71	0.52	164.83
H	29.10	40.04	8.54	18.77774	85.02	0.52	163.50
H	21.67	1.59	18.10	18.8103	85.6	0.52	164.62
H	11.77	34.55	13.18	18.86103	86.16	0.51	168.94
H	30.54	2.43	23.68	18.8615	85.66	0.52	164.73
H	12.63	7.61	13.41	18.87482	84.95	0.52	163.37
H	24.32	35.13	40.66	18.87979	84.9	0.52	163.27
H	29.44	12.08	42.13	18.88882	84.94	0.52	163.35
H	30.59	35.31	40.30	18.89341	84.64	0.52	162.77
H	40.70	28.46	10.53	18.90738	84.92	0.52	163.31
H	13.40	41.86	20.70	18.9444	86.17	0.51	168.96
H	39.96	18.81	13.83	18.94505	85.63	0.52	164.67

H	33.68	20.61	40.33	18.95247	84.78	0.52	163.04
H	4.66	20.33	36.08	18.96002	84.96	0.52	163.38
H	12.60	40.84	26.54	18.96704	85.52	0.52	164.46
H	14.21	36.99	34.74	18.98185	84.78	0.52	163.04
H	12.22	26.16	10.95	18.99211	86.05	0.51	168.73
H	11.32	39.63	25.09	19.00896	85.47	0.52	164.37
H	39.14	18.93	33.74	19.01009	85.12	0.51	166.90
H	24.77	20.43	6.01	19.01661	85.77	0.52	164.94
H	7.71	28.73	17.47	19.03846	86.41	0.51	169.43
H	16.53	9.16	10.39	19.07793	84.82	0.52	163.12
H	23.94	30.57	4.35	19.08083	85.06	0.52	163.58
H	5.34	7.52	24.67	19.08543	84.63	0.52	162.75
H	7.70	31.30	31.34	19.08796	85.22	0.52	163.88
H	15.76	1.33	19.63	19.10656	85.19	0.51	167.04
H	26.56	39.62	38.68	19.11867	84.4	0.52	162.31
H	36.95	44.13	26.86	19.12098	84.86	0.52	163.19
H	24.22	24.90	4.49	19.13553	85.77	0.51	168.18
H	8.40	22.20	40.49	19.14905	85.32	0.52	164.08
H	9.62	21.43	11.32	19.16259	85.76	0.51	168.16
H	19.39	3.81	38.85	19.17308	84.81	0.52	163.10
H	26.80	9.51	42.44	19.17476	84.52	0.52	162.54
H	11.93	37.81	31.28	19.1919	85.82	0.51	168.27
H	38.10	28.36	38.51	19.20356	84.96	0.52	163.38
H	8.16	29.56	35.54	19.20446	84.79	0.53	159.98
H	34.46	6.58	19.68	19.23474	85.75	0.52	164.90
H	33.91	34.30	39.96	19.24673	84.89	0.52	163.25
H	10.17	25.00	41.10	19.28793	84.93	0.52	163.33
H	38.19	31.91	8.09	19.29101	84.47	0.52	162.44
H	4.51	8.45	28.80	19.32224	84.43	0.52	162.37
H	39.31	12.50	26.83	19.32745	85.46	0.52	164.35
H	12.70	36.47	12.29	19.34717	86.18	0.51	168.98
H	39.79	16.86	15.03	19.36498	85.53	0.52	164.48
H	39.45	33.58	36.70	19.37453	84.89	0.52	163.25
H	27.59	2.05	18.51	19.38222	86.01	0.52	165.40
H	13.91	0.31	26.42	19.39906	85.55	0.52	164.52
H	8.98	27.05	39.13	19.40432	84.97	0.52	163.40
H	44.06	34.70	17.33	19.42233	85.19	0.52	163.83
H	28.51	33.05	4.34	19.42742	85.21	0.52	163.87
H	9.87	38.35	24.26	19.45269	85.59	0.52	164.60
H	8.61	5.24	33.86	19.45831	84.52	0.52	162.54
H	30.66	44.11	12.20	19.48913	84.75	0.53	159.91
H	31.30	8.83	39.94	19.49357	85.04	0.52	163.54
H	37.13	22.73	38.52	19.51451	85.17	0.53	160.70
H	30.82	19.96	43.25	19.52327	85.05	0.52	163.56
H	2.44	20.64	20.50	19.54702	85.44	0.52	164.31
H	32.67	44.43	13.54	19.56201	84.88	0.53	160.15
H	34.54	12.71	13.65	19.57397	85.77	0.52	164.94
H	5.83	27.55	17.97	19.59234	86.47	0.51	169.55
H	3.06	11.91	31.40	19.61174	84.69	0.53	159.79
H	35.62	40.55	10.52	19.64159	84.66	0.52	162.81
H	25.12	15.55	7.52	19.65119	85.66	0.52	164.73
H	12.06	34.10	35.13	19.66754	85.2	0.52	163.85
H	18.87	27.72	5.04	19.6858	86.06	0.52	165.50
H	10.23	37.62	17.11	19.686	86.26	0.52	165.88
H	38.65	14.06	17.29	19.68607	85.34	0.51	167.33
H	35.91	42.74	13.20	19.70575	84.61	0.52	162.71
H	40.03	38.18	33.84	19.71505	84.5	0.52	162.50
H	15.56	3.89	14.21	19.75557	84.97	0.53	160.32
H	44.17	27.01	32.04	19.75569	85.17	0.52	163.79
H	22.56	29.27	42.93	19.76582	85.32	0.52	164.08
H	13.16	21.38	44.48	19.80227	84.92	0.52	163.31
H	41.05	34.14	10.81	19.81081	84.43	0.51	165.55

H	7.17	32.73	25.52	19.87278	85.48	0.51	167.61
H	35.12	7.60	17.73	19.88584	85.7	0.52	164.81
H	24.41	37.28	5.41	19.9032	85.04	0.53	160.45
H	8.43	33.42	16.68	19.90477	86.63	0.51	169.86
H	5.58	10.76	36.72	19.94482	84.56	0.52	162.62
H	1.45	20.15	22.50	19.94983	85.4	0.52	164.23
H	33.07	5.60	35.80	19.95762	85.17	0.51	167.00
H	29.86	2.37	18.66	19.95839	86.06	0.53	162.38
H	10.90	1.78	31.21	19.96732	85.05	0.52	163.56
H	29.38	21.37	44.34	19.97242	85	0.52	163.46
H	17.92	32.70	5.63	19.98575	85.37	0.52	164.17
H	39.90	27.03	37.99	19.99146	84.85	0.52	163.17
H	13.21	2.98	36.65	19.99865	84.82	0.52	163.12
H	39.13	42.12	30.75	20.02171	84.88	0.53	160.15
H	32.33	9.19	12.88	20.02261	85.59	0.52	164.60
H	41.28	42.05	24.50	20.02585	84.82	0.52	163.12
H	25.36	0.92	35.22	20.02801	84.92	0.52	163.31
H	10.29	7.28	13.66	20.04113	84.85	0.52	163.17
H	31.54	42.16	9.30	20.06302	84.77	0.52	163.02
H	1.79	21.84	31.53	20.06454	85.24	0.51	167.14
H	7.97	16.55	41.75	20.08178	84.53	0.53	159.49
H	1.13	22.02	25.86	20.11938	85.37	0.52	164.17
H	33.95	18.91	41.82	20.11996	84.97	0.52	163.40
H	16.74	34.40	6.61	20.12585	85.45	0.52	164.33
H	4.60	29.99	28.72	20.12706	85.42	0.52	164.27
H	44.21	37.18	27.69	20.15839	84.94	0.52	163.35
H	35.16	4.48	29.73	20.17889	84.87	0.52	163.21
H	38.12	9.96	20.14	20.19786	85.49	0.51	167.63
H	5.16	26.02	16.40	20.20484	86.45	0.51	169.51
H	13.95	7.93	10.68	20.20522	84.86	0.52	163.19
H	8.98	2.50	30.15	20.20889	85.26	0.52	163.96
H	19.93	41.85	9.46	20.24443	84.95	0.53	160.28
H	40.22	43.17	26.19	20.25363	84.9	0.52	163.27
H	40.76	14.25	26.38	20.27415	85.29	0.52	164.02
H	14.63	39.52	10.88	20.37077	85.05	0.52	163.56
H	4.80	16.54	38.84	20.37609	84.34	0.52	162.19
H	34.51	39.58	38.32	20.40091	84.47	0.53	159.38
H	31.98	23.32	42.93	20.4059	84.98	0.52	163.42
H	36.51	42.99	33.53	20.40702	84.57	0.52	162.63
H	2.67	26.74	22.58	20.43505	85.9	0.52	165.19
H	23.63	3.36	40.07	20.43642	84.61	0.52	162.71
H	38.48	10.67	33.53	20.44019	84.59	0.52	162.67
H	2.31	10.95	22.46	20.44203	84.59	0.52	162.67
H	33.45	41.40	37.44	20.45216	84.36	0.52	162.23
H	14.49	37.48	36.97	20.46789	84.86	0.52	163.19
H	18.09	8.39	8.87	20.47203	84.95	0.52	163.37
H	21.15	37.94	40.48	20.48656	84.67	0.52	162.83
H	28.78	43.38	37.04	20.48882	84.64	0.52	162.77
H	20.70	35.84	4.90	20.51812	84.91	0.52	163.29
H	43.61	39.83	25.29	20.55204	84.93	0.52	163.33
H	43.44	18.34	29.10	20.55727	85.28	0.51	167.22
H	21.05	37.88	5.70	20.56159	84.95	0.52	163.37
H	1.53	11.85	24.39	20.57043	84.59	0.52	162.67
H	41.45	25.45	37.04	20.57762	84.99	0.52	163.44
H	25.28	29.81	2.64	20.57847	85.12	0.52	163.69
H	10.43	24.82	9.99	20.58661	85.87	0.51	168.37
H	11.99	1.06	19.90	20.59057	85.22	0.52	163.88
H	15.60	0.65	17.50	20.5994	85.43	0.51	167.51
H	20.39	39.76	39.24	20.61427	84.46	0.52	162.42
H	26.64	7.26	42.87	20.61563	84.43	0.52	162.37
H	7.63	2.82	24.02	20.6219	85.16	0.52	163.77
H	42.17	25.86	9.86	20.63175	84.67	0.52	162.83

H	1.30	24.87	26.78	20.65077	85.1	0.51	166.86
H	15.70	14.53	6.90	20.65303	85.02	0.52	163.50
H	10.14	29.78	10.68	20.67725	85.48	0.52	164.38
H	43.00	39.94	28.44	20.68861	84.63	0.52	162.75
H	23.94	41.24	39.22	20.69267	84.54	0.52	162.58
H	29.15	14.82	7.81	20.69431	85.43	0.52	164.29
H	33.59	15.18	42.55	20.70626	85.09	0.52	163.63
H	0.55	20.93	29.84	20.78491	85.07	0.51	166.80
H	12.61	9.13	43.16	20.79593	84.25	0.53	158.96
H	8.89	35.95	31.10	20.79893	85.59	0.51	167.82
H	27.83	13.00	7.65	20.79974	85.3	0.52	164.04
H	18.77	7.01	43.80	20.81771	84.18	0.52	161.88
H	33.86	24.79	42.31	20.83735	84.84	0.52	163.15
H	32.46	13.19	43.06	20.84828	84.87	0.52	163.21
H	43.60	40.07	19.66	20.85547	85.01	0.52	163.48
H	6.03	7.62	16.61	20.86911	84.7	0.52	162.88
H	16.72	3.22	40.25	20.90488	84.6	0.52	162.69
H	38.85	13.57	15.11	20.90752	85.53	0.52	164.48
H	36.28	28.40	41.67	20.90975	84.89	0.52	163.25
H	30.16	5.84	12.56	20.91834	85.49	0.52	164.40
H	24.04	16.73	5.87	20.93467	85.57	0.52	164.56
H	16.13	22.77	5.92	20.94442	85.39	0.52	164.21
H	39.87	17.59	35.42	20.96296	84.79	0.51	166.25
H	23.62	8.88	8.02	20.96702	84.92	0.52	163.31
H	33.66	5.80	15.63	20.96909	85.58	0.52	164.58
H	3.91	6.82	30.59	20.97012	84.15	0.53	158.77
H	31.78	4.98	14.59	20.97879	85.37	0.52	164.17
H	30.49	36.87	41.97	20.98042	84.5	0.52	162.50
H	24.35	0.74	37.30	20.98482	85.11	0.52	163.67
H	14.59	30.70	6.06	20.98881	85.22	0.52	163.88
H	6.81	34.88	26.06	20.99857	85.49	0.51	167.63
H	3.20	20.91	15.49	21.00641	85.24	0.52	163.92
H	30.48	21.24	3.80	21.01324	85.09	0.52	163.63
H	41.50	21.53	36.22	21.02331	85.06	0.52	163.58
H	38.63	39.89	10.19	21.02892	84.43	0.52	162.37
H	24.65	20.58	3.74	21.03588	85.55	0.52	164.52
H	3.93	30.59	24.05	21.05197	85.54	0.52	164.50
H	24.51	10.85	7.17	21.06577	84.92	0.52	163.31
H	10.83	10.65	43.31	21.07245	84.09	0.53	158.66
H	4.73	31.19	22.02	21.10826	85.57	0.51	167.78
H	3.55	10.25	35.33	21.11506	84.42	0.52	162.35
H	29.88	28.17	2.24	21.14876	84.98	0.52	163.42
H	4.30	8.52	17.91	21.15435	84.58	0.52	162.65
H	18.91	43.63	10.50	21.16206	84.9	0.52	163.27
H	28.54	42.37	39.00	21.16616	84.63	0.52	162.75
H	35.88	4.46	31.94	21.16939	84.82	0.52	163.12
H	37.64	11.21	37.35	21.1906	84.6	0.53	159.62
H	2.39	8.12	25.27	21.2172	84.66	0.52	162.81
H	29.67	8.44	9.90	21.25136	85.34	0.52	164.12
H	28.84	19.65	3.94	21.25259	85.23	0.52	163.90
H	10.32	33.22	37.50	21.27968	85.27	0.52	163.98
H	43.68	17.43	16.85	21.30229	84.81	0.52	163.10
H	14.94	37.06	7.48	21.31512	85.03	0.52	163.52
H	11.35	17.07	7.49	21.32694	85.18	0.52	163.81
H	16.75	6.00	43.40	21.37079	83.9	0.53	158.30
H	11.52	1.75	16.93	21.37835	84.79	0.52	163.06
H	42.15	37.81	34.52	21.41024	84.34	0.53	159.13
H	1.18	18.39	34.89	21.43703	84.79	0.52	163.06
H	6.46	30.46	36.80	21.45331	84.44	0.52	162.38
H	40.09	32.06	6.81	21.47163	84.49	0.52	162.48
H	31.32	25.53	2.39	21.47919	85.3	0.52	164.04
H	4.10	27.14	36.66	21.49369	84.4	0.52	162.31

H	30.12	40.59	5.71	21.49768	84.78	0.52	163.04
H	36.96	25.49	4.52	21.51583	84.75	0.52	162.98
H	10.33	19.07	7.78	21.51629	85.08	0.52	163.62
H	36.31	38.23	6.56	21.52885	84.67	0.52	162.83
H	42.88	14.58	20.87	21.53687	84.82	0.52	163.12
H	44.61	24.86	11.88	21.55063	84.89	0.52	163.25
H	11.80	11.24	8.33	21.55235	84.42	0.53	159.28
H	7.75	14.80	43.19	21.5608	84.42	0.52	162.35
H	41.28	35.42	8.93	21.56349	84.56	0.52	162.62
H	34.77	3.01	32.63	21.59465	84.76	0.52	163.00
H	0.36	17.31	33.03	21.59526	84.77	0.52	163.02
H	35.14	36.84	5.13	21.60389	84.69	0.52	162.87
H	44.54	36.57	32.09	21.61953	84.47	0.53	159.38
H	33.21	30.62	43.61	21.62722	84.72	0.52	162.92
H	1.40	27.59	28.23	21.63353	85.14	0.52	163.73
H	20.36	34.48	43.00	21.66891	84.78	0.52	163.04
H	8.23	24.21	9.90	21.68194	85.85	0.52	165.10
H	38.42	5.81	24.13	21.69773	84.82	0.53	160.04
H	38.32	29.45	4.90	21.698	84.48	0.52	162.46
H	31.06	10.20	9.15	21.7143	85.32	0.52	164.08
H	19.33	23.46	3.28	21.73106	85.47	0.52	164.37
H	8.08	14.61	9.37	21.73492	84.83	0.53	160.06
H	43.20	23.10	36.09	21.736	84.89	0.52	163.25
H	8.04	33.51	35.40	21.75357	84.93	0.52	163.33
H	18.93	28.01	2.78	21.75426	85.89	0.52	165.17
H	10.48	43.08	24.24	21.76453	85.22	0.52	163.88
H	14.50	32.50	41.80	21.76473	84.73	0.53	159.87
H	9.09	5.35	13.69	21.77884	84.7	0.52	162.88
H	37.70	22.68	40.95	21.78116	84.96	0.52	163.38
H	31.06	44.59	9.14	21.79194	84.63	0.52	162.75
H	14.85	39.72	8.60	21.79604	85.1	0.52	163.65
H	15.96	37.31	40.08	21.86857	84.48	0.53	159.40
H	35.73	15.26	8.30	21.87863	84.67	0.52	162.83
H	44.05	16.33	28.24	21.87998	85.13	0.52	163.71
H	35.68	2.75	30.52	21.88794	84.65	0.52	162.79
H	43.94	32.06	36.01	21.89015	84.47	0.52	162.44
H	15.93	24.49	4.43	21.89865	85.5	0.52	164.42
H	14.43	2.11	13.38	21.90113	84.92	0.53	160.23
H	33.61	25.36	2.61	21.90963	85.05	0.52	163.56
H	20.95	21.90	2.99	21.93393	85.53	0.52	164.48
H	39.13	42.16	34.92	21.96589	84.53	0.52	162.56
H	41.08	12.09	32.50	21.96872	84.82	0.52	163.12
H	29.31	33.63	44.32	21.969	84.42	0.52	162.35
H	40.32	19.15	8.73	21.9787	84.91	0.52	163.29
H	39.53	8.69	33.02	21.98642	84.82	0.52	163.12
H	36.63	36.50	41.03	22.02726	84.66	0.52	162.81
H	5.18	19.15	11.07	22.04486	85.2	0.51	167.06
H	9.59	41.31	28.83	22.04763	84.76	0.52	163.00
H	44.12	38.77	31.72	22.05601	84.56	0.52	162.62
H	18.21	41.97	38.46	22.06917	84.48	0.52	162.46
H	37.50	33.61	41.63	22.07138	84.49	0.52	162.48
H	21.41	39.93	4.95	22.09496	84.79	0.52	163.06
H	4.07	17.52	40.78	22.09921	84.31	0.52	162.13
H	43.13	40.57	14.79	22.10789	84.57	0.52	162.63
H	31.25	1.90	37.11	22.17672	84.68	0.52	162.85
H	38.73	12.84	38.54	22.20954	84.57	0.53	159.57
H	40.81	43.64	31.05	22.22579	84.73	0.53	159.87
H	18.86	0.96	12.79	22.27976	84.88	0.53	160.15
H	29.28	5.26	10.54	22.30348	85.41	0.52	164.25
H	37.17	4.06	21.23	22.3096	84.73	0.52	162.94
H	13.51	35.64	6.44	22.38202	84.96	0.52	163.38
H	41.72	43.25	15.65	22.41718	84.41	0.53	159.26

H	0.31	24.17	19.75	22.42963	85.74	0.51	168.12
H	44.46	38.79	14.26	22.44329	84.43	0.52	162.37
H	5.44	21.34	10.50	22.44908	85.24	0.51	167.14
H	34.38	18.69	4.50	22.45253	84.41	0.52	162.33
H	22.30	41.82	40.69	22.45697	84.52	0.52	162.54
H	40.19	7.21	23.80	22.46006	84.73	0.53	159.87
H	3.36	4.75	29.72	22.46353	84.42	0.53	159.28
H	31.89	0.83	35.18	22.46717	84.52	0.52	162.54
H	43.18	20.05	35.73	22.47346	84.99	0.52	163.44
H	24.02	1.20	40.68	22.50697	84.98	0.52	163.42
H	44.58	14.96	23.40	22.50819	84.81	0.52	163.10
H	10.61	44.32	22.32	22.51095	85.32	0.52	164.08
H	6.30	27.65	12.08	22.51597	85.26	0.52	163.96
H	43.88	16.78	14.67	22.52909	84.79	0.52	163.06
H	1.06	28.23	30.81	22.56762	85.1	0.52	163.65
H	24.07	36.24	44.18	22.5688	84.5	0.52	162.50
H	12.88	5.42	9.88	22.57221	84.71	0.52	162.90
H	7.86	40.38	18.99	22.57341	84.96	0.52	163.38
H	4.89	32.92	18.79	22.57908	85.56	0.51	167.76
H	4.53	3.94	20.73	22.6014	84.74	0.53	159.89
H	34.55	1.13	21.35	22.60588	85.18	0.53	160.72
H	10.12	9.67	8.60	22.65179	84.73	0.52	162.94
H	29.55	26.47	0.76	22.66005	85.26	0.52	163.96
H	36.90	2.40	27.88	22.66205	84.75	0.52	162.98
H	5.10	8.97	39.73	22.66637	84.08	0.53	158.64
H	18.52	17.22	3.99	22.66901	85.17	0.52	163.79
H	37.02	13.04	10.23	22.67362	84.35	0.52	162.21
H	36.24	3.33	19.27	22.67973	84.83	0.53	160.06
H	9.83	31.52	8.16	22.68243	85.06	0.52	163.58
H	33.69	31.70	1.82	22.68647	84.57	0.52	162.63
H	27.15	2.37	41.31	22.70121	84.75	0.52	162.98
H	32.73	8.03	10.07	22.74534	85.48	0.52	164.38
H	12.54	44.41	14.94	22.75701	84.94	0.52	163.35
H	16.57	36.28	42.02	22.76038	84.44	0.52	162.38
H	17.69	19.32	3.99	22.76111	85.15	0.53	160.66
H	13.40	42.86	34.87	22.77077	84.08	0.52	161.69
H	6.46	9.21	41.55	22.79238	84.37	0.53	159.19
H	6.87	3.20	36.13	22.81511	84.27	0.52	162.06
H	23.81	40.92	4.19	22.82277	84.79	0.52	163.06
H	6.76	16.36	8.70	22.83233	84.97	0.53	160.32
H	38.26	17.19	41.33	22.85444	84.16	0.52	161.85
H	28.87	4.42	42.77	22.87478	84.72	0.53	159.85
H	14.91	14.62	4.76	22.87598	84.76	0.52	163.00
H	19.69	38.82	3.91	22.88158	84.95	0.53	160.28
H	1.01	15.27	37.36	22.88922	84.34	0.52	162.19
H	6.46	0.88	23.58	22.89344	85.11	0.52	163.67
H	37.90	29.19	43.08	22.94181	85.08	0.52	163.62
H	37.83	15.90	7.59	22.946	84.61	0.52	162.71
H	4.38	26.78	12.95	22.95994	85.21	0.52	163.87
H	39.69	19.55	6.50	22.97929	84.8	0.52	163.08
H	12.25	34.30	40.71	23.01741	84.64	0.53	159.70
H	3.81	3.08	28.25	23.02356	84.51	0.53	159.45
H	5.00	35.68	19.36	23.07132	85.67	0.52	164.75
H	5.13	34.40	17.10	23.07385	85.53	0.51	167.71
H	16.69	32.43	44.33	23.07726	84.84	0.53	160.08
H	2.71	21.96	40.24	23.07809	84.5	0.52	162.50
H	35.84	41.88	6.74	23.09066	84.39	0.52	162.29
H	42.05	16.19	11.17	23.09579	84.7	0.52	162.88
H	2.64	32.19	29.62	23.09792	85.35	0.52	164.13
H	23.77	42.90	5.29	23.10029	84.62	0.52	162.73
H	24.64	23.13	0.74	23.10399	85.3	0.52	164.04
H	13.36	31.84	4.45	23.14491	85.16	0.52	163.77

H	10.39	40.95	34.07	23.17745	84.87	0.52	163.21
H	27.76	41.04	42.59	23.18083	84.34	0.52	162.19
H	1.31	21.62	14.49	23.21397	85.32	0.52	164.08
H	7.99	1.29	17.60	23.21593	84.95	0.52	163.37
H	14.18	43.60	10.61	23.22222	84.9	0.52	163.27
H	43.01	14.49	32.55	23.23926	84.72	0.52	162.92
H	42.08	28.66	5.80	23.24047	84.47	0.52	162.44
H	27.47	0.46	13.26	23.24496	85.13	0.53	160.62
H	8.79	6.59	42.45	23.24815	84.46	0.52	162.42
H	42.33	9.51	28.85	23.31036	84.69	0.52	162.87
H	20.72	13.45	3.72	23.31099	84.54	0.52	162.58
H	14.71	9.83	5.72	23.31577	84.76	0.52	163.00
H	23.45	28.05	0.02	23.32531	85.18	0.52	163.81
H	7.20	26.28	43.66	23.33114	84.72	0.52	162.92
H	11.76	27.96	5.07	23.38554	84.68	0.53	159.77
H	18.44	44.25	38.42	23.41857	84.6	0.51	165.88
H	22.26	7.52	5.81	23.42231	84.53	0.52	162.56
H	17.75	1.28	10.83	23.42633	84.85	0.53	160.09
H	26.49	39.54	43.80	23.4373	84.38	0.52	162.27
H	5.84	20.37	44.36	23.44896	84.57	0.52	162.63
H	43.87	22.25	8.52	23.46722	84.53	0.52	162.56
H	7.35	28.43	42.89	23.51649	84.74	0.52	162.96
H	38.93	7.42	36.95	23.5441	84.57	0.52	162.63
H	10.06	21.96	5.90	23.5587	84.92	0.52	163.31
H	30.22	35.38	0.89	23.56096	84.43	0.52	162.37
H	2.00	15.32	12.76	23.58073	84.58	0.52	162.65
H	41.43	26.61	41.37	23.58514	85.01	0.52	163.48
H	26.46	5.61	7.47	23.5938	85.23	0.52	163.90
H	6.95	34.37	11.43	23.6141	84.82	0.52	163.12
H	18.96	42.93	6.03	23.64531	84.86	0.52	163.19
H	2.47	6.01	34.70	23.67614	84.41	0.52	162.33
H	24.99	2.62	9.33	23.67847	84.84	0.52	163.15
H	24.33	0.47	11.41	23.68678	85.11	0.52	163.67
H	41.19	39.19	38.43	23.69484	84.37	0.52	162.25
H	1.55	7.98	35.38	23.71425	84.4	0.52	162.31
H	2.20	27.49	37.88	23.71526	84.42	0.52	162.35
H	6.11	9.54	10.23	23.71942	84.33	0.53	159.11
H	39.89	30.45	3.58	23.71979	84.28	0.52	162.08
H	14.12	41.56	38.52	23.73332	84.56	0.52	162.62
H	4.97	13.44	43.44	23.77793	84.41	0.53	159.26
H	37.02	33.75	2.40	23.78648	84.5	0.52	162.50
H	4.83	4.04	36.62	23.81235	84.19	0.53	158.85
H	40.40	9.41	16.17	23.82009	84.95	0.52	163.37
H	0.79	18.01	13.72	23.83854	84.74	0.52	162.96
H	33.76	16.59	3.76	23.84471	84.3	0.52	162.12
H	43.74	12.55	18.54	23.85456	84.52	0.52	162.54
H	7.50	1.99	15.45	23.9046	84.86	0.52	163.19
H	41.78	30.95	41.45	23.91793	84.46	0.53	159.36
H	2.27	10.96	13.45	23.94012	84.23	0.52	161.98
H	9.16	4.37	42.00	23.97841	84.16	0.52	161.85
H	42.72	32.77	40.40	24.01228	84.61	0.53	159.64
H	36.71	8.49	41.63	24.01425	84.56	0.53	159.55
H	9.51	39.71	35.76	24.0279	84.66	0.52	162.81
H	21.12	33.38	0.24	24.03534	85.03	0.52	163.52
H	8.74	43.46	29.11	24.04876	84.98	0.52	163.42
H	22.22	36.59	0.91	24.05211	84.52	0.52	162.54
H	5.11	33.67	36.34	24.07484	84.82	0.53	160.04
H	36.39	35.93	2.43	24.07986	84.3	0.52	162.12
H	10.25	0.28	14.75	24.08192	84.86	0.52	163.19
H	40.36	9.15	37.31	24.10064	84.51	0.52	162.52
H	43.74	19.58	8.71	24.10753	84.79	0.52	163.06
H	9.13	36.10	8.34	24.11956	84.86	0.52	163.19

H	38.14	43.47	38.15	24.14936	84.06	0.52	161.65
H	1.47	14.14	40.19	24.15414	84.34	0.52	162.19
H	41.76	17.64	38.73	24.18631	84.35	0.52	162.21
H	5.29	30.76	40.28	24.21807	84.14	0.52	161.81
H	10.98	2.31	41.67	24.2382	84.25	0.53	158.96
H	30.29	40.20	2.20	24.26336	84.11	0.52	161.75
H	17.84	41.50	4.60	24.27678	84.61	0.53	159.64
H	41.38	36.90	40.47	24.27985	84.21	0.52	161.94
H	37.74	7.85	12.49	24.30431	84.77	0.52	163.02
H	12.81	39.98	39.53	24.3107	84.43	0.53	159.30
H	3.78	36.68	20.99	24.33792	85.45	0.51	167.55
H	43.34	14.30	12.60	24.34201	84.59	0.52	162.67
H	5.58	40.07	27.61	24.40667	84.74	0.52	162.96
H	18.61	3.71	7.14	24.41623	84.71	0.53	159.83
H	39.98	9.66	13.96	24.44063	85.06	0.52	163.58
H	28.58	6.13	6.79	24.44761	84.93	0.52	163.33
H	4.08	35.84	29.87	24.46666	84.48	0.52	162.46
H	36.15	21.23	1.80	24.47665	84.27	0.52	162.06
H	7.79	21.59	6.04	24.51842	84.86	0.53	160.11
H	40.55	5.40	19.66	24.52353	84.66	0.52	162.81
H	12.12	3.11	43.59	24.55204	84.31	0.52	162.13
H	33.16	42.48	42.23	24.56351	84.44	0.52	162.38
H	38.14	24.88	1.74	24.57167	84.87	0.51	166.41
H	28.68	17.51	1.25	24.57471	85.22	0.52	163.88
H	15.82	8.08	4.77	24.59202	84.62	0.52	162.73
H	9.57	41.99	11.43	24.67472	84.41	0.52	162.33
H	3.43	1.96	20.71	24.68704	84.42	0.53	159.28
H	2.90	25.07	10.97	24.7057	85.36	0.52	164.15
H	37.26	6.45	40.74	24.75395	84.43	0.52	162.37
H	42.87	26.97	4.49	24.79619	84.35	0.52	162.21
H	3.99	11.36	43.27	24.83711	84.23	0.52	161.98
H	22.44	43.11	42.79	24.84241	84.14	0.52	161.81
H	0.67	30.46	18.57	24.85902	85.41	0.52	164.25
H	37.60	19.67	2.65	24.8667	84.73	0.52	162.94
H	22.17	5.29	5.38	24.89794	84.48	0.52	162.46
H	2.51	24.32	42.24	24.92644	84.61	0.53	159.64
H	41.28	16.63	40.79	24.94054	84.56	0.52	162.62
H	37.65	11.19	8.94	24.96057	84.26	0.51	165.22
H	44.38	10.02	27.98	24.96619	85.03	0.52	163.52
H	34.20	1.80	39.60	24.9711	84.56	0.53	159.55
H	20.77	14.68	1.80	24.98108	84.75	0.52	162.98
H	17.66	11.95	2.58	24.98886	84.67	0.52	162.83
H	26.44	17.16	0.86	24.98923	85.41	0.52	164.25
H	39.79	17.95	42.91	25.01763	84.26	0.52	162.04
H	43.11	23.23	41.19	25.02363	84.69	0.52	162.87
H	0.96	33.13	23.12	25.02997	85.42	0.51	167.49
H	40.88	26.51	43.63	25.05566	84.77	0.52	163.02
H	1.50	32.46	33.84	25.06966	84.74	0.52	162.96
H	12.12	44.39	36.05	25.08105	84.1	0.52	161.73
H	12.33	43.77	9.27	25.08291	84.73	0.52	162.94
H	9.70	35.85	6.12	25.08438	84.7	0.52	162.88
H	9.65	28.61	4.58	25.13063	84.77	0.53	159.94
H	35.94	42.86	4.68	25.18173	84.11	0.52	161.75
H	19.60	0.07	43.75	25.19996	84.16	0.52	161.85
H	5.04	41.18	19.94	25.21425	84.74	0.52	162.96
H	39.09	2.37	19.50	25.22783	84.73	0.52	162.94
H	16.25	29.40	0.08	25.28172	85.06	0.52	163.58
H	44.60	40.90	10.40	25.29917	84.04	0.52	161.62
H	41.81	43.39	9.44	25.3118	83.94	0.52	161.42
H	33.53	37.19	0.39	25.31378	84.24	0.52	162.00
H	5.30	41.82	26.19	25.31462	84.73	0.53	159.87
H	6.41	34.95	9.24	25.33782	84.56	0.52	162.62

H	5.93	38.22	34.11	25.34581	84.57	0.52	162.63
H	1.99	12.37	10.72	25.36922	84.36	0.52	162.23
H	0.72	3.37	23.29	25.37685	84.27	0.53	159.00
H	24.37	10.99	2.46	25.39476	84.97	0.52	163.40
H	44.17	11.28	16.72	25.42138	84.63	0.52	162.75
H	0.93	30.43	16.27	25.46918	85.65	0.52	164.71
H	38.63	3.46	37.10	25.48666	84.35	0.52	162.21
H	1.36	2.06	25.12	25.5173	84.57	0.53	159.57
H	40.83	3.27	31.56	25.51863	84.91	0.52	163.29
H	31.63	44.16	42.67	25.54428	84.42	0.52	162.35
H	3.17	32.14	13.49	25.59413	85.13	0.53	160.62
H	42.39	21.22	41.95	25.61676	84.73	0.52	162.94
H	8.93	1.56	11.36	25.62328	84.25	0.52	162.02
H	11.88	3.79	7.46	25.64662	84.46	0.52	162.42
H	40.19	36.79	2.99	25.67983	84.29	0.52	162.10
H	37.48	1.54	36.56	25.68259	84.22	0.52	161.96
H	41.73	9.80	38.87	25.70405	84.52	0.53	159.47
H	29.96	10.34	3.82	25.71302	84.81	0.52	163.10
H	9.97	36.79	40.91	25.71307	84.48	0.52	162.46
H	2.65	18.56	8.37	25.73186	84.77	0.52	163.02
H	43.07	7.76	34.13	25.73977	84.33	0.52	162.17
H	5.56	32.66	41.52	25.77478	84.07	0.52	161.67
H	42.07	4.59	21.16	25.82378	84.41	0.52	162.33
H	4.20	8.52	9.45	25.83599	84.34	0.53	159.13
H	41.87	42.38	7.59	25.83899	83.79	0.52	161.13
H	15.41	14.98	1.45	25.87398	85	0.52	163.46
H	12.83	25.29	1.43	25.89869	84.74	0.52	162.96
H	0.96	34.83	24.65	25.91227	85.53	0.52	164.48
H	43.71	8.69	18.93	25.9173	84.68	0.52	162.85
H	33.19	8.95	5.54	26.06391	84.18	0.52	161.88
H	15.87	3.26	5.85	26.09844	84.62	0.52	162.73
H	39.56	8.37	11.22	26.11728	84.52	0.52	162.54
H	7.48	41.29	10.76	26.12217	84.47	0.52	162.44
H	39.44	39.31	43.21	26.16941	84.07	0.52	161.67
H	38.44	44.44	40.19	26.1743	84.06	0.52	161.65
H	9.44	2.32	9.26	26.21919	84.31	0.52	162.13
H	6.36	0.12	38.47	26.24938	84.21	0.53	158.89
H	5.87	40.90	12.82	26.26701	84.21	0.52	161.94
H	6.84	29.17	5.80	26.29787	84.76	0.52	163.00
H	3.93	37.98	13.70	26.32665	84.62	0.52	162.73
H	1.76	15.43	44.33	26.33755	84.46	0.52	162.42
H	42.58	44.33	36.83	26.34131	84.17	0.52	161.87
H	29.87	40.84	0.06	26.36818	84.22	0.52	161.96
H	2.63	5.89	40.90	26.4247	84.17	0.53	158.81
H	10.46	33.97	2.91	26.44814	84.8	0.52	163.08
H	44.35	7.53	20.72	26.46949	84.55	0.53	159.53
H	2.86	37.15	31.32	26.47387	84.59	0.52	162.67
H	34.06	2.66	9.75	26.48246	84.4	0.52	162.31
H	11.90	27.36	1.11	26.49721	84.78	0.52	163.04
H	35.00	11.95	4.16	26.53846	84.06	0.52	161.65
H	16.59	37.78	0.37	26.53861	84.67	0.52	162.83
H	39.34	35.90	1.04	26.55716	84.12	0.52	161.77
H	35.32	38.60	0.13	26.59564	84.12	0.52	161.77
H	3.87	28.15	44.49	26.62892	84.59	0.53	159.60
H	8.91	4.98	6.88	26.6324	84.39	0.52	162.29
H	14.44	37.29	1.09	26.66424	84.61	0.52	162.71
H	39.57	42.95	4.83	26.68576	83.91	0.52	161.37
H	29.38	11.72	2.08	26.70478	84.54	0.52	162.58
H	42.40	2.91	29.93	26.70741	84.63	0.52	162.75
H	8.33	13.34	3.49	26.71403	84.57	0.53	159.57
H	44.49	42.08	37.63	26.7387	84.29	0.52	162.10
H	36.75	13.30	3.61	26.73876	84.22	0.52	161.96

H	21.39	5.97	2.79	26.77524	84.56	0.52	162.62
H	34.35	0.93	41.74	26.79633	84.54	0.52	162.58
H	43.13	5.50	34.12	26.80085	84.07	0.53	158.62
H	42.55	11.25	10.21	26.80907	84.28	0.52	162.08
H	9.48	20.23	2.30	26.82947	84.86	0.52	163.19
H	0.90	28.86	41.14	26.90518	84.54	0.53	159.51
H	28.49	6.63	3.52	26.90529	84.64	0.52	162.77
H	3.61	1.79	38.72	26.91481	84.37	0.52	162.25
H	17.51	43.73	43.38	26.92487	84.01	0.52	161.56
H	12.50	41.98	4.56	26.9306	84.26	0.52	162.04
H	22.81	41.89	0.06	26.94277	84.22	0.52	161.96
H	24.11	12.04	0.45	27.00637	84.66	0.52	162.81
H	43.37	11.39	39.84	27.04064	84.52	0.53	159.47
H	2.64	32.98	11.40	27.05248	84.99	0.53	160.36
H	2.32	16.81	6.91	27.0547	84.82	0.52	163.12
H	17.87	10.51	0.80	27.05565	84.61	0.52	162.71
H	4.05	2.91	12.04	27.08373	84.25	0.52	162.02
H	37.87	2.41	12.68	27.09759	84.69	0.53	159.79
H	1.58	31.05	40.80	27.16736	84.53	0.52	162.56
H	5.40	11.58	5.23	27.19968	84.31	0.53	159.08
H	10.22	22.32	1.80	27.20203	84.73	0.52	162.94
H	27.16	7.84	2.14	27.27546	84.49	0.53	159.42
H	35.96	1.27	11.53	27.28195	84.66	0.53	159.74
H	34.99	7.55	5.80	27.28577	84.24	0.52	162.00
H	7.29	18.02	2.84	27.30959	84.69	0.52	162.87
H	35.09	3.94	8.18	27.31091	84.45	0.52	162.40
H	23.23	1.71	4.98	27.32853	84.53	0.53	159.49
H	42.50	12.67	7.47	27.36233	84.16	0.52	161.85
H	1.92	0.30	18.62	27.38842	84.5	0.53	159.43
H	7.46	11.20	3.72	27.41493	84.38	0.53	159.21
H	5.14	22.85	4.47	27.45908	84.58	0.52	162.65
H	11.45	35.14	1.20	27.47109	84.64	0.53	159.70
H	3.24	39.17	32.89	27.47713	84.6	0.52	162.69
H	6.72	2.48	43.86	27.49814	84.11	0.53	158.70
H	14.24	13.46	0.18	27.60138	84.78	0.52	163.04
H	44.60	22.59	3.01	27.637	84.44	0.52	162.38
H	9.16	38.40	42.35	27.77672	84.41	0.53	159.26
H	3.36	42.80	28.40	27.78813	84.81	0.53	160.02
H	8.91	42.14	39.71	27.8163	84.36	0.53	159.17
H	2.04	30.15	9.77	27.82523	85.04	0.53	160.45
H	28.71	2.32	5.13	27.86307	84.65	0.52	162.79
H	2.05	36.94	12.97	27.87526	84.5	0.52	162.50
H	40.36	41.33	43.74	27.90636	83.93	0.53	158.36
H	11.16	20.50	0.43	27.91851	84.77	0.52	163.02
H	42.60	44.41	6.70	27.91871	83.69	0.52	160.94
H	0.33	1.67	17.75	27.92573	84.56	0.52	162.62
H	3.77	41.56	13.66	27.95591	84.48	0.53	159.40
H	10.55	9.25	2.20	27.96275	84.18	0.53	158.83
H	1.25	13.09	7.32	27.97744	84.1	0.52	161.73
H	8.04	44.31	36.94	28.01625	84.14	0.52	161.81
H	21.22	3.69	2.63	28.04135	84.45	0.52	162.40
H	39.05	15.05	1.68	28.21017	83.96	0.53	158.42
H	41.47	0.41	19.45	28.21158	84.9	0.52	163.27
H	6.24	33.94	4.36	28.22263	84.72	0.53	159.85
H	11.84	7.35	2.13	28.25139	84.2	0.52	161.92
H	5.61	39.28	38.78	28.31576	84.22	0.53	158.91
H	44.32	32.66	1.42	28.32824	84.14	0.52	161.81
H	4.94	41.10	9.92	28.33145	84.05	0.52	161.63
H	4.88	2.64	9.23	28.34246	84.35	0.52	162.21
H	5.94	29.14	3.71	28.36404	84.84	0.52	163.15
H	11.63	38.45	1.18	28.37017	84.26	0.53	158.98
H	41.08	11.96	5.18	28.37677	84.05	0.52	161.63

H	5.19	21.06	3.01	28.38755	84.66	0.52	162.81
H	1.97	3.55	11.28	28.47718	84.02	0.52	161.58
H	43.20	41.52	4.00	28.48141	84	0.52	161.54
H	10.45	43.00	4.64	28.51061	84.37	0.52	162.25
H	9.74	5.00	3.89	28.5627	84.24	0.52	162.00
H	7.19	6.60	4.33	28.61944	84.27	0.52	162.06
H	0.59	40.46	23.74	28.6334	84.81	0.52	163.10
H	7.06	0.22	43.75	28.63393	84.42	0.53	159.28
H	12.87	2.57	3.83	28.80234	84.44	0.52	162.38
H	3.91	42.15	34.87	28.96248	84.48	0.52	162.46
H	5.29	3.49	7.10	29.0277	84.22	0.52	161.96
H	4.43	9.82	4.16	29.05619	84.34	0.53	159.13
H	4.95	44.21	34.49	29.06354	84.34	0.52	162.19
H	1.38	26.54	6.56	29.0746	84.36	0.52	162.23
H	35.92	8.62	3.56	29.10457	84.14	0.52	161.81
H	6.97	33.45	2.21	29.11462	84.75	0.53	159.91
H	6.05	16.63	1.50	29.13389	84.47	0.52	162.44
H	1.77	24.61	5.42	29.13753	84.48	0.52	162.46
H	14.80	3.19	2.37	29.17365	84.57	0.52	162.63
H	1.74	13.18	5.12	29.18585	84.16	0.53	158.79
H	0.59	41.59	20.58	29.23526	85.02	0.52	163.50
H	16.96	3.41	1.68	29.26017	84.67	0.52	162.83
H	3.96	39.75	8.38	29.2755	84.24	0.52	162.00
H	44.29	4.64	15.36	29.32512	83.96	0.53	158.42
H	24.37	0.18	3.72	29.37675	84.54	0.53	159.51
H	6.05	39.53	41.03	29.39752	84.23	0.53	158.92
H	40.38	9.79	5.02	29.45735	84.28	0.52	162.08
H	11.85	43.15	2.18	29.51835	84.15	0.52	161.83
H	1.31	31.53	8.05	29.59852	84.92	0.53	160.23
H	44.13	5.65	13.29	29.60208	84.26	0.53	158.98
H	38.30	5.20	6.47	29.6264	84.45	0.53	159.34
H	1.99	36.44	40.44	29.62756	84.29	0.53	159.04
H	42.46	43.41	3.02	29.64104	83.82	0.51	164.35
H	0.40	36.61	37.75	29.64626	84.13	0.52	161.79
H	9.83	39.85	1.38	29.71476	84.33	0.53	159.11
H	44.40	7.15	40.80	29.71547	84.06	0.53	158.60
H	7.50	42.16	41.52	29.83011	84.45	0.53	159.34
H	40.61	15.60	0.09	29.89288	84.02	0.52	161.58
H	30.34	1.38	3.80	29.89838	84.61	0.52	162.71
H	13.31	42.94	0.44	30.00456	84.43	0.52	162.37
H	41.58	5.76	44.22	30.01367	84.23	0.53	158.92
H	6.50	22.43	0.48	30.02052	84.8	0.52	163.08
H	43.08	1.39	15.35	30.0822	84.22	0.52	161.96
H	10.75	2.63	2.97	30.0954	84.61	0.52	162.71
H	1.05	43.18	29.29	30.09932	84.58	0.53	159.58
H	0.39	7.24	7.49	30.11817	84.01	0.52	161.56
H	0.27	43.12	22.29	30.12576	84.73	0.52	162.94
H	38.63	1.62	44.22	30.15879	84.15	0.52	161.83
H	44.27	37.05	0.09	30.26884	83.72	0.52	161.00
H	42.85	2.37	40.05	30.36288	84.12	0.52	161.77
H	1.03	2.37	43.10	30.46079	84.09	0.52	161.71
H	37.07	9.34	1.73	30.56633	84.07	0.52	161.67
H	28.68	3.22	1.01	30.67322	84.56	0.52	162.62
H	31.58	4.43	1.34	30.69455	84.41	0.52	162.33
H	41.58	0.43	40.44	30.73198	84.24	0.52	162.00
H	5.57	6.43	2.68	30.7613	84.44	0.52	162.38
H	1.76	36.73	6.90	30.79992	84.12	0.52	161.77
H	26.78	2.02	0.90	30.95461	84.53	0.52	162.56

[a]distance to the nearest electron spin.

Table S9. Coordinates and polarizations calculated for the second TEKPol conformation

	x / Å	y / Å	z / Å	d^A / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	26.38	28.60	22.76				
e	20.70	18.19	26.40				
H	24.61	30.02	22.49	2.274965	117.61	0.28	420.04
H	28.36	27.33	22.87	2.364527	111.77	0.28	399.18
H	25.47	28.38	20.54	2.405267	110.72	0.3	369.07
H	25.80	29.50	24.93	2.417275	115.08	0.29	396.83
H	21.47	15.81	26.06	2.531523	107.48	0.33	325.70
H	18.62	19.59	26.01	2.536899	109.88	0.33	332.97
H	19.36	20.10	27.61	2.630725	108.91	0.33	330.03
H	20.78	16.39	24.47	2.646915	107.11	0.34	315.03
H	21.50	20.12	28.15	2.721481	107.75	0.34	316.91
H	23.18	17.03	27.22	2.856541	105.6	0.34	310.59
H	29.10	29.24	23.63	2.934129	108.94	0.31	351.42
H	25.47	26.58	20.81	2.952571	110.04	0.31	354.97
H	23.62	18.76	26.75	2.996834	105.5	0.35	301.43
H	23.51	29.29	23.64	3.073825	114.76	0.3	382.53
H	21.65	18.42	23.32	3.23414	101.66	0.37	274.76
H	20.58	20.24	23.90	3.235201	102.15	0.37	276.08
H	22.78	20.59	27.06	3.244658	106.51	0.34	313.26
H	27.67	30.68	24.92	3.266104	110.61	0.31	356.81
H	27.96	25.81	23.82	3.386278	111.16	0.29	383.31
H	23.67	27.38	24.39	3.38956	108.99	0.33	330.27
H	24.91	27.11	25.62	3.54802	110.18	0.31	355.42
H	26.36	28.43	26.34	3.589251	111.94	0.3	373.13
H	21.29	21.63	24.72	3.874152	100.63	0.38	264.82
H	26.26	25.99	25.70	3.938044	109.78	0.31	354.13
H	23.05	26.47	22.96	3.962593	103.21	0.36	286.69
H	23.41	18.12	23.51	3.963223	99.35	0.38	261.45
H	28.39	28.18	19.35	3.975951	103.21	0.35	294.89
H	28.33	27.42	26.01	3.978391	107.21	0.33	324.88
H	23.84	29.66	19.69	4.116	104.46	0.35	298.46
H	29.99	26.93	21.21	4.266473	104.5	0.34	307.35
H	28.11	29.90	26.46	4.287066	109.01	0.32	340.66
H	19.47	22.10	25.13	4.290233	100.25	0.38	263.82
H	16.82	17.77	28.30	4.34145	97.82	0.41	238.59
H	22.74	15.91	23.17	4.455578	97.02	0.4	242.55
H	22.52	30.55	21.60	4.474064	105.79	0.35	302.26
H	29.88	26.97	25.12	4.529466	106	0.34	311.76
H	24.94	18.08	24.80	4.530748	97.77	0.39	250.69
H	19.39	22.19	28.27	4.599511	101.22	0.38	266.37
H	22.83	26.72	20.41	4.654773	100.01	0.38	263.18
H	21.78	28.90	22.00	4.665673	105.18	0.35	300.51
H	22.71	14.49	24.31	4.700086	97.21	0.4	243.03
H	17.98	22.04	26.22	4.72213	99.93	0.38	262.97
H	23.85	27.27	18.96	4.751427	100.27	0.37	271.00
H	30.97	29.78	23.11	4.752188	104.75	0.34	308.09
H	21.94	22.84	26.70	4.812909	100.21	0.38	263.71
H	21.76	22.51	28.44	4.890933	100.02	0.39	256.46
H	24.24	24.27	21.74	4.938776	98.92	0.39	253.64
H	25.52	17.02	26.18	4.963128	97.33	0.39	249.56
H	29.49	31.68	20.31	5.015065	91	0.43	211.63
H	24.69	15.12	25.34	5.150156	96.52	0.4	241.30
H	24.07	18.36	30.32	5.163942	93.49	0.42	222.60
H	16.86	14.67	26.07	5.21938	89.26	0.45	198.36
H	22.60	22.82	24.71	5.283464	100.03	0.38	263.24
H	20.47	13.54	23.77	5.350934	92.33	0.43	214.72
H	21.64	26.12	22.50	5.358167	102.04	0.36	283.44
H	22.23	29.16	26.35	5.511814	91.33	0.44	207.57
H	27.83	29.06	17.27	5.69576	101.74	0.36	282.61
H	25.66	23.03	21.66	5.728308	98.14	0.39	251.64
H	25.28	20.75	23.59	5.955983	96.9	0.4	242.25

H	23.76	15.72	21.90	5.971661	95.82	0.41	233.71
H	21.18	20.31	20.82	5.985927	96.64	0.4	241.60
H	14.72	18.34	27.07	6.023903	95.92	0.42	228.38
H	30.35	28.86	27.31	6.048112	92.65	0.42	220.60
H	24.32	20.60	30.69	6.100858	92.93	0.43	216.12
H	22.43	23.93	23.28	6.132841	99.55	0.38	261.97
H	22.11	18.35	20.25	6.313866	96.06	0.4	240.15
H	22.64	30.81	18.12	6.348406	92.22	0.43	214.47
H	15.71	20.53	23.22	6.365001	89.55	0.45	199.00
H	21.12	27.15	19.47	6.371071	97.36	0.39	249.64
H	23.14	12.81	28.97	6.436371	87.42	0.46	190.04
H	30.54	33.22	24.47	6.449266	87.21	0.46	189.59
H	17.91	24.01	26.01	6.462127	96.84	0.4	242.10
H	31.57	25.69	20.06	6.535999	91.76	0.43	213.40
H	23.92	34.64	22.02	6.555151	87.77	0.46	190.80
H	28.53	22.40	22.46	6.5726	95.6	0.41	233.17
H	24.43	21.01	21.69	6.635114	97.25	0.4	243.13
H	21.32	24.42	28.72	6.672386	97.91	0.4	244.78
H	25.74	22.22	24.62	6.677588	96.9	0.4	242.25
H	17.23	16.94	20.62	6.857439	86.62	0.46	188.30
H	23.69	34.18	19.77	6.873352	87.8	0.46	190.87
H	27.04	16.11	24.72	6.877876	93.96	0.42	223.71
H	28.68	22.60	20.23	6.909336	95.38	0.41	232.63
H	23.85	25.50	17.11	6.915907	95.04	0.41	231.80
H	18.77	12.91	22.33	6.942134	89.35	0.45	198.56
H	31.41	32.93	20.60	6.978212	89.83	0.44	204.16
H	23.15	22.22	21.24	6.985857	97.11	0.4	242.78
H	20.40	24.26	22.94	6.98746	98.56	0.39	252.72
H	22.75	11.52	27.12	7.016735	87.01	0.46	189.15
H	27.68	35.36	24.23	7.0358	85.34	0.47	181.57
H	16.87	12.60	28.33	7.049995	86.41	0.47	183.85
H	21.55	31.10	27.42	7.161707	88.67	0.45	197.04
H	33.40	30.30	23.59	7.2782	86.43	0.47	183.89
H	27.58	20.23	25.08	7.295536	94.87	0.42	225.88
H	16.79	15.13	31.86	7.374256	84.32	0.49	172.08
H	17.47	24.11	23.32	7.410853	95.67	0.41	233.34
H	30.45	24.92	27.75	7.425106	86.96	0.46	189.04
H	24.51	22.74	18.43	7.520803	94.95	0.41	231.59
H	32.88	24.89	23.96	7.589508	87.55	0.46	190.33
H	19.53	32.23	22.69	7.744828	86.85	0.46	188.80
H	19.31	21.82	33.20	7.82423	87.02	0.47	185.15
H	17.67	23.39	21.21	7.947121	95.58	0.41	233.12
H	15.33	24.02	27.56	8.004472	88.02	0.46	191.35
H	22.36	19.98	34.05	8.022765	84.84	0.48	176.75
H	26.30	12.54	24.38	8.211342	87.56	0.46	190.35
H	18.37	16.00	18.84	8.214971	86.85	0.46	188.80
H	25.33	15.67	20.08	8.236318	91.57	0.43	212.95
H	32.77	29.80	27.82	8.248375	86.85	0.46	188.80
H	24.77	11.09	25.29	8.262361	87.67	0.46	190.59
H	24.02	26.94	30.59	8.343644	86.91	0.47	184.91
H	23.37	34.86	27.45	8.384541	85.6	0.48	178.33
H	28.02	15.86	29.86	8.42302	86.11	0.46	187.20
H	30.01	31.37	29.90	8.477784	85.39	0.47	181.68
H	18.42	10.59	23.24	8.545909	88.05	0.45	195.67
H	31.48	35.31	24.22	8.549055	86.78	0.46	188.65
H	20.77	26.89	29.00	8.565932	90.05	0.45	200.11
H	19.12	27.87	27.27	8.576184	89.94	0.45	199.87
H	34.25	30.24	25.87	8.621496	86.28	0.47	183.57
H	20.27	31.66	17.49	8.627983	89.67	0.44	203.80
H	13.78	20.93	22.04	8.628925	87.31	0.46	189.80
H	15.10	23.30	30.54	8.638071	86.9	0.47	184.89
H	18.70	27.77	18.79	8.681577	90.42	0.44	205.50

H	20.00	24.65	32.17	8.68359	87.91	0.46	191.11
H	29.35	23.52	29.15	8.692698	86.42	0.47	183.87
H	24.17	31.33	14.78	8.718271	86.95	0.46	189.02
H	26.94	37.30	23.27	8.724768	85.19	0.48	177.48
H	17.58	26.45	26.02	8.832812	90.96	0.44	206.73
H	28.63	15.99	22.84	8.96926	91.6	0.43	213.02
H	20.60	17.81	35.36	8.970859	83.38	0.48	173.71
H	24.93	11.92	21.47	9.030142	86.95	0.46	189.02
H	16.82	15.45	34.08	9.034369	83.9	0.49	171.22
H	24.97	16.80	34.28	9.062388	83.71	0.48	174.40
H	25.49	14.77	33.31	9.076727	83.63	0.48	174.23
H	20.63	33.54	27.80	9.097876	86.48	0.47	184.00
H	28.76	30.19	31.41	9.111186	85.52	0.48	178.17
H	13.04	15.81	21.95	9.171342	85.24	0.48	177.58
H	15.03	20.38	33.29	9.188273	84.55	0.48	176.15
H	29.44	19.59	23.86	9.203561	94.06	0.42	223.95
H	22.50	29.82	14.49	9.208843	86.86	0.46	188.83
H	34.38	25.98	19.01	9.219326	87.07	0.47	185.26
H	18.41	30.18	18.29	9.266564	89.83	0.45	199.62
H	21.73	13.53	34.41	9.328447	82.95	0.48	172.81
H	25.25	19.13	18.30	9.333447	87.59	0.46	190.41
H	35.30	30.29	20.54	9.353201	84.14	0.47	179.02
H	32.95	32.12	17.07	9.374843	83.67	0.49	170.76
H	23.77	9.51	28.31	9.406694	86.54	0.47	184.13
H	29.94	16.76	27.63	9.428513	86.63	0.46	188.33
H	12.18	17.90	22.33	9.452658	85.11	0.48	177.31
H	20.37	11.88	33.49	9.497669	82.7	0.49	168.78
H	19.67	10.20	21.37	9.502006	88.06	0.45	195.69
H	20.65	35.28	26.35	9.503873	86.06	0.47	183.11
H	30.04	27.56	31.47	9.511661	85.67	0.47	182.28
H	27.75	15.39	20.65	9.521136	90.95	0.43	211.51
H	12.90	23.79	26.06	9.603448	85.93	0.47	182.83
H	17.60	32.36	21.41	9.639551	86.42	0.46	187.87
H	18.89	12.60	18.73	9.671737	86.03	0.47	183.04
H	28.78	21.35	30.80	9.725918	85.32	0.47	181.53
H	12.20	13.47	25.86	9.740555	83.58	0.49	170.57
H	22.67	8.65	26.50	9.74058	86.65	0.47	184.36
H	33.75	25.99	28.71	9.836267	84.85	0.47	180.53
H	16.33	19.76	35.08	9.840121	84.6	0.48	176.25
H	19.19	24.72	17.22	9.869132	87.27	0.46	189.72
H	11.16	19.84	28.53	9.909134	84.61	0.48	176.27
H	34.21	23.74	19.02	9.955534	86.99	0.47	185.09
H	33.66	22.34	25.53	9.999801	86.19	0.47	183.38
H	20.73	23.44	16.16	10.10357	86.99	0.46	189.11
H	19.67	36.25	22.48	10.17692	85.08	0.48	177.25
H	34.92	31.45	27.70	10.27183	85.95	0.47	182.87
H	23.97	26.09	13.07	10.2961	85.72	0.47	182.38
H	36.69	29.53	22.59	10.35891	84.35	0.48	175.73
H	12.93	12.34	22.82	10.36923	83.52	0.49	170.45
H	25.76	35.95	30.05	10.36975	84.22	0.48	175.46
H	27.84	22.49	32.58	10.3707	85.19	0.47	181.26
H	24.66	38.41	19.43	10.50026	83.9	0.49	171.22
H	16.56	30.23	26.42	10.59832	88.09	0.46	191.50
H	22.66	24.36	13.76	10.61995	85.89	0.46	186.72
H	23.19	38.68	21.50	10.64523	83.76	0.48	174.50
H	27.49	34.98	31.22	10.65044	84.1	0.48	175.21
H	27.10	11.14	21.50	10.7064	86.92	0.46	188.96
H	20.38	8.73	31.46	10.73532	83.13	0.49	169.65
H	24.35	37.73	28.08	10.7508	84.62	0.48	176.29
H	30.68	36.96	28.00	10.76754	83.71	0.49	170.84
H	30.88	26.69	13.10	10.82149	83.44	0.48	173.83
H	34.94	29.67	29.29	10.82393	85.79	0.47	182.53

H	29.59	19.63	17.61	10.82951	87.14	0.46	189.43
H	10.29	21.20	26.92	10.84782	84.56	0.48	176.17
H	24.38	11.15	19.00	10.86024	86.29	0.46	187.59
H	21.58	11.26	18.08	10.86482	85.99	0.46	186.93
H	32.44	35.10	16.44	10.90186	83.36	0.49	170.12
H	35.61	25.21	27.50	10.92138	84.93	0.48	176.94
H	26.80	36.92	15.65	10.9424	83.7	0.48	174.38
H	14.24	11.99	32.70	10.95514	83.01	0.5	166.02
H	29.85	12.68	29.08	11.01074	84.95	0.47	180.74
H	11.58	14.84	31.61	11.02188	83.3	0.49	170.00
H	27.83	22.95	13.39	11.03638	83.91	0.48	174.81
H	22.94	28.06	33.24	11.05018	84.72	0.49	172.90
H	15.27	12.47	18.62	11.0828	84.52	0.47	179.83
H	30.51	24.43	13.34	11.09744	83.55	0.48	174.06
H	24.93	18.38	16.14	11.10469	87	0.46	189.13
H	21.34	22.57	36.60	11.11229	84.15	0.49	171.73
H	29.07	26.22	33.28	11.11922	85.35	0.48	177.81
H	22.56	30.43	33.07	11.14684	84.51	0.48	176.06
H	26.37	10.12	31.63	11.16187	83.59	0.49	170.59
H	36.04	30.70	17.58	11.16193	83.79	0.48	174.56
H	12.41	10.77	27.34	11.16873	83.39	0.49	170.18
H	17.80	22.66	16.40	11.32932	86.64	0.46	188.35
H	16.30	28.63	28.01	11.36355	88.12	0.46	191.57
H	11.95	25.41	27.39	11.38355	85.78	0.47	182.51
H	32.52	37.43	18.89	11.4267	83.21	0.49	169.82
H	29.89	11.67	24.42	11.43626	85.41	0.47	181.72
H	32.00	22.04	30.31	11.482	85.28	0.47	181.45
H	20.09	32.09	13.79	11.48612	85.32	0.47	181.53
H	25.51	25.40	33.95	11.49343	84.37	0.48	175.77
H	27.65	13.56	34.39	11.55412	83.47	0.48	173.90
H	20.45	15.53	15.13	11.5896	84.89	0.48	176.85
H	16.15	8.79	31.44	11.59525	83.06	0.49	169.51
H	12.60	10.29	23.82	11.6104	83.62	0.48	174.21
H	16.24	13.45	16.77	11.62333	84.6	0.47	180.00
H	34.06	33.92	30.01	11.83065	84.69	0.47	180.19
H	18.25	8.04	31.97	11.8343	83.05	0.5	166.10
H	32.28	32.62	13.28	11.86202	83.34	0.48	173.63
H	24.23	24.69	35.69	11.86836	84.26	0.48	175.54
H	29.85	17.70	18.84	11.88008	87.3	0.46	189.78
H	27.43	35.78	13.32	11.90472	83.54	0.48	174.04
H	14.85	26.94	32.00	11.91748	85.14	0.47	181.15
H	21.41	14.67	37.79	11.94065	82.72	0.49	168.82
H	22.16	32.67	33.19	11.96643	84.35	0.49	172.14
H	18.25	16.55	38.04	12.00811	82.7	0.49	168.78
H	21.61	33.67	12.89	12.07458	85.33	0.47	181.55
H	23.24	11.01	17.03	12.08113	86.07	0.46	187.11
H	24.76	37.74	14.95	12.12122	83.63	0.49	170.67
H	15.94	27.80	16.59	12.14881	85.8	0.46	186.52
H	29.44	29.79	11.05	12.15835	83.22	0.49	169.84
H	29.30	40.43	23.01	12.18509	83.24	0.49	169.88
H	33.22	30.57	12.87	12.18722	82.95	0.48	172.81
H	21.32	39.63	24.09	12.19995	83.61	0.48	174.19
H	15.22	7.76	29.60	12.21147	82.96	0.5	165.92
H	10.47	16.42	32.82	12.21165	82.99	0.49	169.37
H	15.15	33.56	22.89	12.27021	85.3	0.47	181.49
H	14.55	19.54	15.84	12.29316	84.49	0.48	176.02
H	33.49	18.55	23.22	12.32397	85.98	0.47	182.94
H	8.51	19.13	24.75	12.34054	84.18	0.48	175.38
H	15.73	23.64	16.49	12.35681	86.24	0.46	187.48
H	32.83	25.22	12.73	12.39443	83.42	0.49	170.24
H	9.37	13.38	27.82	12.39562	83.35	0.49	170.10
H	17.96	6.08	25.90	12.42793	83.03	0.49	169.45

H	38.65	30.61	22.07	12.45094	84.25	0.48	175.52
H	30.78	38.58	16.66	12.49018	82.9	0.49	169.18
H	24.44	32.30	34.59	12.54239	84.06	0.48	175.13
H	12.69	12.63	34.31	12.5512	82.87	0.5	165.74
H	16.98	36.88	23.86	12.57055	84.86	0.48	176.79
H	9.86	23.24	30.30	12.5734	84.94	0.48	176.96
H	38.14	25.71	26.19	12.59615	84.47	0.48	175.98
H	17.68	34.22	15.52	12.63547	84.75	0.47	180.32
H	18.73	18.61	38.88	12.64365	82.65	0.49	168.67
H	34.03	21.15	29.55	12.6642	85.04	0.48	177.17
H	28.35	19.94	13.71	12.67624	84.48	0.48	176.00
H	31.01	10.91	28.21	12.75423	84.9	0.47	180.64
H	16.47	28.26	33.03	12.76763	84.9	0.48	176.88
H	20.79	39.38	18.78	12.77097	83.43	0.49	170.27
H	26.05	19.18	37.99	12.80329	82.54	0.49	168.45
H	14.31	8.53	20.93	12.81489	83.1	0.49	169.59
H	20.21	17.21	13.63	12.8161	85.04	0.47	180.94
H	11.53	24.40	19.88	12.85375	84.18	0.48	175.38
H	37.06	35.81	22.51	12.88776	82.93	0.49	169.24
H	29.35	39.64	28.72	12.89339	83.47	0.49	170.35
H	38.94	27.81	25.78	12.94713	84.47	0.48	175.98
H	23.88	6.89	20.95	12.94897	84.29	0.48	175.60
H	18.48	36.39	16.04	12.96145	84.49	0.48	176.02
H	22.05	36.00	32.52	12.99033	83.77	0.48	174.52
H	35.45	35.47	29.04	12.99527	84.56	0.47	179.91
H	15.41	34.44	18.84	13.02603	84.69	0.47	180.19
H	10.00	19.41	33.79	13.06265	83.14	0.49	169.67
H	8.91	12.56	25.76	13.08675	83.27	0.49	169.94
H	31.57	16.11	19.40	13.09513	87.25	0.46	189.67
H	11.56	18.56	17.03	13.0979	83.83	0.48	174.65
H	27.72	14.00	36.64	13.10409	83.75	0.48	174.48
H	24.83	16.03	14.11	13.14266	85.49	0.47	181.89
H	37.80	30.26	16.47	13.14374	83.8	0.48	174.58
H	35.73	28.48	31.99	13.14864	84.81	0.48	176.69
H	27.29	41.49	20.14	13.17869	83.07	0.49	169.53
H	21.70	22.49	38.84	13.1964	84.02	0.49	171.47
H	21.03	16.09	39.55	13.31437	82.72	0.49	168.82
H	12.97	29.06	26.78	13.34302	85.93	0.47	182.83
H	23.36	32.65	10.40	13.35011	83.98	0.48	174.96
H	23.68	30.43	35.72	13.36963	83.89	0.49	171.20
H	19.08	10.93	37.53	13.39033	82.14	0.5	164.28
H	27.80	8.52	32.38	13.40458	83.46	0.49	170.33
H	16.56	23.85	37.84	13.4162	83.22	0.49	169.84
H	38.63	23.81	20.11	13.42631	84.52	0.48	176.08
H	9.83	25.44	29.56	13.44076	85.17	0.48	177.44
H	31.57	10.32	25.16	13.47691	85.01	0.47	180.87
H	33.56	14.19	25.60	13.48699	84.51	0.47	179.81
H	30.58	28.17	9.95	13.48959	83.22	0.49	169.84
H	34.84	24.60	32.49	13.50311	84.2	0.48	175.42
H	24.83	11.05	37.10	13.50974	82.79	0.49	168.96
H	34.93	19.48	17.60	13.52609	84.57	0.48	176.19
H	35.03	24.92	13.03	13.5291	83.06	0.48	173.04
H	21.83	6.14	20.31	13.55198	84.22	0.48	175.46
H	11.58	25.06	33.74	13.57088	83.99	0.49	171.41
H	32.51	31.90	34.45	13.60481	83.41	0.48	173.77
H	34.20	20.08	15.51	13.65228	84.45	0.48	175.94
H	28.58	35.84	11.32	13.71793	83.4	0.49	170.20
H	10.65	23.06	34.40	13.73629	83.59	0.49	170.59
H	16.16	5.24	26.93	13.73915	83.32	0.48	173.58
H	18.52	39.20	18.90	13.74544	83.76	0.48	174.50
H	18.48	36.68	30.60	13.7501	83.2	0.49	169.80
H	12.56	28.85	21.81	13.8488	84.29	0.47	179.34

H	23.11	9.55	36.98	13.86563	82.65	0.49	168.67
H	19.88	4.45	24.64	13.88425	83.49	0.49	170.39
H	35.59	18.23	22.35	13.88451	85.93	0.47	182.83
H	14.99	20.70	13.94	13.93895	84.61	0.48	176.27
H	22.24	39.64	15.27	13.95758	83.42	0.49	170.24
H	26.74	6.01	23.12	13.98472	83.71	0.49	170.84
H	7.03	20.91	24.93	14.0208	84.01	0.48	175.02
H	13.07	31.29	26.31	14.02968	85.87	0.47	182.70
H	8.71	17.55	33.65	14.03207	83.24	0.49	169.88
H	13.37	33.68	24.25	14.04314	85.38	0.48	177.88
H	28.62	42.46	22.16	14.05297	83.26	0.49	169.92
H	14.67	14.56	38.56	14.05401	82.23	0.49	167.82
H	24.81	16.86	39.78	14.06179	82.67	0.49	168.71
H	18.84	23.00	12.27	14.07519	84.89	0.47	180.62
H	24.86	4.93	28.67	14.08034	82.94	0.49	169.27
H	19.89	27.95	10.24	14.11318	84.25	0.48	175.52
H	24.36	41.66	27.73	14.11659	83.66	0.49	170.73
H	27.97	22.60	10.07	14.12507	83.82	0.49	171.06
H	23.03	26.59	9.18	14.12642	84.33	0.48	175.69
H	22.52	40.77	28.81	14.12958	83.63	0.49	170.67
H	31.02	22.85	34.95	14.18628	84.64	0.47	180.09
H	8.51	13.14	21.08	14.22768	83.21	0.49	169.82
H	32.51	14.03	19.65	14.23153	86.78	0.46	188.65
H	33.27	17.13	33.04	14.25474	83.03	0.49	169.45
H	13.44	34.11	19.98	14.33129	84.63	0.47	180.06
H	10.50	9.52	31.69	14.39641	82.65	0.49	168.67
H	14.24	27.53	15.07	14.40256	85.66	0.47	182.26
H	14.65	31.19	30.74	14.41843	85.13	0.47	181.13
H	20.33	41.49	25.04	14.41856	83.79	0.48	174.56
H	21.51	24.04	9.93	14.45915	84.47	0.48	175.98
H	40.80	27.57	22.08	14.47347	84.23	0.49	171.90
H	16.29	5.68	32.31	14.52055	82.86	0.5	165.72
H	28.80	14.24	15.00	14.52715	84.42	0.48	175.88
H	22.37	38.24	32.91	14.559	83.89	0.48	174.77
H	8.76	26.49	25.58	14.56248	84.4	0.47	179.57
H	10.60	11.91	18.00	14.56526	83.35	0.49	170.10
H	27.81	18.20	39.15	14.59232	82.48	0.49	168.33
H	39.35	34.66	25.62	14.59883	83.33	0.48	173.60
H	19.08	29.22	35.88	14.62483	83.66	0.49	170.73
H	40.66	27.52	19.75	14.64064	84.17	0.48	175.35
H	14.39	6.25	20.74	14.65023	82.96	0.49	169.31
H	36.94	30.21	32.80	14.66616	84.8	0.48	176.67
H	29.18	42.15	17.83	14.67926	82.96	0.49	169.31
H	11.38	17.49	37.74	14.69435	82.9	0.49	169.18
H	38.09	36.05	17.85	14.72635	82.82	0.49	169.02
H	39.88	22.80	21.74	14.73555	84.52	0.48	176.08
H	27.11	27.26	8.10	14.74099	83.36	0.49	170.12
H	20.65	29.89	9.21	14.76383	84.18	0.48	175.38
H	10.27	16.97	16.02	14.76689	83.55	0.49	170.51
H	25.60	14.17	13.06	14.76968	85.42	0.47	181.74
H	29.34	39.39	32.43	14.79184	83.04	0.49	169.47
H	17.93	24.97	39.26	14.80172	83.03	0.49	169.45
H	10.52	28.28	22.68	14.81291	84.45	0.47	179.68
H	14.25	13.03	14.09	14.83163	83.87	0.48	174.73
H	29.12	12.12	15.80	14.84136	84.24	0.48	175.50
H	29.48	19.29	11.61	14.85194	84.41	0.48	175.85
H	38.06	37.77	23.21	14.8557	82.71	0.49	168.80
H	39.29	34.07	17.84	14.86327	82.92	0.49	169.22
H	20.37	11.02	39.43	14.87209	82.36	0.49	168.08
H	7.42	23.09	21.67	14.93153	83.53	0.48	174.02
H	29.40	6.16	24.67	14.94833	83.39	0.48	173.73
H	8.11	21.57	19.06	14.96126	83.17	0.49	169.73

H	16.40	6.37	34.52	14.97775	82.74	0.5	165.48
H	26.04	4.83	30.63	14.99833	83.02	0.49	169.43
H	27.53	25.48	37.61	15.01009	83.6	0.48	174.17
H	34.56	41.22	22.37	15.04278	83.15	0.49	169.69
H	38.24	21.80	29.03	15.04778	83.89	0.48	174.77
H	24.29	33.88	8.78	15.08966	83.71	0.48	174.40
H	23.43	18.50	11.55	15.10178	84.55	0.48	176.15
H	32.18	33.72	35.74	15.10982	83.27	0.49	169.94
H	35.53	15.32	25.34	15.13932	84.47	0.48	175.98
H	30.92	37.43	34.19	15.14113	83.03	0.49	169.45
H	11.02	27.37	19.23	15.14742	84.22	0.48	175.46
H	12.82	9.69	36.17	15.16261	82.41	0.49	168.18
H	34.30	14.13	31.91	15.22153	83.26	0.48	173.46
H	40.06	30.57	16.36	15.23295	83.52	0.48	174.00
H	21.75	20.87	10.45	15.25381	84.33	0.48	175.69
H	36.00	38.03	15.61	15.25386	82.31	0.49	167.98
H	36.67	26.94	11.59	15.2718	82.81	0.48	172.52
H	16.22	36.98	30.54	15.29857	83.25	0.49	169.90
H	33.25	22.42	34.95	15.30209	84.31	0.47	179.38
H	33.23	12.71	33.29	15.31123	83.13	0.48	173.19
H	31.61	9.43	32.63	15.31367	83.19	0.48	173.31
H	23.51	7.07	16.25	15.31812	84.49	0.48	176.02
H	5.78	15.50	28.63	15.32864	82.35	0.49	168.06
H	14.78	8.85	37.02	15.33741	82.38	0.49	168.12
H	25.86	29.04	7.38	15.39107	83.33	0.49	170.06
H	35.44	40.65	26.01	15.41843	83.01	0.49	169.41
H	9.60	16.25	36.96	15.44137	82.89	0.49	169.16
H	36.46	36.42	14.05	15.45031	82.44	0.49	168.24
H	16.55	29.51	10.85	15.46301	83.91	0.48	174.81
H	33.53	42.16	20.56	15.48923	83.13	0.49	169.65
H	21.50	2.88	24.19	15.48987	83.43	0.49	170.27
H	34.02	41.18	27.74	15.53691	82.96	0.49	169.31
H	30.31	6.11	28.42	15.5723	83.09	0.49	169.57
H	33.36	16.62	35.34	15.57726	83.1	0.49	169.59
H	12.40	30.73	30.49	15.58596	85.24	0.47	181.36
H	31.01	39.30	12.38	15.60119	82.51	0.49	168.39
H	9.74	7.16	27.91	15.62394	82.3	0.49	167.96
H	38.25	23.05	31.28	15.63414	83.85	0.48	174.69
H	36.57	24.74	34.01	15.67246	83.84	0.48	174.67
H	5.47	21.42	28.31	15.68221	83.6	0.49	170.61
H	6.24	15.21	21.12	15.68466	83.19	0.49	169.78
H	10.57	12.58	15.81	15.70047	83.51	0.48	173.98
H	11.36	22.18	14.43	15.7039	83.64	0.49	170.69
H	6.71	23.19	31.71	15.77251	83.54	0.48	174.04
H	16.88	23.49	11.24	15.77913	84.77	0.47	180.36
H	18.00	32.08	35.68	15.78693	83.6	0.49	170.61
H	27.59	31.00	38.33	15.80276	83.26	0.49	169.92
H	29.02	43.90	25.87	15.83156	83.27	0.49	169.94
H	16.73	8.05	37.90	15.83738	82.32	0.49	168.00
H	23.46	10.46	12.85	15.84241	84.49	0.48	176.02
H	36.41	32.65	11.17	15.85616	82.29	0.49	167.94
H	14.56	15.19	40.75	15.89315	82.44	0.49	168.24
H	22.45	5.24	35.49	15.91886	82.17	0.49	167.69
H	18.40	6.97	15.34	15.92737	83.04	0.49	169.47
H	29.24	40.68	12.77	15.93068	82.46	0.49	168.29
H	16.53	22.29	41.26	15.96341	82.83	0.49	169.04
H	21.70	41.82	15.08	15.97766	83.29	0.49	169.98
H	20.37	2.75	30.57	16.00211	82.88	0.49	169.14
H	13.14	7.78	16.85	16.02376	82.84	0.49	169.06
H	9.86	6.39	25.76	16.04195	82.63	0.5	165.26
H	35.79	13.10	28.42	16.04796	83.5	0.48	173.96
H	12.02	29.82	15.65	16.06351	84.52	0.47	179.83

H	19.01	13.67	41.72	16.06465	82.65	0.49	168.67
H	40.81	32.35	28.87	16.11782	83.66	0.49	170.73
H	26.52	44.17	18.57	16.12349	83.19	0.48	173.31
H	21.86	16.77	42.43	16.13325	82.59	0.49	168.55
H	38.73	19.74	28.18	16.14811	84.02	0.49	171.47
H	20.40	2.16	28.35	16.15359	82.79	0.49	168.96
H	29.94	10.30	15.76	16.15364	84.23	0.48	175.48
H	39.47	19.23	24.20	16.1636	84.18	0.48	175.38
H	26.57	25.30	39.70	16.18088	83.33	0.49	170.06
H	27.46	41.54	32.43	16.18605	82.93	0.49	169.24
H	15.99	28.32	38.21	16.2528	82.7	0.49	168.78
H	40.84	35.92	21.54	16.25446	82.5	0.49	168.37
H	17.00	8.19	13.99	16.36527	83.06	0.48	173.04
H	7.90	28.19	24.33	16.36902	84.46	0.47	179.70
H	34.99	21.42	10.78	16.40909	83.31	0.48	173.56
H	15.42	36.10	13.11	16.40989	83.67	0.48	174.31
H	18.80	17.86	10.03	16.48829	84.49	0.48	176.02
H	25.52	2.91	22.51	16.49046	83.62	0.49	170.65
H	40.63	25.86	30.61	16.50188	83.98	0.49	171.39
H	18.16	42.93	23.01	16.51207	83.47	0.48	173.90
H	21.73	21.88	42.50	16.5425	82.76	0.49	168.90
H	18.27	36.44	10.62	16.56836	83.44	0.49	170.29
H	8.89	8.68	33.07	16.56855	82.37	0.49	168.10
H	13.11	3.84	29.74	16.57376	82.59	0.49	168.55
H	36.60	34.95	11.34	16.5853	82.24	0.49	167.84
H	20.42	28.82	39.14	16.58878	83.23	0.49	169.86
H	18.42	2.45	21.61	16.61488	83.07	0.49	169.53
H	14.53	13.12	11.82	16.62417	83.95	0.48	174.90
H	36.24	27.36	9.42	16.63465	82.75	0.49	168.88
H	42.91	30.72	22.14	16.68325	83.28	0.48	173.50
H	24.94	38.39	9.30	16.70248	82.93	0.49	169.24
H	14.46	26.87	39.26	16.71726	82.68	0.49	168.73
H	19.58	35.40	9.07	16.72556	83.05	0.49	169.49
H	28.52	16.37	11.55	16.73176	84.51	0.48	176.06
H	31.71	9.70	17.10	16.73256	84.03	0.48	175.06
H	14.24	36.98	14.83	16.7415	83.62	0.48	174.21
H	28.28	42.87	14.17	16.75935	82.56	0.49	168.49
H	20.17	40.99	32.20	16.76627	83.17	0.49	169.73
H	4.27	14.75	27.08	16.80447	82.5	0.49	168.37
H	34.28	22.86	9.07	16.81996	83.01	0.48	172.94
H	21.49	19.13	43.19	16.83503	82.46	0.49	168.29
H	26.77	15.90	41.94	16.83833	82.58	0.49	168.53
H	16.79	40.56	15.72	16.8628	83.23	0.49	169.86
H	25.38	6.00	37.17	16.92328	82.26	0.49	167.88
H	15.89	40.61	28.49	16.93952	82.8	0.49	168.98
H	15.15	40.95	19.74	16.95774	83.07	0.48	173.06
H	13.28	37.38	29.06	16.97908	83.04	0.49	169.47
H	40.47	20.11	26.98	16.98585	83.86	0.48	174.71
H	40.54	28.56	32.13	16.98609	83.82	0.49	171.06
H	14.13	2.51	26.12	17.00406	82.45	0.48	171.77
H	33.25	28.00	38.31	17.01853	83.5	0.49	170.41
H	5.74	22.20	33.54	17.05238	83.51	0.49	170.43
H	34.48	26.21	37.61	17.08827	83.51	0.48	173.98
H	36.43	29.49	36.56	17.09602	83.12	0.49	169.63
H	40.95	24.75	14.61	17.13986	82.84	0.49	169.06
H	11.51	7.86	36.54	17.1539	82.5	0.49	168.37
H	16.81	42.71	24.83	17.16958	83.45	0.48	173.85
H	28.56	21.48	7.26	17.19756	83.36	0.48	173.67
H	22.22	7.66	12.89	17.20337	83.7	0.49	170.82
H	38.63	20.13	14.15	17.20656	82.87	0.49	169.12
H	23.92	38.51	36.64	17.22573	82.56	0.49	168.49
H	25.21	6.05	15.05	17.22904	84.22	0.49	171.88

H	21.73	27.73	40.73	17.24524	83.39	0.49	170.18
H	31.17	4.95	30.14	17.28882	83.16	0.49	169.71
H	21.80	7.94	40.29	17.29592	82.11	0.5	164.22
H	13.23	18.40	10.80	17.30013	83.61	0.48	174.19
H	11.73	3.78	23.03	17.30693	82.55	0.49	168.47
H	21.57	3.15	35.08	17.38476	82.58	0.49	168.53
H	6.56	21.03	36.12	17.38533	83.21	0.49	169.82
H	42.02	34.86	27.14	17.41499	83.27	0.49	169.94
H	10.27	24.14	13.78	17.41982	83.71	0.49	170.84
H	33.04	36.84	8.91	17.44162	82.34	0.49	168.04
H	27.49	22.36	41.92	17.44494	82.7	0.49	168.78
H	42.71	30.63	28.55	17.45024	83.5	0.49	170.41
H	35.61	37.79	34.39	17.46668	82.54	0.49	168.45
H	29.75	34.03	6.50	17.46752	81.97	0.5	163.94
H	33.32	13.91	37.70	17.46794	82.57	0.48	172.02
H	43.23	31.40	26.40	17.47379	83.39	0.49	170.18
H	33.58	8.20	32.75	17.49396	82.77	0.49	168.92
H	7.90	6.85	22.71	17.49993	82.41	0.49	168.18
H	41.46	35.13	16.73	17.50465	82.88	0.49	169.14
H	20.53	18.84	8.90	17.51739	84.47	0.48	175.98
H	10.85	4.16	30.04	17.52949	82.81	0.49	169.00
H	8.07	18.66	14.25	17.53268	82.86	0.49	169.10
H	5.15	20.79	18.73	17.53589	82.88	0.49	169.14
H	37.44	17.60	31.62	17.54012	83.34	0.49	170.08
H	4.12	23.89	27.01	17.54305	83.49	0.48	173.94
H	38.46	18.20	15.43	17.54668	82.6	0.49	168.57
H	14.70	28.82	9.65	17.55295	83.79	0.48	174.56
H	30.27	6.54	35.41	17.56186	82.75	0.49	168.88
H	8.66	11.99	37.60	17.5748	82.42	0.49	168.20
H	10.26	33.98	18.26	17.57521	83.62	0.48	174.21
H	25.42	37.37	37.98	17.59443	82.67	0.49	168.71
H	43.98	29.06	23.35	17.62459	83.46	0.48	173.88
H	9.39	28.75	17.92	17.64654	83.74	0.48	174.46
H	32.96	17.19	39.12	17.68625	82.43	0.49	168.22
H	35.88	39.52	32.94	17.70017	82.54	0.48	171.96
H	25.52	23.13	42.71	17.70646	82.88	0.49	169.14
H	39.15	21.70	32.90	17.70963	83.93	0.49	171.29
H	17.27	35.56	36.26	17.71009	82.47	0.5	164.94
H	16.61	2.09	20.25	17.71757	82.81	0.49	169.00
H	6.03	20.20	16.66	17.72417	82.97	0.49	169.33
H	42.88	35.04	21.87	17.73391	82.58	0.49	168.53
H	39.33	40.22	19.32	17.73395	82.39	0.49	168.14
H	15.16	18.30	9.55	17.74246	83.78	0.48	174.54
H	21.09	13.86	9.16	17.78794	83.23	0.49	169.86
H	17.91	14.49	43.58	17.79334	82.37	0.49	168.10
H	25.63	23.16	5.83	17.80055	83.08	0.49	169.55
H	37.31	13.07	22.57	17.8023	83.82	0.49	171.06
H	36.10	14.84	17.01	17.80373	83.43	0.49	170.27
H	12.53	5.56	16.84	17.8262	83.04	0.49	169.47
H	28.78	29.10	40.45	17.86216	83.36	0.49	170.12
H	11.08	23.02	40.67	17.87629	82.35	0.49	168.06
H	7.92	14.04	38.22	17.89681	82.41	0.49	168.18
H	37.95	13.56	27.82	17.9103	83.46	0.48	173.88
H	22.90	38.72	8.39	17.91388	82.79	0.49	168.96
H	5.27	9.65	29.69	17.94025	82.28	0.5	164.56
H	5.35	27.40	27.61	17.94076	83.55	0.48	174.06
H	11.90	33.96	13.57	17.95944	83.75	0.48	174.48
H	10.20	31.19	15.23	18.03295	84.26	0.48	175.54
H	11.80	23.41	11.60	18.04331	83.35	0.49	170.10
H	42.26	32.24	30.66	18.1049	83.64	0.48	174.25
H	33.45	11.63	37.47	18.11026	82.59	0.49	168.55
H	10.61	25.79	39.38	18.11314	82.47	0.49	168.31

H	4.84	11.04	31.49	18.12698	82.32	0.5	164.64
H	10.31	36.86	24.38	18.13351	82.98	0.49	169.35
H	8.19	6.47	20.45	18.14926	82.36	0.49	168.08
H	31.16	37.54	7.70	18.14975	82.3	0.5	164.60
H	31.10	3.45	24.18	18.17344	83.15	0.49	169.69
H	41.83	37.79	20.07	18.17483	82.42	0.49	168.20
H	33.09	14.60	13.31	18.17718	83.42	0.48	173.79
H	24.45	1.04	21.65	18.18801	83.34	0.49	170.08
H	39.44	34.39	34.04	18.20889	82.71	0.49	168.80
H	5.61	14.35	16.94	18.22496	82.82	0.49	169.02
H	15.85	22.84	43.37	18.24538	82.71	0.49	168.80
H	17.96	41.60	32.43	18.25467	83.04	0.49	169.47
H	20.25	22.31	44.19	18.26193	82.85	0.49	169.08
H	28.98	3.39	19.63	18.26222	83.05	0.49	169.49
H	36.73	41.58	15.11	18.27901	82.2	0.49	167.76
H	14.97	2.11	32.94	18.28201	82.27	0.5	164.54
H	32.94	35.60	7.18	18.29591	82.41	0.5	164.82
H	10.62	20.55	41.52	18.32141	82.26	0.5	164.52
H	37.05	17.31	34.65	18.33289	82.83	0.49	169.04
H	28.14	43.60	33.17	18.33766	82.64	0.49	168.65
H	38.73	15.18	20.86	18.33988	83.82	0.48	174.63
H	23.81	30.50	4.69	18.3417	82.87	0.49	169.12
H	30.90	4.58	19.55	18.3419	83.03	0.49	169.45
H	23.41	12.91	43.76	18.34625	82.3	0.49	167.96
H	38.31	41.63	17.79	18.35641	82.24	0.49	167.84
H	24.39	42.19	10.56	18.36241	82.54	0.49	168.45
H	4.63	25.56	21.41	18.36918	83.51	0.48	173.98
H	24.54	10.32	42.56	18.38139	82.48	0.49	168.33
H	6.49	27.80	33.06	18.39629	82.87	0.49	169.12
H	34.35	6.34	29.90	18.40865	82.91	0.49	169.20
H	34.43	32.67	38.85	18.45295	82.77	0.5	165.54
H	12.39	32.71	34.25	18.47433	83.23	0.49	169.86
H	12.67	35.99	12.79	18.48919	83.56	0.48	174.08
H	11.60	39.56	24.89	18.51624	82.91	0.49	169.20
H	17.05	42.80	15.28	18.5629	82.87	0.49	169.12
H	30.21	35.71	39.52	18.60313	82.75	0.49	168.88
H	14.10	3.98	36.45	18.61656	82.55	0.5	165.10
H	33.94	30.95	5.88	18.63953	82.44	0.49	168.24
H	12.84	41.00	26.13	18.66203	82.98	0.49	169.35
H	35.21	7.97	20.62	18.66716	83.08	0.48	173.08
H	9.37	29.45	36.09	18.68283	82.52	0.49	168.41
H	9.78	3.66	21.89	18.73392	82.7	0.49	168.78
H	33.15	26.85	5.38	18.73408	82.54	0.5	165.08
H	32.56	6.75	35.43	18.78453	82.73	0.49	168.84
H	37.98	32.21	8.35	18.84591	82.27	0.48	171.40
H	30.27	26.34	4.45	18.8504	82.71	0.49	168.80
H	33.32	4.21	25.56	18.85238	82.9	0.49	169.18
H	31.76	34.48	5.66	18.86501	82.16	0.5	164.32
H	43.48	20.90	24.97	18.89494	83.52	0.49	170.45
H	33.76	28.72	5.35	18.90966	82.67	0.49	168.71
H	15.57	37.22	35.67	18.90977	82.62	0.49	168.61
H	12.94	41.51	19.44	18.92939	83.09	0.48	173.10
H	24.10	35.19	5.14	18.94696	82.92	0.48	172.75
H	29.74	32.78	4.57	18.96379	82.17	0.5	164.34
H	29.36	42.36	35.48	18.97023	82.56	0.49	168.49
H	38.15	33.69	36.75	18.98036	82.77	0.49	168.92
H	40.12	39.78	29.57	18.9808	82.55	0.49	168.47
H	32.48	17.78	41.30	18.99604	82.6	0.49	168.57
H	18.87	11.81	8.59	19.00829	82.85	0.49	169.08
H	21.04	37.49	38.70	19.01998	82.49	0.49	168.35
H	5.10	19.38	37.22	19.02606	82.91	0.49	169.20
H	14.19	0.35	25.37	19.0274	82.5	0.48	171.88

H	14.00	41.87	28.53	19.03382	83.01	0.49	169.41
H	8.27	34.42	24.06	19.0603	83.16	0.48	173.25
H	12.05	38.31	30.77	19.07215	82.93	0.49	169.24
H	2.44	12.83	25.16	19.07231	82.56	0.49	168.49
H	9.06	5.13	34.04	19.09052	82.07	0.49	167.49
H	26.66	4.77	38.60	19.09097	82.09	0.49	167.53
H	34.85	34.92	38.68	19.1129	82.51	0.49	168.39
H	7.91	17.59	12.19	19.12518	82.73	0.49	168.84
H	4.85	16.31	15.84	19.14167	82.76	0.49	168.90
H	24.63	44.40	33.43	19.1417	82.3	0.49	167.96
H	20.58	28.12	4.51	19.14653	82.5	0.49	168.37
H	37.81	11.27	21.28	19.15455	83.46	0.49	170.33
H	27.11	1.58	19.34	19.15458	83.26	0.49	169.92
H	4.83	7.58	24.68	19.17461	82.45	0.49	168.27
H	44.43	23.84	27.14	19.17841	83.21	0.49	169.82
H	28.07	40.39	7.71	19.19103	82.76	0.49	168.90
H	39.49	37.11	33.92	19.20597	82.54	0.49	168.45
H	12.88	9.56	11.11	19.2203	82.72	0.49	168.82
H	43.72	20.76	20.09	19.22518	83.13	0.49	169.65
H	43.24	24.76	14.34	19.23288	83.09	0.49	169.57
H	11.82	25.46	10.55	19.25841	83.28	0.49	169.96
H	43.64	35.27	17.40	19.26461	82.86	0.49	169.10
H	27.25	0.16	28.23	19.27426	83.16	0.49	169.71
H	15.42	1.32	18.70	19.28304	82.8	0.49	168.98
H	1.62	18.48	29.20	19.28442	83.14	0.49	169.67
H	32.14	41.92	9.98	19.33221	82.42	0.49	168.20
H	33.42	44.42	31.37	19.33772	82.78	0.49	168.94
H	37.43	29.71	38.59	19.34216	82.95	0.49	169.29
H	25.58	36.94	5.29	19.37376	82.61	0.48	172.10
H	35.68	42.93	13.61	19.37495	82.24	0.49	167.84
H	7.15	28.89	17.60	19.37917	83.68	0.48	174.33
H	35.84	8.90	18.63	19.38592	83.15	0.48	173.23
H	9.75	35.26	30.22	19.40792	82.86	0.48	172.63
H	1.65	21.93	25.78	19.42229	83.4	0.48	173.75
H	26.22	7.10	41.37	19.42458	82.05	0.5	164.10
H	2.87	11.56	30.40	19.43767	82.11	0.5	164.22
H	16.26	0.26	32.43	19.4378	82.54	0.5	165.08
H	40.02	14.67	22.66	19.49644	83.94	0.48	174.88
H	17.39	33.20	6.07	19.50458	82.62	0.49	168.61
H	41.32	29.40	10.19	19.53722	82.16	0.49	167.67
H	21.96	6.25	41.83	19.55009	82.25	0.5	164.50
H	35.57	43.92	30.74	19.5647	82.66	0.49	168.69
H	12.10	1.94	19.72	19.56624	82.54	0.49	168.45
H	13.69	38.14	34.22	19.57283	82.49	0.5	164.98
H	24.37	14.60	7.51	19.57731	83.06	0.49	169.51
H	37.10	14.05	15.18	19.60135	83.13	0.49	169.65
H	7.99	33.77	18.24	19.61899	83.51	0.48	173.98
H	2.67	15.23	33.55	19.61919	82.41	0.49	168.18
H	34.00	12.44	13.18	19.62014	82.99	0.49	169.37
H	9.82	39.08	24.03	19.63089	82.89	0.49	169.16
H	16.89	5.83	41.19	19.65075	82.01	0.5	164.02
H	13.54	29.45	40.86	19.66828	82.91	0.49	169.20
H	22.42	1.14	16.75	19.67315	82.72	0.49	168.82
H	14.50	38.31	10.43	19.67634	82.83	0.48	172.56
H	35.17	6.06	32.00	19.69362	82.78	0.49	168.94
H	6.27	30.56	31.73	19.73628	82.64	0.49	168.65
H	16.92	25.26	44.44	19.74307	82.5	0.49	168.37
H	5.57	28.09	18.47	19.74671	83.63	0.48	174.23
H	9.00	14.94	41.99	19.75824	82.62	0.49	168.61
H	1.46	18.70	21.78	19.7953	82.89	0.49	169.16
H	5.89	9.45	36.25	19.81547	82.35	0.49	168.06
H	30.05	8.18	40.73	19.8251	81.94	0.5	163.88

H	43.02	39.12	25.11	19.82937	82.67	0.5	165.34
H	9.82	36.55	15.11	19.88915	82.99	0.49	169.37
H	24.61	40.92	38.29	19.90699	82.18	0.49	167.71
H	29.29	6.22	39.83	19.93458	81.94	0.49	167.22
H	12.27	6.80	12.38	19.93759	82.2	0.49	167.76
H	18.82	7.93	9.37	19.9775	82.1	0.49	167.55
H	14.99	3.47	14.13	20.00053	82.4	0.49	168.16
H	41.42	37.30	32.69	20.01921	82.32	0.5	164.64
H	8.46	20.07	42.13	20.02098	82.38	0.49	168.12
H	23.14	33.46	41.91	20.02483	82.59	0.49	168.55
H	41.43	34.44	10.90	20.02738	81.95	0.5	163.90
H	1.05	16.65	22.69	20.05671	82.74	0.49	168.86
H	25.39	22.00	3.84	20.06036	83.04	0.49	169.47
H	31.50	8.27	12.69	20.07452	82.86	0.49	169.10
H	2.04	11.38	23.45	20.08305	82.33	0.49	168.02
H	9.52	37.90	16.98	20.09661	83.09	0.49	169.57
H	24.83	31.44	2.91	20.1027	83.09	0.49	169.57
H	24.55	35.26	41.65	20.11763	82.59	0.49	168.55
H	23.73	43.96	35.51	20.14137	82.45	0.49	168.27
H	42.49	17.64	17.45	20.19748	82.81	0.49	169.00
H	2.88	8.61	26.82	20.23638	82.21	0.5	164.42
H	23.71	1.76	14.98	20.23752	82.81	0.5	165.62
H	17.58	31.38	4.69	20.28223	82.43	0.49	168.22
H	7.42	2.93	24.93	20.29087	82.31	0.49	167.98
H	24.56	7.42	9.60	20.32784	82.28	0.49	167.92
H	14.63	5.51	41.09	20.33336	82.02	0.5	164.04
H	27.20	6.01	11.45	20.35527	82.66	0.49	168.69
H	38.36	11.99	34.42	20.35716	82.06	0.49	167.47
H	20.68	35.51	4.46	20.36886	82.62	0.49	168.61
H	12.96	2.02	36.13	20.3994	82.62	0.5	165.24
H	29.49	42.13	37.75	20.43169	82.5	0.49	168.37
H	19.17	33.85	4.36	20.44195	82.5	0.49	168.37
H	12.60	9.03	42.81	20.46577	81.85	0.5	163.70
H	2.64	26.62	21.77	20.46808	83.53	0.49	170.47
H	5.33	26.54	37.11	20.50884	82.78	0.49	168.94
H	1.77	19.37	34.23	20.52232	83	0.48	172.92
H	28.65	9.80	9.44	20.52584	82.44	0.5	164.88
H	40.39	26.38	7.89	20.5476	82.05	0.49	167.45
H	15.38	0.98	16.49	20.5668	82.69	0.49	168.76
H	5.20	27.27	16.37	20.5755	83.57	0.48	174.10
H	7.10	35.16	25.89	20.60443	83.15	0.48	173.23
H	40.02	41.95	30.56	20.61961	82.12	0.49	167.59
H	27.90	13.48	7.63	20.64823	83.03	0.49	169.45
H	3.42	7.22	29.31	20.67352	82.59	0.5	165.18
H	38.08	18.99	37.57	20.67615	82.53	0.49	168.43
H	24.33	19.88	4.11	20.68385	83.2	0.49	169.80
H	38.08	7.18	24.10	20.70439	82.83	0.49	169.04
H	41.61	42.41	25.21	20.70716	82.84	0.5	165.68
H	30.57	21.02	3.93	20.72026	82.87	0.49	169.12
H	16.01	13.43	6.78	20.72656	82.37	0.49	168.10
H	9.14	6.76	13.54	20.73056	82.28	0.49	167.92
H	1.95	25.81	30.98	20.74447	83.11	0.49	169.61
H	29.39	27.68	2.25	20.7453	82.56	0.49	168.49
H	17.03	8.65	44.49	20.77871	82.25	0.5	164.50
H	34.08	40.39	38.04	20.77961	81.92	0.49	167.18
H	13.60	37.57	36.50	20.79419	82.49	0.5	164.98
H	40.84	26.60	37.59	20.81834	82.84	0.49	169.06
H	40.20	28.68	38.33	20.82634	82.93	0.49	169.24
H	32.48	41.94	37.56	20.83385	82.15	0.49	167.65
H	10.04	16.54	8.58	20.83615	82.48	0.49	168.33
H	4.66	15.17	39.39	20.85851	82.18	0.5	164.36
H	42.28	17.39	15.19	20.87759	82.63	0.49	168.63

H	34.72	6.77	15.95	20.88342	82.76	0.49	168.90
H	8.41	31.25	37.13	20.89892	82.66	0.49	168.69
H	30.64	36.52	41.62	20.89939	82.55	0.49	168.47
H	15.39	39.75	8.90	20.90129	82.86	0.48	172.63
H	17.90	22.96	4.49	20.91414	82.74	0.49	168.86
H	5.16	7.99	16.80	20.92541	81.99	0.49	167.33
H	30.60	21.86	44.48	20.92985	82.35	0.5	164.70
H	23.71	28.62	44.30	20.9312	82.73	0.48	172.35
H	3.22	29.63	27.78	20.9324	83.31	0.49	170.02
H	40.05	32.42	7.37	20.9353	82.11	0.49	167.57
H	28.75	15.36	6.71	20.93888	83.08	0.49	169.55
H	19.32	38.61	39.77	20.95673	82.34	0.5	164.68
H	34.93	15.09	9.20	20.9663	82.7	0.48	172.29
H	19.95	22.19	3.85	20.9776	82.86	0.49	169.10
H	1.64	16.60	35.03	20.98272	82.82	0.49	169.02
H	10.37	33.49	36.43	21.00501	82.56	0.49	168.49
H	40.35	43.84	26.48	21.00584	82.67	0.5	165.34
H	36.36	38.24	6.94	21.04259	82.08	0.49	167.51
H	42.73	26.76	9.60	21.07573	82.17	0.49	167.69
H	35.92	21.90	40.51	21.08192	82.48	0.5	164.96
H	33.04	5.58	14.87	21.08256	83.02	0.48	172.96
H	32.06	44.46	10.04	21.10261	82.33	0.49	168.02
H	9.99	23.65	9.03	21.12691	83.05	0.49	169.49
H	3.10	21.48	15.15	21.1473	82.38	0.48	171.63
H	14.03	35.03	6.82	21.16013	82.46	0.5	164.92
H	23.93	15.81	5.63	21.16062	83.07	0.49	169.53
H	41.95	40.73	15.12	21.16091	81.86	0.49	167.06
H	22.86	1.74	39.53	21.16335	82.37	0.5	164.74
H	18.25	1.61	39.33	21.17083	82.25	0.5	164.50
H	39.75	20.49	37.03	21.17785	82.4	0.49	168.16
H	32.54	20.82	43.79	21.19334	82.28	0.5	164.56
H	41.56	23.80	36.75	21.20454	82.56	0.49	168.49
H	39.90	17.05	11.20	21.20902	82.54	0.49	168.45
H	15.42	22.89	5.51	21.2143	82.82	0.48	172.54
H	4.55	31.75	23.87	21.24185	83.78	0.48	174.54
H	8.29	3.06	34.69	21.2565	81.91	0.49	167.16
H	14.02	31.63	41.46	21.2622	82.74	0.49	168.86
H	44.40	39.49	19.72	21.27232	82.35	0.49	168.06
H	24.69	43.76	7.92	21.27782	82.37	0.49	168.10
H	20.32	27.31	2.39	21.28574	82.43	0.49	168.22
H	10.77	43.05	23.82	21.28933	82.81	0.49	169.00
H	4.14	30.79	21.83	21.3021	83.62	0.48	174.21
H	36.50	3.91	27.52	21.33288	82.34	0.49	168.04
H	18.63	42.58	8.60	21.34766	81.83	0.49	167.00
H	3.41	8.76	18.13	21.36745	82.03	0.49	167.41
H	35.46	11.65	40.50	21.43063	82.54	0.49	168.45
H	26.20	5.08	42.45	21.43336	82.21	0.49	167.78
H	0.24	18.46	32.80	21.43592	83	0.49	169.39
H	35.10	37.32	5.21	21.4471	81.89	0.5	163.78
H	10.15	14.30	8.12	21.46544	82.66	0.49	168.69
H	8.57	36.72	31.58	21.46823	83.19	0.49	169.78
H	35.24	25.14	3.48	21.49818	82.19	0.49	167.73
H	43.17	38.94	14.17	21.51002	82.07	0.5	164.14
H	29.11	40.22	4.85	21.52413	82.23	0.5	164.46
H	30.30	11.13	8.47	21.53456	82.3	0.5	164.60
H	32.87	27.32	43.26	21.54244	82.3	0.49	167.96
H	29.98	32.63	43.61	21.54471	82.29	0.49	167.94
H	29.29	19.15	3.62	21.54805	82.61	0.49	168.59
H	23.43	40.83	40.26	21.55039	82.07	0.5	164.14
H	0.63	23.39	20.48	21.55948	83.38	0.49	170.16
H	34.12	1.70	22.56	21.61033	82.83	0.49	169.04
H	41.42	35.39	8.81	21.61179	82.15	0.49	167.65

H	8.73	5.32	38.99	21.61892	81.91	0.49	167.16
H	9.76	27.29	8.97	21.62663	82.75	0.49	168.88
H	44.03	19.28	14.42	21.63521	82.48	0.49	168.33
H	39.94	8.48	24.34	21.64839	82.93	0.48	172.77
H	38.84	14.14	37.54	21.66538	82.09	0.49	167.53
H	35.85	20.02	41.79	21.66945	82.29	0.5	164.58
H	31.88	2.93	37.04	21.70043	82.48	0.49	168.33
H	23.76	7.96	7.49	21.71798	82.41	0.49	168.18
H	3.50	9.05	36.02	21.72242	82.17	0.5	164.34
H	5.91	14.18	10.99	21.73637	82.63	0.49	168.63
H	7.42	13.65	43.01	21.74038	82.4	0.49	168.16
H	37.48	42.91	10.70	21.75477	81.85	0.49	167.04
H	39.00	29.88	5.08	21.75871	82.25	0.49	167.86
H	35.31	3.30	32.59	21.76164	82.73	0.5	165.46
H	37.62	43.60	33.86	21.78583	82.18	0.49	167.71
H	15.38	2.19	40.22	21.80415	82.2	0.5	164.40
H	4.11	4.87	31.22	21.81632	82.46	0.49	168.29
H	37.57	41.36	9.03	21.82647	81.86	0.49	167.06
H	10.32	8.89	43.20	21.8302	81.94	0.5	163.88
H	34.08	18.12	5.22	21.83137	82.08	0.49	167.51
H	12.30	33.07	40.03	21.85749	82.61	0.5	165.22
H	0.36	10.64	29.08	21.86175	82.41	0.5	164.82
H	31.08	6.17	11.37	21.86631	82.92	0.49	169.22
H	37.03	15.80	8.60	21.86736	82.78	0.48	172.46
H	33.10	25.03	43.28	21.89397	82.66	0.5	165.32
H	5.34	33.07	18.60	21.90521	83.41	0.48	173.77
H	4.11	4.61	21.85	21.91994	81.91	0.49	167.16
H	34.45	30.83	43.05	21.9517	82.5	0.5	165.00
H	43.78	17.96	30.95	21.97982	83.1	0.48	173.13
H	10.95	27.88	7.09	22.00438	82.6	0.49	168.57
H	9.54	41.64	28.37	22.02256	82.55	0.49	168.47
H	9.83	1.06	17.81	22.03374	82.08	0.49	167.51
H	8.36	34.27	11.40	22.03584	82.59	0.49	168.55
H	3.41	4.75	28.85	22.04191	82.56	0.5	165.12
H	18.76	44.56	9.60	22.04242	82.02	0.49	167.39
H	18.95	1.58	11.99	22.05936	82.12	0.49	167.59
H	35.57	12.46	10.84	22.07079	82.83	0.49	169.04
H	25.10	20.79	2.15	22.07217	83.1	0.49	169.59
H	10.78	44.20	21.85	22.07268	82.68	0.49	168.73
H	39.75	10.16	34.15	22.07559	82.22	0.49	167.80
H	40.49	19.50	8.40	22.09204	82.18	0.5	164.36
H	33.89	14.93	43.84	22.10786	81.89	0.49	167.12
H	0.35	26.87	26.94	22.13235	83.39	0.49	170.18
H	35.51	9.35	40.28	22.13247	82.38	0.49	168.12
H	4.32	31.12	19.01	22.13366	83.42	0.48	173.79
H	18.09	33.66	42.67	22.15513	82.77	0.5	165.54
H	19.36	6.56	7.57	22.17482	82.14	0.49	167.63
H	42.34	13.02	26.10	22.24696	82.57	0.49	168.51
H	13.31	1.89	13.18	22.25427	82.42	0.49	168.20
H	7.98	4.82	13.90	22.2932	82.32	0.49	168.00
H	23.00	39.59	3.64	22.30877	82.02	0.49	167.39
H	44.30	31.49	35.73	22.30961	82.41	0.49	168.18
H	0.33	25.04	32.46	22.32868	82.95	0.49	169.29
H	44.00	15.49	26.82	22.34525	82.68	0.49	168.73
H	42.15	16.47	12.58	22.35076	82.63	0.49	168.63
H	29.72	25.97	0.79	22.37318	82.45	0.49	168.27
H	32.85	1.67	35.37	22.38828	82.33	0.49	168.02
H	41.12	24.93	6.31	22.3926	82.07	0.49	167.49
H	14.15	13.65	5.48	22.39527	82.22	0.49	167.80
H	36.56	2.96	30.70	22.40326	82.56	0.49	168.49
H	37.01	3.98	20.57	22.40387	82.62	0.49	168.61
H	4.92	20.96	10.72	22.42285	82.21	0.49	167.78

H	27.51	4.06	10.34	22.45035	82.62	0.49	168.61
H	25.12	26.95	0.36	22.49379	82.81	0.49	169.00
H	5.65	16.14	9.81	22.49835	82.51	0.49	168.39
H	41.33	12.96	33.77	22.51732	82.27	0.49	167.90
H	6.17	1.14	24.16	22.52075	82.33	0.49	168.02
H	4.07	16.01	41.45	22.53487	82.19	0.5	164.38
H	18.59	31.96	44.12	22.53795	82.44	0.5	164.88
H	27.73	1.10	13.48	22.55163	82.67	0.49	168.71
H	6.88	27.91	11.43	22.5614	82.86	0.49	169.10
H	3.71	19.22	11.59	22.56311	82.34	0.49	168.04
H	18.58	40.84	5.45	22.58611	82.56	0.5	165.12
H	42.52	20.52	9.18	22.58671	82.33	0.49	168.02
H	13.71	43.56	11.52	22.59313	82.23	0.49	167.82
H	14.88	24.29	3.78	22.60226	82.87	0.49	169.12
H	1.47	13.86	15.35	22.60247	82.46	0.49	168.29
H	7.73	23.30	8.61	22.60418	83.06	0.49	169.51
H	39.52	34.97	40.02	22.61238	82.08	0.49	167.51
H	31.99	33.64	44.08	22.61788	82.08	0.49	167.51
H	4.05	28.15	38.13	22.66631	82.54	0.49	168.45
H	38.36	37.78	39.71	22.7014	82.43	0.5	164.86
H	38.84	23.71	41.10	22.71267	82.4	0.5	164.80
H	3.44	21.77	40.73	22.71763	82.35	0.49	168.06
H	5.08	26.71	12.25	22.73448	82.94	0.49	169.27
H	9.09	35.94	35.59	22.74565	82.72	0.49	168.82
H	12.50	5.57	9.35	22.7504	81.81	0.5	163.62
H	40.68	11.74	17.37	22.76264	82.62	0.49	168.61
H	38.16	29.85	42.21	22.77389	82.68	0.5	165.36
H	18.03	42.16	39.07	22.79505	82.26	0.5	164.52
H	14.57	37.57	40.09	22.80971	82.27	0.49	167.90
H	4.58	34.08	29.60	22.8629	82.41	0.49	168.18
H	35.76	41.56	6.42	22.86665	81.85	0.49	167.04
H	37.89	7.74	37.28	22.87018	81.96	0.49	167.27
H	40.01	11.85	15.21	22.88713	82.77	0.49	168.92
H	1.04	12.11	36.43	22.89444	82.06	0.5	164.12
H	12.58	34.14	5.33	22.90576	82.17	0.49	167.69
H	17.19	18.85	3.76	22.92608	82.77	0.49	168.92
H	4.98	36.21	19.51	22.93899	83.01	0.49	169.41
H	11.46	43.76	14.07	22.96872	81.93	0.49	167.20
H	43.90	22.83	9.04	22.99433	82.37	0.5	164.74
H	26.46	38.73	43.41	23.00596	82.01	0.49	167.37
H	36.09	2.87	18.79	23.01435	82.73	0.49	168.84
H	14.35	30.65	3.22	23.03408	82.61	0.49	168.59
H	28.17	0.57	39.22	23.03552	82.31	0.5	164.62
H	7.05	1.51	18.20	23.06106	82.08	0.49	167.51
H	36.97	7.79	13.78	23.07042	82.38	0.49	168.12
H	3.97	32.51	33.29	23.074	82.58	0.49	168.53
H	39.13	14.49	39.82	23.09484	82	0.49	167.35
H	21.04	38.29	2.48	23.09491	82.3	0.5	164.60
H	22.68	41.77	4.13	23.10605	82.31	0.49	167.98
H	17.81	44.00	37.72	23.11064	82.41	0.5	164.82
H	22.51	5.58	7.12	23.11268	82.06	0.49	167.47
H	26.64	40.75	42.44	23.12715	82.16	0.5	164.32
H	9.92	20.83	6.10	23.13836	82.32	0.49	168.00
H	39.83	42.35	35.62	23.14452	82.04	0.49	167.43
H	15.19	36.00	41.63	23.15139	82.25	0.5	164.50
H	1.69	7.44	34.08	23.15175	82.18	0.49	167.71
H	17.48	1.92	10.25	23.15331	82.07	0.49	167.49
H	8.45	34.03	9.10	23.1842	82.6	0.49	168.57
H	7.14	41.10	19.27	23.20098	82.29	0.49	167.94
H	18.95	17.45	3.28	23.20417	82.71	0.49	168.80
H	11.51	42.82	33.51	23.21559	82.52	0.49	168.41
H	42.87	12.62	19.31	23.2285	82.72	0.48	172.33

H	1.78	22.43	13.60	23.24112	82.44	0.49	168.24
H	33.44	5.25	40.92	23.24728	82.13	0.5	164.26
H	1.68	10.79	15.28	23.24891	82.47	0.49	168.31
H	43.29	13.60	17.29	23.26388	82.67	0.49	168.71
H	18.61	26.29	0.94	23.27421	82.64	0.49	168.65
H	6.98	3.83	38.70	23.36418	81.87	0.49	167.08
H	22.35	34.41	0.47	23.3758	82.51	0.49	168.39
H	10.11	0.63	15.15	23.39256	81.95	0.49	167.24
H	42.47	32.19	39.37	23.40358	82.29	0.49	167.94
H	18.91	37.55	2.38	23.47082	82.38	0.49	168.12
H	6.47	8.01	42.05	23.47757	82.05	0.5	164.10
H	16.73	39.84	4.52	23.49337	82.41	0.5	164.82
H	37.39	16.46	42.88	23.51102	81.77	0.49	166.88
H	12.82	42.63	9.60	23.52253	82.06	0.49	167.47
H	36.21	0.94	22.22	23.57334	82.68	0.49	168.73
H	20.07	34.59	0.84	23.57956	82.49	0.5	164.98
H	41.77	44.01	13.71	23.59071	81.85	0.5	163.70
H	39.36	9.37	37.87	23.6105	81.73	0.49	166.80
H	30.53	39.37	2.15	23.61847	82.41	0.5	164.82
H	6.67	2.23	16.03	23.64872	82.22	0.49	167.80
H	4.46	10.62	10.92	23.68271	82.16	0.49	167.67
H	41.06	29.63	4.20	23.68791	82.02	0.49	167.39
H	21.20	41.25	42.11	23.68927	82.07	0.5	164.14
H	23.22	44.23	40.29	23.70063	82.26	0.5	164.52
H	36.41	24.13	1.75	23.70515	82.18	0.5	164.36
H	43.97	21.92	37.20	23.72666	82.54	0.49	168.45
H	6.27	34.71	35.56	23.76374	82.46	0.5	164.92
H	10.87	8.54	7.03	23.7752	82.01	0.49	167.37
H	33.85	16.29	3.83	23.78205	82.19	0.49	167.73
H	4.54	23.28	43.21	23.86629	82.33	0.49	168.02
H	44.13	40.31	11.90	23.87779	81.85	0.49	167.04
H	4.52	11.63	42.70	23.88535	81.79	0.5	163.58
H	11.01	27.58	4.49	23.89179	82.68	0.49	168.73
H	35.80	10.55	9.54	23.8936	82.89	0.49	169.16
H	1.86	5.24	33.41	23.91206	81.93	0.5	163.86
H	3.06	2.59	21.84	23.99202	81.83	0.49	167.00
H	20.76	10.91	3.54	23.9949	82.15	0.49	167.65
H	10.70	41.78	35.36	24.04898	82.52	0.49	168.41
H	7.71	20.23	6.26	24.05279	82.4	0.49	168.16
H	13.44	41.66	38.28	24.05876	82.19	0.5	164.38
H	8.83	5.28	42.89	24.0731	81.9	0.5	163.80
H	43.09	15.25	34.79	24.08576	82.42	0.49	168.20
H	35.04	31.74	0.48	24.10587	82.56	0.5	165.12
H	3.58	34.26	31.90	24.11625	82.25	0.49	167.86
H	40.94	18.55	6.37	24.12389	82.19	0.49	167.73
H	5.17	30.33	40.34	24.13851	82.29	0.49	167.94
H	7.78	28.13	44.22	24.15268	82.6	0.49	168.57
H	40.51	6.47	19.02	24.17055	82.28	0.49	167.92
H	3.73	36.98	21.27	24.19281	82.74	0.48	172.38
H	5.01	6.75	40.83	24.19438	81.99	0.5	163.98
H	14.46	9.19	4.81	24.21733	81.78	0.49	166.90
H	38.60	1.88	26.60	24.2192	82.62	0.49	168.61
H	0.42	16.61	13.23	24.237	82.61	0.49	168.59
H	36.71	36.47	2.28	24.25023	82.2	0.5	164.40
H	42.49	30.40	40.79	24.2539	82.2	0.49	167.76
H	27.56	1.11	42.21	24.25998	82.13	0.5	164.26
H	8.96	7.62	7.97	24.27287	81.82	0.5	163.64
H	10.41	35.50	39.97	24.28403	82.21	0.5	164.42
H	10.82	2.07	41.65	24.29342	81.67	0.5	163.34
H	25.25	3.77	7.36	24.32202	82.08	0.49	167.51
H	37.31	20.31	2.66	24.33196	82.28	0.5	164.56
H	1.26	11.37	39.41	24.36411	81.9	0.49	167.14

H	37.46	34.35	1.82	24.37743	82.31	0.5	164.62
H	43.51	10.81	30.84	24.37815	82.16	0.5	164.32
H	27.86	17.24	1.23	24.3857	82.36	0.49	168.08
H	21.57	39.89	43.90	24.44591	81.99	0.5	163.98
H	1.25	30.33	17.84	24.47914	83.47	0.49	170.35
H	25.92	16.10	1.71	24.48462	82.25	0.49	167.86
H	13.71	12.96	3.52	24.49394	82.17	0.49	167.69
H	39.15	24.40	43.26	24.51755	82.52	0.49	168.41
H	24.32	9.45	3.78	24.52322	81.95	0.49	167.24
H	30.60	39.06	44.54	24.52778	82.3	0.5	164.60
H	36.94	2.85	36.55	24.53206	81.91	0.5	163.82
H	39.66	4.24	19.41	24.55949	82.5	0.49	168.37
H	12.31	39.99	39.40	24.58759	82.05	0.5	164.10
H	39.86	31.04	43.18	24.58984	82.46	0.49	168.29
H	32.68	0.13	14.74	24.61316	82.59	0.49	168.55
H	8.72	44.39	29.45	24.61443	82.32	0.49	168.00
H	19.97	12.74	2.39	24.63943	82.02	0.49	167.39
H	1.19	32.78	22.70	24.6423	83.12	0.49	169.63
H	22.54	44.37	4.17	24.67007	82.24	0.5	164.48
H	32.86	4.67	43.08	24.67353	82.05	0.5	164.10
H	38.03	4.60	37.60	24.70387	81.68	0.5	163.36
H	44.61	35.67	37.88	24.7206	81.89	0.49	167.12
H	7.91	30.37	43.74	24.74674	82.72	0.49	168.82
H	3.84	33.36	13.65	24.77001	81.9	0.49	167.14
H	38.22	43.95	38.19	24.77541	81.65	0.49	166.63
H	1.25	31.45	34.14	24.77908	82.44	0.49	168.24
H	5.14	0.29	33.58	24.78773	81.94	0.5	163.88
H	42.96	8.92	20.58	24.80851	82.38	0.49	168.12
H	43.32	40.64	36.31	24.81491	81.74	0.49	166.82
H	27.23	4.67	6.65	24.81624	81.95	0.49	167.24
H	4.81	40.29	26.69	24.84064	82.43	0.49	168.22
H	43.59	40.97	9.77	24.85092	81.86	0.5	163.72
H	37.91	7.84	11.74	24.86791	82.38	0.49	168.12
H	9.49	40.45	8.86	24.86885	82.18	0.49	167.71
H	31.14	0.13	12.86	24.86927	82.53	0.49	168.43
H	1.78	30.33	15.60	24.93878	83.13	0.48	173.19
H	22.07	3.53	6.27	24.94444	82.37	0.5	164.74
H	35.72	43.06	4.67	24.96648	81.83	0.5	163.66
H	41.52	5.57	20.86	24.97096	82.36	0.49	168.08
H	0.44	3.79	23.95	24.97998	81.74	0.49	166.82
H	37.85	17.97	3.25	25.00029	81.97	0.5	163.94
H	8.85	3.04	42.41	25.02617	81.84	0.5	163.68
H	35.49	38.04	44.13	25.08309	81.72	0.49	166.78
H	13.97	30.29	0.95	25.149	82.4	0.49	168.16
H	37.11	10.15	43.70	25.15759	81.75	0.49	166.84
H	8.88	28.30	4.58	25.23501	82.8	0.49	168.98
H	42.29	14.94	39.08	25.24349	82.35	0.49	168.06
H	0.47	29.45	36.57	25.28276	82.2	0.49	167.76
H	0.69	2.72	26.00	25.30046	81.93	0.5	163.86
H	23.87	43.58	2.46	25.34298	82.11	0.5	164.22
H	31.56	8.46	5.67	25.35113	82.03	0.5	164.06
H	43.19	43.29	34.79	25.36536	81.82	0.49	166.98
H	1.24	34.36	24.36	25.38005	83.19	0.48	173.31
H	8.83	1.42	11.50	25.3831	81.91	0.49	167.16
H	2.69	2.56	17.70	25.38602	81.87	0.49	167.08
H	33.17	11.66	5.09	25.40563	82.07	0.49	167.49
H	39.76	36.33	2.59	25.40647	82.11	0.5	164.22
H	9.90	18.35	3.39	25.41877	82.36	0.49	168.08
H	33.13	42.39	43.04	25.43369	81.96	0.5	163.92
H	5.15	42.34	25.73	25.45226	82.43	0.49	168.22
H	5.51	32.50	40.97	25.45263	82.29	0.49	167.94
H	38.84	10.23	10.20	25.50818	82.39	0.49	168.14

H	2.00	18.88	9.00	25.55075	82.28	0.49	167.92
H	6.53	34.61	7.81	25.5604	82.6	0.49	168.57
H	14.81	7.02	4.13	25.60884	82.01	0.5	164.02
H	43.01	22.66	41.31	25.61417	82.3	0.49	167.96
H	3.42	25.89	9.12	25.62524	82.63	0.49	168.63
H	8.00	34.96	6.05	25.62999	82.53	0.49	168.43
H	32.01	44.24	42.29	25.64422	81.95	0.5	163.90
H	44.07	8.28	22.46	25.68257	82.3	0.49	167.96
H	43.60	18.31	38.86	25.73083	82.32	0.5	164.64
H	39.31	16.03	44.10	25.76979	81.97	0.49	167.29
H	11.17	3.47	7.51	25.77424	82.06	0.5	164.12
H	43.51	9.11	34.28	25.78096	82.54	0.5	165.08
H	4.41	41.91	20.44	25.7822	82.12	0.49	167.59
H	3.30	9.18	9.60	25.81735	82.3	0.5	164.60
H	10.21	20.58	2.92	25.83124	82.12	0.49	167.59
H	42.99	26.09	42.41	25.85433	81.94	0.49	167.22
H	11.42	1.53	43.87	25.85996	81.75	0.5	163.50
H	17.25	2.44	6.17	25.86971	81.84	0.5	163.68
H	42.67	22.08	3.72	25.89506	82.24	0.49	167.84
H	15.97	36.02	0.20	25.92643	82.12	0.49	167.59
H	2.90	10.20	43.54	25.96874	81.57	0.5	163.14
H	18.21	42.35	43.24	25.98215	81.98	0.49	167.31
H	35.31	12.28	4.62	25.98687	82.16	0.5	164.32
H	1.27	35.45	27.96	26.03884	82.55	0.49	168.47
H	42.00	42.96	7.60	26.07495	81.82	0.5	163.64
H	7.91	41.74	9.86	26.07772	81.9	0.5	163.80
H	36.36	40.13	43.91	26.07842	81.95	0.5	163.90
H	41.95	20.87	42.22	26.10284	82.38	0.5	164.76
H	42.02	18.73	41.46	26.10443	82.21	0.5	164.42
H	42.68	38.01	40.91	26.14946	81.88	0.5	163.76
H	6.10	28.91	6.23	26.15887	82.55	0.49	168.47
H	43.05	6.89	34.04	26.18851	82.43	0.5	164.86
H	17.14	9.78	1.86	26.19098	81.96	0.5	163.92
H	2.40	17.02	7.68	26.20335	82.06	0.49	167.47
H	0.95	25.81	10.92	26.2245	82.62	0.49	168.61
H	29.24	9.10	3.31	26.24875	81.83	0.49	167.00
H	0.90	2.60	19.07	26.24907	82.19	0.49	167.73
H	42.16	40.83	39.84	26.27739	81.88	0.49	167.10
H	9.72	1.40	9.42	26.28492	81.69	0.49	166.71
H	5.49	0.15	38.00	26.29404	81.92	0.49	167.18
H	3.22	33.88	11.47	26.29493	82	0.48	170.83
H	33.32	7.12	6.10	26.34394	82.02	0.49	167.39
H	11.24	24.79	1.51	26.36009	82.46	0.49	168.29
H	11.45	40.51	4.57	26.37142	82.01	0.49	167.37
H	7.10	16.41	3.87	26.38123	82.26	0.49	167.88
H	5.27	41.85	31.49	26.4005	82	0.49	167.35
H	13.78	35.40	0.57	26.40274	82.36	0.49	168.08
H	16.06	41.50	43.36	26.40763	81.87	0.49	167.08
H	34.68	2.75	10.15	26.42069	82.36	0.5	164.72
H	3.28	38.05	13.93	26.46179	81.63	0.49	166.59
H	3.08	2.60	38.52	26.46315	82.16	0.5	164.32
H	6.52	10.19	5.51	26.489	81.39	0.5	162.78
H	8.56	37.43	40.31	26.52253	82.1	0.5	164.20
H	5.13	41.32	13.15	26.56447	81.87	0.5	163.74
H	24.15	9.51	1.50	26.59366	81.82	0.49	166.98
H	42.06	8.09	38.60	26.59397	81.58	0.5	163.16
H	39.36	35.35	0.54	26.60486	82.46	0.5	164.92
H	27.06	5.05	4.09	26.66909	81.99	0.49	167.33
H	41.76	3.05	32.61	26.67333	81.76	0.5	163.52
H	11.42	18.47	1.39	26.68061	82.21	0.49	167.78
H	12.86	12.05	1.63	26.69891	82.39	0.49	168.14
H	40.10	39.76	42.77	26.70606	81.88	0.49	167.10

H	0.28	8.96	11.87	26.71158	81.99	0.5	163.98
H	2.63	36.09	13.05	26.72173	81.86	0.49	167.06
H	3.09	2.22	13.95	26.84127	81.8	0.49	166.94
H	0.38	13.15	9.49	26.91965	82.11	0.5	164.22
H	41.76	10.92	9.48	26.93478	81.98	0.49	167.31
H	8.99	33.82	2.84	26.94809	82.23	0.49	167.82
H	39.31	43.24	4.18	26.95224	81.88	0.49	167.10
H	42.91	14.50	41.31	26.99638	82.44	0.49	168.24
H	39.05	9.03	43.97	27.00206	81.66	0.5	163.32
H	1.57	37.70	28.40	27.01856	82.57	0.49	168.51
H	2.42	30.78	10.30	27.08323	81.87	0.49	167.08
H	42.89	10.16	39.77	27.12753	81.69	0.49	166.71
H	4.95	22.15	4.67	27.13177	82.35	0.49	168.06
H	3.52	40.34	31.60	27.17519	82.25	0.49	167.86
H	8.25	4.35	6.37	27.34422	81.61	0.49	166.55
H	43.58	10.72	11.25	27.35439	82.09	0.5	164.18
H	39.50	10.79	6.67	27.35943	82.05	0.49	167.45
H	34.35	3.29	7.94	27.36693	82.33	0.5	164.66
H	32.71	44.40	1.31	27.38038	81.85	0.5	163.70
H	12.48	20.16	0.33	27.40636	82.2	0.49	167.76
H	41.48	1.75	19.34	27.42136	82.54	0.49	168.45
H	9.84	26.54	0.97	27.42833	82.58	0.49	168.53
H	7.77	9.60	3.68	27.51767	81.55	0.5	163.10
H	5.40	20.22	3.47	27.64307	82.59	0.49	168.55
H	10.08	43.01	39.94	27.7216	81.79	0.49	166.92
H	9.55	41.76	5.00	27.77309	81.86	0.49	167.06
H	43.35	2.78	30.96	27.77559	82.09	0.5	164.18
H	43.60	26.80	44.50	27.79962	81.82	0.49	166.98
H	1.66	33.65	39.51	27.80971	82.18	0.49	167.71
H	32.26	13.53	0.12	27.82497	81.98	0.49	167.31
H	2.59	0.44	37.96	27.8707	81.85	0.5	163.70
H	43.68	36.85	43.00	27.88359	81.98	0.5	163.96
H	29.35	9.91	1.16	27.94459	82.03	0.5	164.06
H	41.38	41.59	3.06	27.96033	81.85	0.5	163.70
H	5.58	2.05	43.55	27.98318	81.31	0.5	162.62
H	4.52	38.34	37.32	28.01026	81.43	0.5	162.86
H	0.60	36.49	33.26	28.03378	82.1	0.5	164.20
H	40.29	42.02	43.08	28.04518	81.79	0.5	163.58
H	35.00	44.36	1.21	28.05042	81.9	0.5	163.80
H	7.47	39.43	40.46	28.0698	82.01	0.49	167.37
H	27.79	0.96	5.38	28.09296	82.32	0.49	168.00
H	26.38	5.50	1.97	28.1121	82.1	0.49	167.55
H	39.71	13.57	3.06	28.13682	81.54	0.5	163.08
H	5.23	29.50	4.20	28.14897	82.48	0.49	168.33
H	15.12	0.43	5.29	28.15055	81.87	0.5	163.74
H	35.10	8.86	4.08	28.16149	81.96	0.5	163.92
H	2.48	42.54	28.07	28.17151	82.4	0.5	164.80
H	5.30	3.38	7.99	28.21263	81.55	0.49	166.43
H	43.24	5.46	15.09	28.24626	82.09	0.49	167.53
H	9.59	34.91	0.92	28.25682	82.2	0.49	167.76
H	0.51	40.00	24.61	28.32178	82.31	0.5	164.62
H	3.01	41.95	13.82	28.35667	81.88	0.5	163.76
H	8.27	41.65	40.27	28.36808	81.93	0.49	167.20
H	4.87	42.04	9.82	28.46794	81.77	0.49	166.88
H	7.40	44.58	36.74	28.48014	81.87	0.5	163.74
H	36.31	4.06	7.22	28.48181	82.28	0.5	164.56
H	1.15	38.24	31.90	28.50883	82.19	0.49	167.73
H	43.09	6.55	13.08	28.53571	81.99	0.49	167.33
H	38.22	0.31	40.24	28.60428	81.89	0.49	167.12
H	20.54	3.98	1.58	28.60745	82.17	0.49	167.69
H	5.75	16.09	2.09	28.6185	81.99	0.5	163.98
H	10.15	38.24	1.23	28.62599	82.02	0.49	167.39

H	43.77	20.03	1.69	28.63634	82.02	0.49	167.39
H	9.40	7.78	2.24	28.63827	81.63	0.5	163.26
H	0.03	13.23	7.21	28.63886	82.21	0.5	164.42
H	4.64	42.96	34.70	28.65842	82.03	0.5	164.06
H	2.86	0.52	12.49	28.70722	81.76	0.49	166.86
H	1.44	32.40	8.96	28.74618	81.81	0.49	166.96
H	38.56	9.02	5.57	28.76386	82.07	0.5	164.14
H	12.34	1.60	4.28	28.8912	82.08	0.5	164.16
H	40.31	6.24	44.03	28.94331	81.79	0.5	163.58
H	7.76	21.01	0.43	29.15231	82.13	0.49	167.61
H	39.38	1.56	11.40	29.16054	82.09	0.49	167.53
H	4.03	40.60	8.28	29.2004	81.7	0.49	166.73
H	40.64	43.46	2.05	29.20783	81.71	0.5	163.42
H	10.98	6.24	1.52	29.2671	81.39	0.5	162.78
H	13.77	3.35	2.02	29.38043	81.74	0.5	163.48
H	32.57	5.37	2.73	29.42014	82.19	0.49	167.73
H	42.52	1.60	15.71	29.4234	81.86	0.49	167.06
H	12.64	42.40	0.68	29.43299	81.75	0.49	166.84
H	8.63	4.17	3.31	29.59281	81.61	0.5	163.22
H	0.18	42.22	20.60	29.59894	82.26	0.49	167.88
H	2.99	6.18	5.95	29.60334	81.6	0.49	166.53
H	41.38	14.19	1.61	29.66128	81.74	0.49	166.82
H	0.29	26.33	6.47	29.66938	82.29	0.49	167.94
H	43.09	4.04	39.79	29.67835	81.55	0.49	166.43
H	30.90	3.82	2.48	29.71471	82.08	0.49	167.51
H	29.61	0.70	4.01	29.78358	82.02	0.49	167.39
H	0.02	5.76	43.86	29.78543	81.74	0.5	163.48
H	4.74	3.79	5.77	29.79666	81.5	0.49	166.33
H	0.36	3.72	10.12	29.80593	81.79	0.5	163.58
H	10.73	42.89	1.78	29.81294	82.01	0.49	167.37
H	6.70	19.03	0.08	29.824	81.99	0.49	167.33
H	3.97	39.77	38.98	29.82833	81.53	0.49	166.39
H	35.95	9.35	2.02	29.86826	81.74	0.49	166.82
H	20.49	1.66	1.52	29.87239	82.05	0.49	167.45
H	0.46	24.41	5.27	29.91628	82.22	0.49	167.80
H	15.73	2.25	1.56	29.93176	81.98	0.5	163.96
H	8.34	39.65	1.42	30.0391	81.98	0.49	167.31
H	1.32	35.10	7.28	30.15963	81.85	0.49	167.04
H	1.53	10.60	4.21	30.29176	82.08	0.5	164.16
H	37.30	4.12	5.21	30.37567	82.39	0.49	168.14
H	39.16	1.35	9.10	30.39034	82.23	0.5	164.46
H	10.27	1.18	3.40	30.44666	81.77	0.5	163.54
H	0.26	44.25	21.63	30.46612	82.2	0.49	167.76
H	42.43	1.85	40.28	30.52457	81.5	0.5	163.00
H	27.12	2.41	1.05	30.54194	82.06	0.49	167.47
H	41.30	4.47	8.35	30.63448	81.8	0.49	166.94
H	2.22	12.05	2.63	30.72995	81.95	0.49	167.24
H	41.08	6.10	6.78	30.76749	81.76	0.49	166.86
H	0.32	0.04	40.66	30.79169	81.71	0.5	163.42

[a]distance to the nearest electron spin.

Table S10. Coordinates and polarizations calculated for the third TEKPol conformation

	x / Å	y / Å	z / Å	d^A / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	26.60	28.78	22.95				
e	20.70	18.80	26.85				
H	18.85	20.20	27.37	2.371823	99.79	0.41	243.39
H	26.04	28.82	20.61	2.4049	102.42	0.38	269.53
H	26.13	29.39	25.31	2.478058	106.62	0.37	288.16
H	28.17	26.86	22.80	2.487332	106.08	0.38	279.16
H	25.15	30.30	21.54	2.535088	101.84	0.39	261.13

H	29.12	28.54	23.52	2.592921	104.44	0.38	274.84
H	20.97	16.26	26.32	2.607519	95.42	0.44	216.86
H	23.33	18.90	27.37	2.679281	94.98	0.43	220.88
H	24.30	30.32	23.13	2.773291	102.54	0.39	262.92
H	20.14	20.98	28.50	2.785444	96.55	0.43	224.53
H	25.95	27.01	20.90	2.78595	102.28	0.39	262.26
H	22.84	17.12	27.53	2.803835	95.52	0.43	222.14
H	28.21	30.22	24.75	2.806834	104.16	0.39	267.08
H	18.47	19.99	25.56	2.839834	98.69	0.42	234.98
H	20.63	16.85	24.64	2.94831	94.11	0.45	209.13
H	22.41	21.34	27.08	3.06549	92.56	0.45	205.69
H	23.72	27.85	24.17	3.257168	99.34	0.41	242.29
H	20.51	20.25	23.88	3.316187	91.76	0.46	199.48
H	21.62	18.56	23.62	3.369896	91	0.47	193.62
H	27.56	25.50	23.84	3.536562	104.5	0.38	275.00
H	26.73	28.08	26.44	3.557207	103.91	0.39	266.44
H	24.83	26.99	25.48	3.570587	101.68	0.4	254.20
H	21.46	22.56	26.18	3.888952	90.84	0.46	197.48
H	23.03	27.26	22.58	3.895664	94.7	0.44	215.23
H	21.00	21.83	24.38	3.92242	90.7	0.46	197.17
H	26.00	25.67	25.31	3.951481	101.91	0.4	254.78
H	23.38	18.30	23.97	3.965756	89.12	0.47	189.62
H	28.69	29.55	26.33	4.051082	101.23	0.4	253.08
H	16.90	17.25	26.95	4.105689	83.72	0.5	167.44
H	28.52	26.85	26.03	4.106403	99.85	0.41	243.54
H	21.12	22.50	28.88	4.237951	92.38	0.46	200.83
H	19.27	22.60	25.35	4.327314	89.92	0.47	191.32
H	24.73	18.28	25.22	4.37589	88.08	0.48	183.50
H	28.69	28.73	18.99	4.480499	91.44	0.46	198.78
H	22.25	29.01	21.87	4.493808	94.36	0.44	214.45
H	31.10	28.84	22.65	4.511916	97.01	0.43	225.60
H	29.53	25.95	20.99	4.522067	99.18	0.41	241.90
H	29.87	26.24	24.89	4.571414	98.91	0.41	241.24
H	23.96	30.08	19.44	4.578091	93.76	0.44	213.09
H	23.54	27.01	19.95	4.64225	92.09	0.46	200.20
H	22.59	15.95	23.70	4.653402	85.41	0.5	170.82
H	18.48	22.64	28.35	4.680435	90.19	0.47	191.89
H	24.60	27.99	18.76	4.715875	92.6	0.45	205.78
H	17.63	22.31	26.17	4.717167	89.25	0.47	189.89
H	22.43	14.74	25.04	4.770357	85.36	0.5	170.72
H	22.54	30.76	21.32	4.802504	94.39	0.44	214.52
H	25.31	17.33	26.70	4.845386	86.8	0.49	177.14
H	23.49	18.46	30.84	4.880922	84.76	0.5	169.52
H	25.61	32.96	20.51	4.944342	89.7	0.47	190.85
H	24.35	15.36	26.03	5.081258	85.89	0.49	175.29
H	22.79	23.12	24.81	5.209837	89.42	0.47	190.26
H	17.88	14.33	26.46	5.305178	80.58	0.53	152.04
H	22.65	20.50	31.48	5.306228	84.34	0.5	168.68
H	24.20	23.96	21.60	5.552433	87.63	0.49	178.84
H	21.80	26.02	22.40	5.564814	91.85	0.46	199.67
H	25.22	20.78	24.12	5.640595	87.01	0.49	177.57
H	20.25	13.80	24.15	5.701545	81.15	0.53	153.11
H	30.75	28.18	26.96	5.80392	85.6	0.49	174.69
H	22.58	29.67	27.33	6.00592	80.13	0.53	151.19
H	21.37	24.63	28.17	6.008666	89.13	0.48	185.69
H	25.77	22.93	21.79	6.02449	87.45	0.49	178.47
H	17.77	24.10	25.94	6.124925	88.65	0.48	184.69
H	31.39	31.00	19.84	6.126852	79.61	0.54	147.43
H	14.81	17.19	26.10	6.147598	82.12	0.51	161.02
H	21.32	20.41	20.94	6.161212	86.46	0.49	176.45
H	22.24	23.47	23.11	6.174468	88.59	0.47	188.49
H	23.71	15.71	22.41	6.190518	84.71	0.5	169.42

H	28.20	34.33	25.24	6.213515	78.22	0.54	144.85
H	31.51	32.46	23.95	6.216226	78.87	0.54	146.06
H	24.46	20.65	22.20	6.259915	87.08	0.49	177.71
H	21.67	27.07	19.35	6.341438	89.22	0.47	189.83
H	25.66	22.41	24.90	6.435313	86.97	0.49	177.49
H	16.78	22.45	30.45	6.447344	81.52	0.52	156.77
H	28.43	28.66	16.75	6.466402	90.15	0.46	195.98
H	22.43	18.45	20.59	6.511251	86.01	0.49	175.53
H	15.87	19.85	22.40	6.657563	78.63	0.54	145.61
H	22.37	31.17	18.34	6.699859	84.63	0.5	169.26
H	26.68	15.91	25.52	6.773257	83.7	0.51	164.12
H	30.79	24.24	20.02	6.836473	83.94	0.5	167.88
H	24.04	34.63	20.36	6.887216	88.11	0.47	187.47
H	17.49	13.22	29.31	6.888775	77.31	0.55	140.56
H	23.04	12.71	29.11	6.904869	78.89	0.54	146.09
H	33.59	28.88	22.85	6.987786	78.95	0.53	148.96
H	23.57	21.87	21.26	6.997108	87.09	0.49	177.73
H	28.22	21.95	22.21	7.057908	85.71	0.49	174.92
H	28.62	35.55	23.35	7.077851	78.34	0.54	145.07
H	25.25	25.26	16.95	7.084244	83.3	0.51	163.33
H	20.00	24.71	23.00	7.089182	87.69	0.48	182.69
H	22.86	11.94	26.96	7.195734	78.93	0.54	146.17
H	27.63	20.18	25.23	7.255018	84.23	0.51	165.16
H	17.14	16.49	32.77	7.283988	75.19	0.56	134.27
H	17.51	24.23	23.07	7.341859	87.16	0.49	177.88
H	20.73	22.53	33.20	7.357131	79.72	0.54	147.63
H	27.92	22.08	20.02	7.426851	85.78	0.5	171.56
H	19.12	13.02	22.28	7.540293	78.58	0.54	145.52
H	17.30	16.81	20.39	7.568914	77.49	0.55	140.89
H	30.95	24.26	27.32	7.64414	79.84	0.54	147.85
H	25.33	34.27	28.16	7.675835	76.33	0.55	138.78
H	18.06	23.25	21.14	7.70911	87.04	0.49	177.63
H	33.10	32.35	20.65	7.761534	78.89	0.54	146.09
H	28.68	30.15	30.31	7.764522	80.23	0.53	151.38
H	22.70	30.48	29.49	7.799172	78.89	0.54	146.09
H	30.70	30.70	29.39	7.875554	80.25	0.53	151.42
H	19.52	28.04	26.34	7.880468	83.19	0.52	159.98
H	19.29	31.71	22.33	7.902168	80.6	0.52	155.00
H	33.30	28.62	27.16	7.912441	79.67	0.53	150.32
H	24.60	22.60	18.39	7.937954	84.3	0.5	168.60
H	29.97	27.25	30.01	7.970917	79.66	0.53	150.30
H	15.30	24.49	28.67	8.045368	77.83	0.54	144.13
H	25.39	15.38	32.49	8.093891	76.74	0.55	139.53
H	21.00	25.29	31.82	8.176453	80.25	0.53	151.42
H	22.07	34.13	27.17	8.187811	76.15	0.55	138.45
H	32.56	34.49	24.04	8.330819	78.47	0.54	145.31
H	34.66	28.66	25.07	8.332589	78.7	0.54	145.74
H	24.57	30.25	14.95	8.385592	79.82	0.53	150.60
H	15.38	21.02	32.96	8.394903	76.96	0.55	139.93
H	20.51	27.14	28.62	8.478353	82.8	0.52	159.23
H	25.42	15.20	20.79	8.485617	81.43	0.53	153.64
H	24.16	16.34	34.21	8.489736	76.7	0.55	139.45
H	17.63	26.60	25.48	8.489839	84.69	0.5	169.38
H	34.54	25.74	23.12	8.504421	77.81	0.54	144.09
H	23.34	35.88	26.37	8.525029	76.27	0.55	138.67
H	24.84	27.30	31.27	8.632302	77.43	0.54	143.39
H	13.56	23.67	26.30	8.659239	77.7	0.54	143.89
H	19.10	27.43	18.83	8.665693	81.92	0.52	157.54
H	21.82	18.79	35.47	8.693105	75.48	0.56	134.79
H	18.84	16.25	18.75	8.69491	77.69	0.55	141.25
H	20.58	12.19	32.68	8.809539	74.89	0.56	133.73
H	28.13	33.30	15.53	8.824408	75.51	0.56	134.84

H	13.84	20.05	21.34	8.88868	77.48	0.54	143.48
H	19.99	31.42	17.62	8.889731	81.44	0.52	156.62
H	29.89	22.55	28.40	8.903653	79.35	0.54	146.94
H	28.43	15.41	23.88	8.946992	81.68	0.52	157.08
H	28.46	21.20	30.69	8.985878	78.04	0.54	144.52
H	29.40	19.05	24.35	9.056375	83.33	0.51	163.39
H	26.47	34.76	16.00	9.169638	75.59	0.55	137.44
H	16.36	20.23	34.85	9.21323	76.93	0.55	139.87
H	27.06	12.14	26.30	9.226472	77.85	0.54	144.17
H	12.66	17.01	22.59	9.27292	76.09	0.54	140.91
H	17.22	15.75	34.90	9.277841	75.45	0.56	134.73
H	29.64	16.33	27.35	9.288394	79.89	0.53	150.74
H	13.50	14.88	22.47	9.297713	76.21	0.55	138.56
H	33.96	23.37	24.98	9.350501	77.74	0.54	143.96
H	28.75	15.25	30.10	9.379906	78.89	0.54	146.09
H	17.42	30.38	21.85	9.384023	80.5	0.52	154.81
H	18.37	10.64	22.66	9.464993	77.46	0.55	140.84
H	18.45	29.60	18.05	9.542301	81.23	0.52	156.21
H	15.16	12.98	32.01	9.548494	75.15	0.56	134.20
H	27.58	22.12	32.60	9.557189	77.8	0.54	144.07
H	11.27	19.84	28.21	9.585219	76.62	0.55	139.31
H	29.06	26.21	31.86	9.595017	79.35	0.53	149.72
H	22.46	29.56	14.29	9.628794	79.58	0.53	150.15
H	27.71	14.80	21.57	9.646214	81	0.53	152.83
H	25.74	18.53	18.58	9.693489	79.01	0.54	146.31
H	25.59	10.39	26.51	9.736916	77.86	0.54	144.19
H	12.93	24.64	28.28	9.821684	77.38	0.54	143.30
H	34.44	24.80	27.47	9.886415	77.64	0.54	143.78
H	19.66	24.28	17.49	9.911837	79.11	0.53	149.26
H	34.05	30.61	16.62	9.945169	75.8	0.55	137.82
H	25.94	11.61	22.23	10.02824	78.26	0.54	144.93
H	26.95	36.65	29.24	10.08363	75.7	0.56	135.18
H	33.61	22.00	20.23	10.12794	77.42	0.54	143.37
H	19.59	12.90	18.67	10.15147	77.22	0.54	143.00
H	20.50	36.80	24.31	10.17226	75.39	0.55	137.07
H	10.84	21.37	26.58	10.19161	76.36	0.55	138.84
H	30.89	36.32	17.51	10.23587	75.3	0.55	136.91
H	20.34	18.11	37.09	10.26304	75.47	0.56	134.77
H	32.34	36.91	20.13	10.34376	75.22	0.56	134.32
H	21.43	12.23	34.83	10.35956	75.13	0.56	134.16
H	36.38	26.84	19.91	10.4279	76.66	0.55	139.38
H	21.05	23.08	16.17	10.45373	78.89	0.53	148.85
H	24.37	9.20	28.83	10.46914	77.43	0.55	140.78
H	24.72	25.20	13.29	10.47093	78.12	0.54	144.67
H	23.93	8.81	26.63	10.50781	77.41	0.54	143.35
H	36.14	30.26	27.22	10.55727	77.64	0.54	143.78
H	21.24	22.64	36.68	10.56415	76.15	0.56	135.98
H	35.06	23.49	19.39	10.59588	77.31	0.54	143.17
H	22.32	29.61	32.64	10.62508	77	0.55	140.00
H	32.28	36.56	27.46	10.63412	75.66	0.56	135.11
H	21.65	37.24	18.80	10.64194	76.08	0.54	140.89
H	23.30	23.69	14.20	10.64381	78.38	0.54	145.15
H	34.35	33.58	17.43	10.65379	75.96	0.56	135.64
H	11.56	15.16	31.19	10.7505	74.56	0.56	133.14
H	28.46	34.28	13.68	10.93784	75.49	0.56	134.80
H	35.74	28.71	28.97	10.94565	77.42	0.54	143.37
H	26.76	39.42	20.31	10.96818	75.31	0.56	134.48
H	37.55	28.55	23.91	10.99418	77.07	0.54	142.72
H	13.26	12.07	22.18	11.06813	76.08	0.55	138.33
H	31.04	22.88	14.67	11.10074	75.69	0.55	137.62
H	29.71	28.57	12.20	11.19013	75.45	0.55	137.18
H	19.49	9.00	21.59	11.19152	77.08	0.54	142.74

H	11.07	17.05	32.36	11.22852	74.87	0.56	133.70
H	14.90	27.39	31.20	11.2386	76.54	0.55	139.16
H	22.60	31.85	33.00	11.23974	76.69	0.55	139.44
H	16.89	29.52	28.62	11.26709	77.54	0.54	143.59
H	14.89	9.69	30.21	11.31621	74.98	0.56	133.89
H	10.57	13.71	26.20	11.362	75.11	0.55	136.56
H	32.10	24.75	13.86	11.36638	75.61	0.55	137.47
H	24.95	24.68	35.65	11.39928	76.79	0.55	139.62
H	16.46	28.55	17.74	11.40386	80.86	0.52	155.50
H	23.28	27.93	33.85	11.41953	76.88	0.55	139.78
H	25.71	40.09	24.40	11.43995	75.43	0.55	137.15
H	14.12	9.50	28.08	11.45622	75.05	0.56	134.02
H	22.22	11.36	18.25	11.47429	77.68	0.54	143.85
H	17.77	7.73	26.20	11.47616	75.12	0.56	134.14
H	24.23	39.97	21.70	11.50629	75.4	0.56	134.64
H	17.91	30.75	30.24	11.51789	77.5	0.54	143.52
H	24.73	10.71	19.61	11.58382	77.81	0.54	144.09
H	17.68	21.99	16.13	11.58794	77.59	0.54	143.69
H	30.85	18.52	19.58	11.60319	78.86	0.54	146.04
H	19.46	32.78	14.71	11.61763	79.14	0.53	149.32
H	17.83	34.87	18.26	11.65825	79.06	0.54	146.41
H	25.21	18.41	37.62	11.67789	75.24	0.57	132.00
H	15.17	17.30	16.67	11.68974	76.49	0.55	139.07
H	14.08	12.04	33.78	11.72292	74.82	0.56	133.61
H	20.94	34.42	14.37	11.72387	79.03	0.53	149.11
H	16.55	32.96	18.46	11.78148	79.22	0.54	146.70
H	15.76	22.93	16.97	11.79773	77.43	0.54	143.39
H	26.33	17.66	16.53	11.81694	78.85	0.54	146.02
H	26.98	25.08	34.66	11.82046	76.47	0.55	139.04
H	21.00	8.39	32.59	11.89307	75.34	0.55	136.98
H	28.08	10.86	21.88	11.92687	78.28	0.54	144.96
H	36.70	24.99	28.08	11.9434	77.46	0.54	143.44
H	21.25	16.02	15.20	11.99346	76.48	0.55	139.05
H	36.95	27.45	16.96	12.03262	76.11	0.55	138.38
H	30.45	16.40	20.22	12.03464	78.86	0.54	146.04
H	30.30	20.13	15.37	12.08619	75.79	0.55	137.80
H	12.59	10.42	23.60	12.10703	75.95	0.55	138.09
H	25.26	31.30	34.73	12.1226	76.36	0.56	136.36
H	10.11	23.65	30.39	12.16839	76.28	0.54	141.26
H	15.30	11.48	18.75	12.18332	76.18	0.55	138.51
H	15.30	32.87	25.12	12.21144	76.61	0.54	141.87
H	28.29	33.85	33.97	12.24368	75.36	0.56	134.57
H	21.44	13.37	37.89	12.32374	74.96	0.56	133.86
H	8.46	19.45	25.17	12.37175	76	0.55	138.18
H	19.38	38.53	25.37	12.37329	75.2	0.55	136.73
H	17.75	16.70	38.75	12.4327	75.07	0.55	136.49
H	12.12	25.16	20.47	12.43818	76.21	0.55	138.56
H	33.09	18.41	25.22	12.43843	77.84	0.55	141.53
H	19.47	35.60	30.53	12.43987	75.62	0.55	137.49
H	23.69	35.73	32.88	12.461	74.57	0.56	133.16
H	21.92	22.15	38.80	12.47158	76.09	0.56	135.88
H	15.99	28.87	32.56	12.49508	76.31	0.55	138.75
H	24.19	11.33	17.46	12.4989	77.56	0.54	143.63
H	10.71	25.79	29.70	12.52201	76.33	0.54	141.35
H	30.96	39.17	28.44	12.53285	75.4	0.56	134.64
H	33.31	31.71	12.72	12.58021	75.34	0.55	136.98
H	17.25	6.77	28.25	12.5926	75.24	0.56	134.36
H	30.52	26.70	11.16	12.59783	75.55	0.55	137.36
H	16.67	23.74	37.78	12.64646	75.09	0.57	131.74
H	21.72	39.41	18.14	12.65138	76.1	0.55	138.36
H	29.86	38.27	15.23	12.66705	75.15	0.56	134.20
H	11.00	10.67	26.38	12.67081	75.45	0.56	134.73

H	36.38	34.36	28.76	12.67155	75.63	0.55	137.51
H	9.78	19.13	33.34	12.70768	74.99	0.56	133.91
H	34.05	29.58	12.68	12.71439	75.2	0.56	134.29
H	11.28	17.30	18.37	12.77089	75.91	0.55	138.02
H	30.25	22.43	34.52	12.77345	76.41	0.55	138.93
H	16.94	11.36	17.16	12.78439	76.05	0.55	138.27
H	15.53	8.05	21.93	12.90783	75.76	0.56	135.29
H	39.56	29.22	23.03	12.9707	76.99	0.55	139.98
H	17.39	7.44	32.19	12.98207	74.82	0.56	133.61
H	29.74	35.59	33.57	12.99901	75.2	0.56	134.29
H	22.90	7.16	32.26	13.02218	75.3	0.56	134.46
H	28.95	34.49	11.45	13.0551	75.47	0.56	134.77
H	30.13	41.07	25.76	13.08983	75.29	0.56	134.45
H	11.39	25.03	33.65	13.10441	75.55	0.55	137.36
H	18.59	18.55	39.79	13.10843	75.08	0.56	134.07
H	8.58	13.99	28.42	13.13285	75.16	0.56	134.21
H	12.44	21.15	16.91	13.13634	76.48	0.55	139.05
H	10.36	22.96	33.85	13.15731	75.59	0.55	137.44
H	31.18	11.00	25.28	13.15824	76.28	0.55	138.69
H	14.91	18.84	15.02	13.17648	76.51	0.55	139.11
H	35.44	34.59	30.80	13.17908	75.42	0.54	139.67
H	32.42	15.91	32.23	13.21898	75.24	0.56	134.36
H	17.37	11.23	37.18	13.23119	74.88	0.56	133.71
H	28.00	41.00	18.00	13.25751	75.06	0.55	136.47
H	23.67	6.97	21.67	13.25898	76.66	0.55	139.38
H	34.40	18.07	23.36	13.26068	77.54	0.55	140.98
H	27.14	17.43	38.38	13.27325	75.01	0.57	131.60
H	20.94	17.59	13.61	13.2966	76.71	0.55	139.47
H	12.44	29.20	27.55	13.29998	76.63	0.55	139.33
H	36.37	37.61	24.85	13.30492	74.76	0.56	133.50
H	19.50	5.57	26.13	13.3055	75.18	0.56	134.25
H	19.18	23.61	13.14	13.3429	77.36	0.54	143.26
H	33.46	31.17	34.15	13.35238	75.22	0.56	134.32
H	15.26	28.41	15.80	13.41628	80.39	0.52	154.60
H	21.49	6.33	21.81	13.47257	76.71	0.55	139.47
H	30.91	10.95	30.83	13.48312	75.36	0.55	137.02
H	17.22	35.29	30.14	13.49633	75.62	0.55	137.49
H	34.90	24.39	32.72	13.54401	75.68	0.56	135.14
H	38.32	30.53	16.35	13.5634	75.39	0.55	137.07
H	39.71	27.05	26.08	13.59064	76.6	0.54	141.85
H	11.38	18.82	36.78	13.61991	75.11	0.55	136.56
H	33.30	13.85	25.35	13.62401	76.34	0.55	138.80
H	27.14	11.12	36.10	13.6378	74.91	0.56	133.77
H	29.00	12.31	35.57	13.67674	74.98	0.56	133.89
H	25.53	29.97	36.57	13.71369	76.12	0.56	135.93
H	12.46	29.03	22.91	13.71502	76.29	0.55	138.71
H	25.75	14.21	38.81	13.77013	74.78	0.56	133.54
H	14.14	34.59	22.07	13.77541	76.48	0.55	139.05
H	18.39	29.50	35.34	13.84681	75.94	0.56	135.61
H	38.39	35.04	19.19	13.86872	75.3	0.55	136.91
H	7.15	21.32	24.87	13.92098	76.08	0.55	138.33
H	33.38	24.18	11.69	13.92389	75.37	0.55	137.04
H	31.87	14.78	34.17	13.94407	75.36	0.56	134.57
H	20.37	27.86	10.51	13.94715	76.6	0.55	139.27
H	17.88	25.30	38.87	13.94774	75.15	0.56	134.20
H	33.30	41.13	22.55	14.05032	74.99	0.55	136.35
H	26.10	41.27	29.41	14.07107	74.99	0.55	136.35
H	37.22	28.34	32.18	14.07744	75.99	0.55	138.16
H	10.65	28.29	24.11	14.08773	76.21	0.55	138.56
H	19.28	10.88	38.42	14.08996	74.64	0.56	133.29
H	8.22	17.49	33.30	14.10853	75.12	0.56	134.14
H	17.47	30.37	12.23	14.16839	77.07	0.55	140.13

H	25.23	14.51	14.12	14.17727	76.52	0.55	139.13
H	13.30	10.17	35.32	14.17782	74.94	0.56	133.82
H	13.43	15.36	38.59	14.23076	75.02	0.56	133.96
H	27.11	21.88	10.51	14.23417	76.06	0.55	138.29
H	26.89	6.48	23.23	14.25887	76.33	0.56	136.30
H	19.21	27.45	38.16	14.31022	75.28	0.56	134.43
H	38.87	21.69	20.94	14.31351	76.14	0.55	138.44
H	9.76	17.39	35.98	14.31446	75.33	0.56	134.52
H	7.89	12.41	26.92	14.31512	75.32	0.56	134.50
H	39.56	33.13	18.70	14.3174	75.31	0.56	134.48
H	24.77	30.96	8.92	14.31894	75.91	0.55	138.02
H	21.41	13.56	40.18	14.33713	74.84	0.56	133.64
H	23.02	32.31	9.49	14.3662	76.19	0.55	138.53
H	13.30	33.23	26.08	14.36629	76.59	0.54	141.83
H	38.22	21.43	18.74	14.37834	75.79	0.55	137.80
H	22.36	20.53	11.96	14.3785	76.56	0.55	139.20
H	29.56	42.79	24.39	14.39717	75.09	0.56	134.09
H	9.91	10.24	31.07	14.4048	74.68	0.55	135.78
H	23.79	37.79	33.86	14.41833	74.6	0.56	133.21
H	31.46	39.90	15.15	14.43128	75.1	0.56	134.11
H	23.04	25.79	9.28	14.44077	76.36	0.55	138.84
H	31.50	12.99	19.23	14.4445	76.53	0.55	139.15
H	27.35	6.77	31.30	14.44508	74.86	0.56	133.68
H	8.93	27.07	25.12	14.49127	75.89	0.55	137.98
H	33.44	13.56	31.37	14.4949	75.14	0.56	134.18
H	24.23	40.84	30.67	14.51331	74.79	0.56	133.55
H	39.85	34.48	24.75	14.53219	75.3	0.55	136.91
H	22.15	41.83	27.56	14.53855	74.93	0.56	133.80
H	29.25	18.36	13.09	14.58472	75.8	0.55	137.82
H	32.05	42.18	20.97	14.5971	75.21	0.55	136.75
H	37.35	35.54	15.72	14.61176	75.1	0.56	134.11
H	40.83	29.25	26.23	14.61368	76.41	0.55	138.93
H	31.75	9.54	29.26	14.61536	75.54	0.56	134.89
H	15.20	31.22	32.41	14.67631	76.5	0.55	139.09
H	7.70	23.15	21.57	14.69044	75.62	0.55	137.49
H	12.19	23.06	15.63	14.71306	76.64	0.55	139.35
H	16.18	5.61	31.62	14.73926	74.73	0.56	133.45
H	32.07	21.89	35.75	14.76149	76.13	0.56	135.95
H	21.85	23.13	10.17	14.7618	76.61	0.55	139.29
H	10.62	16.66	16.27	14.7757	75.79	0.55	137.80
H	8.35	21.37	19.14	14.78174	75.5	0.55	137.27
H	25.59	37.49	11.04	14.78988	74.78	0.56	133.54
H	13.18	30.80	31.42	14.88227	76.34	0.55	138.80
H	33.63	33.05	35.38	14.90562	75.33	0.55	136.96
H	35.40	27.31	10.92	14.97912	75.26	0.55	136.84
H	11.18	28.04	19.88	14.98229	75.98	0.55	138.15
H	28.03	25.75	8.33	14.99771	75	0.55	136.36
H	21.43	29.14	8.86	15.01547	76.5	0.55	139.09
H	38.39	21.35	28.54	15.01998	75.45	0.55	137.18
H	26.78	27.64	7.97	15.02908	75.21	0.56	134.30
H	25.41	43.64	21.05	15.0335	75.42	0.56	134.68
H	16.94	23.56	12.68	15.03513	77.33	0.54	143.20
H	20.94	3.79	26.02	15.03799	75.07	0.56	134.05
H	41.47	27.06	21.48	15.04546	76.14	0.55	138.44
H	21.81	17.34	41.84	15.09426	74.84	0.56	133.64
H	12.34	31.44	27.17	15.10443	76.43	0.55	138.96
H	20.67	26.64	39.78	15.11805	75.4	0.56	134.64
H	14.80	13.22	14.09	15.12562	75.63	0.56	135.05
H	41.01	24.66	20.81	15.13557	75.97	0.55	138.13
H	14.75	5.94	21.50	15.14837	75.77	0.56	135.30
H	27.38	42.82	17.31	15.15323	74.93	0.56	133.80
H	17.10	40.26	25.72	15.1565	75.1	0.56	134.11

H	12.26	33.43	21.37	15.15931	76.5	0.55	139.09
H	7.23	14.78	21.12	15.18629	75.23	0.56	134.34
H	24.83	18.68	11.74	15.19357	76.37	0.55	138.85
H	33.39	10.55	25.45	15.20095	76.16	0.56	136.00
H	35.49	19.67	31.32	15.23362	75.49	0.55	137.25
H	38.43	30.21	32.55	15.29767	75.85	0.55	137.91
H	10.08	10.70	19.38	15.30504	75.27	0.56	134.41
H	14.85	27.34	38.16	15.32983	75.4	0.57	132.28
H	35.29	14.65	24.60	15.33951	76.62	0.55	139.31
H	28.78	23.77	38.91	15.3397	75.59	0.56	134.98
H	23.12	7.50	16.76	15.34284	76.08	0.55	138.33
H	27.65	40.26	33.12	15.37189	74.57	0.56	133.16
H	33.46	37.33	33.77	15.39946	75.08	0.56	134.07
H	6.80	23.44	31.59	15.40309	75.24	0.56	134.36
H	37.32	39.68	25.16	15.45278	74.91	0.56	133.77
H	18.48	32.56	35.55	15.45585	75.95	0.55	138.09
H	25.81	8.28	36.97	15.4679	74.64	0.56	133.29
H	37.68	37.63	16.75	15.47795	75.1	0.56	134.11
H	29.81	6.56	24.19	15.49102	75.86	0.55	137.93
H	38.45	23.06	31.13	15.49583	75.12	0.55	136.58
H	27.89	8.61	36.07	15.50224	74.82	0.56	133.61
H	35.17	17.60	32.29	15.50586	75.38	0.55	137.05
H	40.49	35.70	22.39	15.52889	75.03	0.56	133.98
H	18.78	9.27	14.74	15.52992	75.77	0.56	135.30
H	31.58	39.64	32.94	15.57111	74.83	0.56	133.63
H	37.34	39.84	20.51	15.6089	74.6	0.56	133.21
H	40.42	31.45	16.19	15.61342	75.34	0.56	134.54
H	29.99	6.48	29.31	15.6197	75.03	0.56	133.98
H	13.54	16.50	40.56	15.63846	75	0.56	133.93
H	37.09	28.79	11.31	15.67307	75.33	0.56	134.52
H	27.06	25.04	39.79	15.70946	75.69	0.56	135.16
H	12.71	31.76	16.21	15.72435	76.66	0.55	139.38
H	5.34	15.79	28.63	15.75466	74.57	0.56	133.16
H	10.04	11.92	17.42	15.81051	75.26	0.56	134.39
H	19.34	35.30	10.46	15.84902	75.97	0.55	138.13
H	36.24	23.70	34.53	15.89884	75.61	0.56	135.02
H	34.73	18.15	14.31	15.93204	75.3	0.55	136.91
H	35.30	23.97	10.49	15.93885	75.13	0.55	136.60
H	14.02	36.70	17.10	15.97975	76.42	0.55	138.95
H	23.85	3.25	28.90	15.99822	75.31	0.56	134.48
H	20.55	43.51	21.20	16.01716	74.99	0.56	133.91
H	18.33	42.18	25.98	16.03231	75.17	0.55	136.67
H	20.02	36.44	35.43	16.04978	74.86	0.56	133.68
H	26.36	42.43	14.51	16.05162	74.77	0.55	135.95
H	29.79	12.93	14.99	16.05633	75.45	0.55	137.18
H	14.79	36.25	15.01	16.07075	76.54	0.55	139.16
H	36.37	40.80	18.63	16.08519	74.73	0.56	133.45
H	13.29	8.08	17.38	16.11384	75.2	0.56	134.29
H	18.38	10.81	13.05	16.11711	75.48	0.56	134.79
H	32.87	19.43	37.47	16.16806	75.15	0.55	136.64
H	24.44	39.45	34.97	16.21588	74.88	0.56	133.71
H	33.95	11.71	33.01	16.23837	75.08	0.56	134.07
H	40.56	20.51	23.99	16.25927	75.54	0.56	134.89
H	16.00	29.61	10.63	16.27555	77.21	0.56	137.88
H	27.85	14.87	40.94	16.27906	74.92	0.56	133.79
H	39.00	19.27	27.62	16.30817	75.57	0.56	134.95
H	12.74	26.55	38.79	16.30849	75.17	0.57	131.88
H	20.61	34.34	8.84	16.31181	75.95	0.55	138.09
H	27.04	4.55	31.77	16.3554	75.17	0.56	134.23
H	5.61	25.11	27.24	16.35718	75.71	0.56	135.20
H	37.09	32.22	10.87	16.36392	74.89	0.56	133.73
H	34.26	25.71	37.10	16.3815	74.67	0.56	133.34

H	30.01	10.88	15.95	16.38293	75.71	0.55	137.65
H	5.12	23.51	28.80	16.38805	75.62	0.55	137.49
H	26.29	3.46	25.13	16.42403	75.69	0.56	135.16
H	16.07	7.87	38.21	16.42585	74.48	0.56	133.00
H	6.80	13.28	33.64	16.42641	74.43	0.56	132.91
H	8.98	8.83	32.63	16.44093	74.58	0.56	133.18
H	12.10	8.60	36.47	16.44744	74.62	0.56	133.25
H	26.70	13.35	12.54	16.45055	76.33	0.55	138.78
H	28.76	30.58	39.21	16.4975	75.12	0.56	134.14
H	36.88	34.44	11.36	16.4975	74.69	0.56	133.38
H	20.50	43.00	28.69	16.50386	74.76	0.56	133.50
H	18.33	7.32	38.55	16.55919	74.72	0.56	133.43
H	7.58	28.48	23.93	16.56369	75.98	0.55	138.15
H	20.85	41.57	31.77	16.56653	75.22	0.56	134.32
H	13.26	19.24	12.03	16.59386	76.19	0.55	138.53
H	9.35	6.69	27.17	16.60588	74.75	0.56	133.48
H	9.48	12.32	37.24	16.60985	74.34	0.57	130.42
H	33.46	27.61	38.04	16.6148	74.85	0.56	133.66
H	28.02	39.19	10.07	16.62305	74.78	0.56	133.54
H	22.96	42.96	15.08	16.62346	74.79	0.56	133.55
H	38.42	19.98	15.22	16.63709	75.37	0.56	134.59
H	14.98	5.57	35.20	16.6548	74.41	0.56	132.88
H	31.69	19.32	39.38	16.67183	75.3	0.55	136.91
H	20.03	43.61	19.02	16.68766	75.11	0.56	134.13
H	9.14	24.13	37.66	16.69358	74.96	0.56	133.86
H	29.06	20.10	8.90	16.69381	75.71	0.55	137.65
H	33.34	11.86	18.42	16.70197	76.25	0.55	138.64
H	41.75	26.65	29.66	16.70567	75.84	0.55	137.89
H	16.12	23.46	42.23	16.70892	75.2	0.56	134.29
H	18.33	17.44	10.35	16.73098	75.79	0.55	137.80
H	41.18	33.26	29.85	16.73621	74.88	0.56	133.71
H	41.51	36.04	25.24	16.74444	75.41	0.56	134.66
H	20.70	21.35	43.41	16.74877	74.82	0.56	133.61
H	18.35	2.51	23.61	16.77651	74.98	0.55	136.33
H	41.05	21.24	26.94	16.78117	75.66	0.55	137.56
H	15.10	13.69	11.88	16.78148	75.57	0.56	134.95
H	35.85	16.73	15.71	16.82402	75.25	0.56	134.38
H	24.63	39.20	9.86	16.84624	74.9	0.56	133.75
H	29.35	17.73	10.52	16.85415	75.59	0.55	137.44
H	30.79	6.04	31.35	16.87649	75.01	0.55	136.38
H	40.70	24.66	14.60	16.89708	74.74	0.55	135.89
H	20.21	18.67	9.92	16.94469	76.01	0.55	138.20
H	35.35	41.26	15.55	16.94514	74.79	0.56	133.55
H	18.04	2.25	29.32	16.9498	74.87	0.56	133.70
H	5.24	22.35	32.87	16.95963	75.1	0.55	136.55
H	35.21	42.60	27.77	16.97827	74.43	0.56	132.91
H	34.72	42.00	29.95	17.01747	74.53	0.55	135.51
H	18.64	41.05	31.67	17.02941	75.03	0.56	133.98
H	8.73	14.29	38.11	17.04587	74.53	0.57	130.75
H	14.93	18.34	10.73	17.12904	75.94	0.55	138.07
H	13.86	37.09	30.93	17.1739	74.83	0.56	133.63
H	32.34	9.02	34.88	17.19186	74.78	0.56	133.54
H	32.78	36.24	8.74	17.20065	74.61	0.56	133.23
H	4.47	15.84	21.99	17.20339	75.24	0.56	134.36
H	28.23	18.37	42.37	17.24604	74.64	0.56	133.29
H	43.67	31.34	22.37	17.27135	75.26	0.56	134.39
H	13.71	34.48	12.93	17.29436	76.28	0.55	138.69
H	24.67	24.89	6.20	17.30421	75.65	0.56	135.09
H	24.64	6.45	15.39	17.31133	76.03	0.55	138.24
H	15.70	42.01	20.53	17.31213	74.97	0.56	133.88
H	37.18	15.81	18.52	17.31472	74.93	0.56	133.80
H	28.00	42.51	33.41	17.316	74.52	0.56	133.07

H	30.27	8.93	16.28	17.34711	75.52	0.55	137.31
H	16.31	41.35	16.85	17.34875	75.2	0.56	134.29
H	3.97	14.25	27.64	17.35195	74.91	0.56	133.77
H	40.64	38.62	20.21	17.36172	74.92	0.56	133.79
H	42.60	35.38	21.60	17.3635	75.07	0.55	136.49
H	11.55	4.77	31.44	17.36958	74.74	0.56	133.46
H	10.30	28.73	16.95	17.37301	76.02	0.55	138.22
H	5.98	11.46	32.52	17.39504	74.45	0.56	132.95
H	24.22	2.23	30.94	17.42526	75.1	0.56	134.11
H	14.36	2.58	27.56	17.43315	74.73	0.56	133.45
H	37.15	29.29	36.85	17.45397	74.32	0.56	132.71
H	10.20	22.81	40.23	17.47173	74.56	0.56	133.14
H	5.47	20.37	35.37	17.52368	74.9	0.57	131.40
H	23.19	18.74	44.23	17.55285	74.72	0.56	133.43
H	30.77	37.25	8.16	17.55323	74.62	0.56	133.25
H	29.11	33.75	6.29	17.5687	74.59	0.56	133.20
H	33.73	13.87	37.56	17.56961	74.44	0.56	132.93
H	8.11	21.39	14.88	17.56979	75.3	0.56	134.46
H	16.80	2.37	21.94	17.59186	75.06	0.56	134.04
H	39.97	21.44	31.72	17.59464	75.13	0.55	136.60
H	5.89	28.29	27.82	17.61142	75.64	0.56	135.07
H	24.76	8.60	13.08	17.61572	75.68	0.55	137.60
H	9.68	7.04	33.98	17.62203	74.47	0.56	132.98
H	12.83	5.90	17.78	17.62861	75.01	0.56	133.95
H	11.78	3.78	24.42	17.64252	74.69	0.56	133.38
H	31.68	8.20	17.95	17.66764	75.57	0.56	134.95
H	11.70	36.47	17.17	17.73245	76.3	0.55	138.73
H	38.98	20.72	13.10	17.75424	75.33	0.55	136.96
H	38.12	15.37	27.33	17.76281	75.2	0.56	134.29
H	41.65	28.08	32.38	17.76984	75.68	0.55	137.60
H	9.87	33.25	18.96	17.7719	76.23	0.56	136.13
H	5.21	25.34	21.03	17.79474	75.85	0.55	137.91
H	20.22	12.66	43.56	17.80975	74.75	0.56	133.48
H	19.03	1.63	31.29	17.81337	74.81	0.56	133.59
H	5.84	19.85	17.08	17.81707	75.23	0.55	136.78
H	21.43	28.58	41.74	17.82386	74.91	0.56	133.77
H	10.51	36.14	25.17	17.83849	75.07	0.55	136.49
H	15.36	40.21	30.80	17.84858	75.03	0.56	133.98
H	8.56	6.41	22.64	17.85156	74.63	0.56	133.27
H	13.43	40.06	27.34	17.89109	75.06	0.56	134.04
H	24.17	39.28	37.23	17.89411	74.69	0.56	133.38
H	6.67	28.23	32.91	17.9509	75.02	0.56	133.96
H	23.77	6.54	39.60	17.95127	74.72	0.56	133.43
H	29.56	42.05	11.17	17.99143	74.41	0.56	132.88
H	10.83	32.41	14.99	18.03308	76.61	0.55	139.29
H	43.57	31.20	28.60	18.04828	74.95	0.56	133.84
H	34.46	42.15	13.65	18.08303	74.6	0.56	133.21
H	31.37	15.30	41.09	18.12797	74.39	0.56	132.84
H	9.10	4.92	25.70	18.12894	74.85	0.56	133.66
H	34.70	20.50	8.96	18.1626	75.14	0.56	134.18
H	11.73	25.11	12.37	18.1645	75.4	0.55	137.09
H	19.90	23.22	44.47	18.17626	74.86	0.56	133.68
H	18.27	38.01	36.24	18.1971	74.88	0.56	133.71
H	32.19	12.91	14.03	18.19922	75.6	0.56	135.00
H	4.42	18.85	18.61	18.24738	75.25	0.55	136.82
H	23.16	34.18	40.08	18.28896	75	0.56	133.93
H	30.46	24.87	5.51	18.28925	75.04	0.56	134.00
H	12.22	27.24	11.75	18.29183	75.46	0.56	134.75
H	23.02	31.96	40.62	18.30992	75.08	0.56	134.07
H	27.01	23.95	43.26	18.31686	74.94	0.56	133.82
H	22.12	8.87	11.52	18.31957	75.64	0.56	135.07
H	33.25	31.17	6.05	18.32356	74.5	0.56	133.04

H	21.89	13.71	9.25	18.36824	74.79	0.56	133.55
H	11.62	38.78	26.80	18.41862	75.09	0.56	134.09
H	25.44	43.38	34.16	18.43773	74.81	0.56	133.59
H	32.47	35.23	6.68	18.46077	74.44	0.56	132.93
H	10.94	38.35	25.00	18.46766	75.34	0.55	136.98
H	20.73	42.83	12.49	18.47147	74.44	0.56	132.93
H	39.36	15.45	22.12	18.47356	75.05	0.56	134.02
H	10.31	21.96	41.80	18.47477	74.42	0.57	130.56
H	16.82	26.34	43.27	18.47606	75.25	0.56	134.38
H	37.29	15.17	16.35	18.52736	74.98	0.56	133.89
H	26.01	4.62	37.53	18.53015	74.72	0.56	133.43
H	32.22	4.37	25.21	18.53999	75.39	0.56	134.63
H	38.17	37.04	34.86	18.54114	74.2	0.56	132.50
H	32.34	29.18	5.32	18.54653	74.64	0.56	133.29
H	34.12	11.61	37.59	18.63103	74.59	0.56	133.20
H	33.02	26.57	5.59	18.63765	74.84	0.56	133.64
H	6.20	7.12	27.88	18.64937	74.34	0.56	132.75
H	42.98	24.63	14.97	18.69078	74.83	0.56	133.63
H	37.19	18.32	35.65	18.69468	75.11	0.56	134.13
H	40.49	16.25	23.94	18.72892	75.21	0.56	134.30
H	33.98	21.90	7.17	18.73302	75.14	0.56	134.18
H	13.40	41.85	20.49	18.74155	75.03	0.56	133.98
H	21.52	3.99	15.38	18.75307	75.34	0.56	134.54
H	29.52	2.44	29.65	18.79749	74.75	0.56	133.48
H	16.37	34.09	8.10	18.80074	75.47	0.56	134.77
H	43.61	21.53	19.55	18.8043	75.46	0.56	134.75
H	14.03	3.53	35.56	18.8055	74.27	0.56	132.63
H	11.84	33.41	12.25	18.81681	76.37	0.55	138.85
H	7.33	31.09	31.97	18.87154	75.08	0.56	134.07
H	21.43	2.02	35.47	18.87703	74.48	0.55	135.42
H	2.23	22.58	25.75	18.88384	75.58	0.55	137.42
H	43.31	33.20	30.58	18.89124	74.86	0.56	133.68
H	10.18	3.65	22.79	18.89239	74.66	0.56	133.32
H	34.44	31.59	39.91	18.8944	74.28	0.56	132.64
H	15.88	1.99	19.67	18.90302	74.83	0.56	133.63
H	29.04	32.28	4.53	18.91207	74.6	0.56	133.21
H	29.47	14.66	10.62	18.9134	75.54	0.55	137.35
H	16.84	43.51	16.20	18.91398	74.83	0.56	133.63
H	15.33	23.53	44.39	18.94164	75.27	0.56	134.41
H	34.34	8.00	34.37	18.95552	74.5	0.57	130.70
H	21.69	2.55	17.13	18.96151	75.16	0.56	134.21
H	7.74	29.51	35.66	18.97762	74.76	0.56	133.50
H	22.35	6.67	41.40	19.01408	74.73	0.57	131.11
H	24.52	1.14	20.87	19.03409	75.43	0.56	134.70
H	28.75	29.09	41.90	19.07702	75.05	0.56	134.02
H	31.69	35.77	39.96	19.07927	74.25	0.56	132.59
H	23.93	20.69	5.87	19.08625	75.22	0.56	134.32
H	38.68	19.80	34.70	19.09669	75.25	0.56	134.38
H	6.43	27.81	17.92	19.09767	76.01	0.56	135.73
H	33.92	5.02	27.25	19.09848	75.16	0.56	134.21
H	31.31	13.07	41.69	19.11816	74.52	0.56	133.07
H	38.16	39.18	34.08	19.123	74.17	0.56	132.45
H	12.61	34.08	35.04	19.12572	74.66	0.56	133.32
H	44.03	21.36	25.63	19.12872	75.45	0.56	134.73
H	8.73	20.43	12.01	19.13493	74.86	0.56	133.68
H	25.76	0.48	24.58	19.13952	75.49	0.55	137.25
H	8.06	29.14	16.87	19.1403	76.12	0.56	135.93
H	37.46	32.11	7.52	19.16046	74.87	0.56	133.70
H	17.50	32.86	6.57	19.17763	75.49	0.56	134.80
H	15.04	0.47	26.99	19.18583	74.59	0.56	133.20
H	7.63	6.18	20.59	19.22016	74.68	0.56	133.36
H	26.98	11.27	43.40	19.22875	74.66	0.56	133.32

H	1.88	20.94	30.24	19.24335	75.09	0.56	134.09
H	37.55	11.93	33.14	19.25571	74.64	0.55	135.71
H	4.65	20.03	37.49	19.28908	74.74	0.57	131.12
H	28.92	10.69	42.31	19.2959	74.52	0.56	133.07
H	41.31	28.67	10.47	19.29724	74.91	0.56	133.77
H	37.15	29.49	39.12	19.31427	74.4	0.56	132.86
H	12.14	9.72	12.11	19.317	74.54	0.56	133.11
H	42.92	35.81	15.33	19.33311	74.23	0.56	132.55
H	24.78	35.28	4.83	19.33621	74.7	0.55	135.82
H	12.51	37.84	32.65	19.35416	74.89	0.56	133.73
H	30.46	8.43	39.96	19.35452	74.25	0.56	132.59
H	33.88	21.55	40.81	19.3883	74.55	0.56	133.13
H	39.93	32.68	36.50	19.40258	74.57	0.56	133.16
H	25.41	24.62	4.02	19.41769	75.3	0.56	134.46
H	25.97	25.76	44.22	19.43796	75.15	0.56	134.20
H	19.76	42.07	10.51	19.44642	74.69	0.56	133.38
H	16.35	4.11	14.86	19.45437	74.54	0.56	133.11
H	9.70	37.09	18.06	19.4564	76.4	0.55	138.91
H	39.44	13.69	28.29	19.47797	75.14	0.56	134.18
H	8.09	34.53	24.87	19.47971	75.01	0.56	133.95
H	15.13	29.35	7.20	19.49083	75.42	0.56	134.68
H	31.37	34.40	4.89	19.51223	74.43	0.56	132.91
H	18.96	28.11	5.01	19.51463	75.44	0.56	134.71
H	27.81	2.13	19.61	19.51615	75.36	0.56	134.57
H	13.42	41.25	30.20	19.53979	75.26	0.56	134.39
H	37.98	34.75	37.68	19.54417	74.3	0.56	132.68
H	24.43	11.09	44.42	19.54592	74.39	0.56	132.84
H	10.93	2.53	31.58	19.55575	74.51	0.56	133.05
H	24.61	32.62	3.88	19.56027	74.74	0.55	135.89
H	31.49	5.17	35.84	19.57291	74.7	0.57	131.05
H	6.53	26.73	15.90	19.59083	76.01	0.56	135.73
H	21.86	36.86	40.17	19.60454	74.98	0.56	133.89
H	12.11	2.11	21.12	19.62554	74.51	0.56	133.05
H	39.31	25.30	8.38	19.64854	74.71	0.56	133.41
H	19.25	1.46	35.98	19.65375	74.62	0.56	133.25
H	2.26	17.64	33.62	19.67697	74.86	0.57	131.33
H	30.17	41.96	37.13	19.67933	73.96	0.57	129.75
H	6.18	16.38	39.93	19.68846	74.05	0.57	129.91
H	28.16	40.95	7.55	19.69047	74.7	0.56	133.39
H	14.61	38.05	35.56	19.71897	74.52	0.56	133.07
H	33.62	11.06	14.07	19.7565	75.66	0.56	135.11
H	12.63	29.02	41.73	19.76606	74.92	0.56	133.79
H	28.95	44.42	11.08	19.77404	74.29	0.56	132.66
H	1.76	20.27	21.30	19.78976	75.17	0.56	134.23
H	24.07	43.42	36.03	19.79031	74.8	0.56	133.57
H	28.77	8.09	41.43	19.80508	74.34	0.56	132.75
H	7.11	10.14	38.40	19.82591	74.03	0.56	132.20
H	41.51	36.43	33.57	19.83769	74.39	0.56	132.84
H	21.49	28.75	44.01	19.84262	75.02	0.56	133.96
H	23.43	30.77	3.45	19.85415	74.78	0.55	135.96
H	19.47	12.10	8.20	19.86302	75.12	0.56	134.14
H	29.98	2.82	19.55	19.87102	75.15	0.56	134.20
H	33.24	19.93	42.25	19.89325	74.48	0.56	133.00
H	8.54	5.30	34.96	19.89465	74.29	0.56	132.66
H	28.82	34.28	41.96	19.91427	74.38	0.56	132.82
H	3.04	26.02	21.14	19.91496	75.53	0.55	137.33
H	7.81	33.13	17.91	19.9355	76.04	0.56	135.79
H	23.79	41.05	38.45	19.96754	74.62	0.56	133.25
H	9.61	35.59	30.98	19.98717	74.35	0.57	130.44
H	1.04	19.40	23.28	19.99415	75.29	0.56	134.45
H	15.56	1.87	17.44	20.03972	74.99	0.56	133.91
H	0.76	19.80	28.63	20.04222	75.22	0.56	134.32

H	2.67	18.61	35.60	20.04615	74.95	0.57	131.49
H	40.81	34.59	10.03	20.06536	74.33	0.56	132.73
H	25.17	15.13	7.63	20.07274	75.04	0.56	134.00
H	8.03	22.05	42.09	20.08012	74.7	0.56	133.39
H	1.83	11.95	26.50	20.0816	74.63	0.56	133.27
H	11.97	6.85	13.27	20.08801	74.5	0.57	130.70
H	20.49	35.67	5.10	20.08956	75.09	0.56	134.09
H	34.20	33.63	40.92	20.09886	74.22	0.56	132.54
H	11.10	32.93	37.46	20.10847	74.69	0.56	133.38
H	42.16	37.86	31.90	20.11484	74.62	0.56	133.25
H	8.99	7.41	15.06	20.15117	74.12	0.56	132.36
H	4.41	25.74	36.50	20.16527	74.93	0.57	131.46
H	14.49	8.76	10.46	20.20445	74.76	0.56	133.50
H	27.92	4.05	38.67	20.23304	75	0.56	133.93
H	5.58	13.58	14.40	20.26821	74.75	0.56	133.48
H	17.53	28.16	44.60	20.3041	75.17	0.56	134.23
H	30.46	37.35	40.99	20.34406	74.51	0.56	133.05
H	14.01	40.78	12.38	20.35973	74.29	0.56	132.66
H	36.59	40.59	9.65	20.39962	73.85	0.56	131.88
H	43.32	40.14	20.22	20.40027	74.83	0.56	133.63
H	20.57	37.86	5.70	20.40986	74.79	0.56	133.55
H	38.12	17.33	10.55	20.43709	74.98	0.56	133.89
H	42.26	24.76	35.52	20.47913	74.45	0.56	132.95
H	39.13	16.46	35.49	20.48781	75.07	0.56	134.05
H	42.89	17.62	17.41	20.50388	74.99	0.56	133.91
H	35.70	5.30	30.45	20.50676	74.25	0.55	135.00
H	2.96	9.81	31.94	20.52359	74.43	0.57	130.58
H	4.03	30.72	28.08	20.52865	75.28	0.56	134.43
H	39.19	12.13	20.81	20.56746	74.94	0.56	133.82
H	35.32	38.14	6.80	20.60426	74.08	0.56	132.29
H	16.49	7.64	10.06	20.6061	74.51	0.56	133.05
H	2.29	27.36	30.39	20.60889	75.14	0.56	134.18
H	4.96	31.67	23.29	20.64036	75.35	0.56	134.55
H	20.85	38.96	39.97	20.64837	74.75	0.56	133.48
H	0.91	24.71	26.65	20.65029	75.53	0.55	137.33
H	8.60	2.05	27.44	20.6731	74.37	0.57	130.47
H	31.13	1.35	30.87	20.72107	74.94	0.56	133.82
H	20.04	39.58	6.50	20.74805	75.01	0.56	133.95
H	39.66	16.41	12.60	20.75307	75.07	0.56	134.05
H	43.71	40.35	25.38	20.79832	74.46	0.56	132.96
H	13.33	32.85	40.31	20.79969	74.75	0.56	133.48
H	10.95	17.71	8.51	20.80457	74.99	0.56	133.91
H	41.17	43.50	24.90	20.80822	74.49	0.56	133.02
H	36.11	7.30	18.88	20.81757	74.76	0.56	133.50
H	12.62	9.85	43.85	20.83562	73.74	0.57	129.37
H	14.80	37.51	37.79	20.87121	74.85	0.56	133.66
H	42.52	17.77	15.15	20.87228	74.81	0.56	133.59
H	35.35	5.53	20.09	20.891	74.84	0.56	133.64
H	41.12	26.13	37.75	20.90174	74.89	0.56	133.73
H	15.36	21.38	6.81	20.90307	75.17	0.55	136.67
H	13.47	31.13	42.12	20.9145	74.72	0.56	133.43
H	7.86	14.55	42.82	20.92651	73.86	0.57	129.58
H	29.80	41.43	39.32	20.93057	74.18	0.57	130.14
H	24.17	16.54	6.13	20.94125	75.02	0.56	133.96
H	26.36	6.77	43.03	20.94384	74.72	0.56	133.43
H	39.84	27.39	39.14	20.95898	74.72	0.56	133.43
H	28.91	15.69	6.72	20.9784	74.9	0.56	133.75
H	43.14	26.22	10.29	20.98648	74.77	0.56	133.52
H	4.47	30.88	21.20	21.0041	75.4	0.56	134.64
H	37.99	41.93	11.14	21.0271	73.95	0.56	132.05
H	7.80	15.52	10.56	21.04525	74.68	0.56	133.36
H	14.21	0.63	35.27	21.051	74.06	0.56	132.25

H	40.36	15.65	33.69	21.05258	75.24	0.56	134.36
H	24.12	9.49	8.22	21.10887	74.6	0.56	133.21
H	23.11	20.69	3.74	21.13409	75.34	0.56	134.54
H	15.09	30.67	5.33	21.1357	75.31	0.56	134.48
H	6.71	30.84	37.21	21.16302	74.85	0.56	133.66
H	11.07	43.13	24.60	21.20815	74.69	0.56	133.38
H	33.66	4.45	35.58	21.21193	74.79	0.57	131.21
H	34.50	40.53	7.12	21.23678	74.35	0.56	132.77
H	37.93	29.07	4.97	21.25698	74.58	0.56	133.18
H	39.40	32.19	6.33	21.2596	74.66	0.56	133.32
H	38.45	11.52	17.66	21.27001	74.77	0.56	133.52
H	10.38	10.05	43.28	21.28015	73.81	0.57	129.49
H	30.69	8.96	10.85	21.28541	74.45	0.56	132.95
H	11.39	0.05	22.96	21.29116	74.74	0.56	133.46
H	42.36	20.56	34.72	21.31668	74.45	0.56	132.95
H	20.66	22.79	3.36	21.32699	75.35	0.56	134.55
H	1.33	27.74	26.25	21.34656	75.63	0.55	137.51
H	39.74	43.80	30.56	21.35913	74.5	0.56	133.04
H	38.50	22.41	39.51	21.36064	74.71	0.56	133.41
H	33.26	44.51	35.83	21.39528	74.18	0.57	130.14
H	18.53	2.29	40.31	21.40866	74.44	0.56	132.93
H	3.24	6.49	28.34	21.41318	74.24	0.57	130.25
H	13.03	39.77	10.57	21.41324	74.42	0.56	132.89
H	1.18	14.79	18.98	21.42738	74.68	0.56	133.36
H	24.22	36.91	3.27	21.43163	74.78	0.55	135.96
H	4.80	10.89	38.92	21.47203	74	0.57	129.82
H	43.05	40.12	15.04	21.49265	74.19	0.57	130.16
H	10.92	15.48	7.99	21.51026	74.81	0.56	133.59
H	39.39	11.17	34.28	21.51387	74.78	0.55	135.96
H	30.27	22.29	2.74	21.54277	74.8	0.56	133.57
H	18.68	23.88	3.52	21.54583	75.29	0.56	134.45
H	43.32	15.91	27.39	21.55822	74.82	0.56	133.61
H	34.89	37.03	4.82	21.57366	74.11	0.56	132.34
H	2.47	15.36	37.87	21.57769	74.21	0.57	130.19
H	38.77	7.17	24.84	21.58689	74.79	0.56	133.55
H	7.54	1.72	25.42	21.60999	74.42	0.57	130.56
H	10.01	28.92	9.10	21.61308	75.18	0.56	134.25
H	6.26	35.55	25.72	21.6155	75.22	0.55	136.76
H	41.29	24.49	7.67	21.62764	74.79	0.56	133.55
H	36.19	16.83	41.81	21.62832	74.26	0.56	132.61
H	11.33	24.96	8.11	21.63398	74.56	0.56	133.14
H	15.34	2.86	13.24	21.63874	74.33	0.56	132.73
H	16.86	6.40	44.22	21.68135	74.57	0.57	130.82
H	4.83	14.84	12.62	21.68395	74.68	0.56	133.36
H	36.52	5.12	32.58	21.68401	74.47	0.56	132.98
H	33.06	23.86	43.94	21.68524	74.65	0.55	135.73
H	8.89	40.76	19.26	21.70265	74.83	0.56	133.63
H	4.58	7.79	17.32	21.72668	74.14	0.56	132.39
H	40.87	36.09	8.29	21.72865	74.39	0.56	132.84
H	15.28	23.10	5.29	21.7376	75.08	0.55	136.51
H	18.19	38.66	5.50	21.74312	74.89	0.56	133.73
H	8.42	34.06	36.30	21.74534	74.58	0.56	133.18
H	0.61	10.66	25.04	21.75365	74.68	0.56	133.36
H	18.31	32.69	43.44	21.76291	74.39	0.56	132.84
H	35.72	3.26	24.25	21.76715	74.77	0.56	133.52
H	4.99	16.87	41.80	21.76795	73.95	0.57	129.74
H	38.59	42.74	34.58	21.7687	74.19	0.56	132.48
H	29.81	29.83	1.43	21.78057	74.59	0.55	135.62
H	17.86	28.00	3.01	21.78475	75.25	0.56	134.38
H	43.21	17.24	31.08	21.79051	74.73	0.56	133.45
H	37.92	13.98	39.36	21.81905	74.28	0.56	132.64
H	7.89	27.64	11.55	21.82491	75.27	0.56	134.41

H	23.55	42.33	6.11	21.83156	74.55	0.56	133.13
H	13.13	36.76	7.69	21.85816	74.96	0.56	133.86
H	14.78	14.26	6.31	21.85824	74.67	0.56	133.34
H	30.18	2.91	15.22	21.85887	74.82	0.56	133.61
H	29.28	35.95	43.43	21.85906	74.32	0.56	132.71
H	34.22	25.71	43.21	21.86055	74.46	0.55	135.38
H	8.36	5.22	14.94	21.87571	74	0.57	129.82
H	23.44	40.52	4.76	21.88392	74.52	0.56	133.07
H	36.02	37.86	40.49	21.88465	73.87	0.56	131.91
H	22.47	41.63	40.24	21.93202	74.71	0.56	133.41
H	21.22	32.40	44.06	21.93756	74.56	0.56	133.14
H	37.82	11.81	38.72	21.97403	74.34	0.56	132.75
H	3.58	27.69	37.38	21.97587	75.03	0.57	131.63
H	10.21	1.23	18.84	21.97824	74.44	0.56	132.93
H	30.19	5.41	12.22	21.99223	74.43	0.56	132.91
H	4.99	31.19	17.67	22.01133	75.8	0.56	135.36
H	6.60	17.38	9.95	22.05826	74.67	0.56	133.34
H	40.76	44.07	15.71	22.06018	74.27	0.56	132.63
H	15.08	5.25	43.35	22.07881	74.76	0.57	131.16
H	24.90	10.95	6.60	22.12088	74.58	0.56	133.18
H	28.15	4.68	11.54	22.12249	74.53	0.56	133.09
H	0.48	26.47	31.58	22.13308	75.08	0.56	134.07
H	10.10	10.85	9.12	22.14238	74.46	0.56	132.96
H	37.83	4.79	25.82	22.15333	74.83	0.56	133.63
H	32.30	3.35	15.99	22.16587	74.59	0.56	133.20
H	40.66	19.23	8.70	22.17803	74.66	0.57	130.98
H	43.73	18.34	13.50	22.17983	74.66	0.56	133.32
H	37.51	28.67	42.27	22.18747	74.35	0.56	132.77
H	18.57	2.22	12.26	22.18949	74.38	0.57	130.49
H	8.03	36.57	32.31	22.20058	74.25	0.56	132.59
H	2.38	21.44	14.58	22.21019	74.94	0.55	136.25
H	5.61	33.34	17.30	22.212	75.62	0.56	135.04
H	28.28	13.46	6.63	22.24838	74.91	0.56	133.77
H	7.88	4.89	38.69	22.31194	74.01	0.56	132.16
H	43.53	21.98	35.80	22.31558	74.32	0.56	132.71
H	5.91	26.60	12.07	22.31719	75.22	0.55	136.76
H	0.48	24.18	19.06	22.32435	75.37	0.56	134.59
H	40.46	8.66	24.54	22.33018	74.88	0.56	133.71
H	36.39	25.83	3.09	22.33616	74.7	0.56	133.39
H	9.09	24.72	8.69	22.35479	74.61	0.56	133.23
H	17.67	42.00	38.63	22.36875	74.71	0.56	133.41
H	2.74	9.04	17.74	22.38177	74.28	0.57	130.32
H	40.26	10.23	20.14	22.38973	74.95	0.56	133.84
H	42.73	13.43	25.71	22.43708	74.77	0.56	133.52
H	22.39	1.17	40.67	22.46313	74.35	0.56	132.77
H	12.46	44.60	15.55	22.47203	74.77	0.56	133.52
H	16.74	35.04	42.18	22.49541	74.47	0.56	132.98
H	16.51	37.12	41.25	22.50352	74.65	0.56	133.30
H	31.81	10.22	9.25	22.51766	74.41	0.55	135.29
H	0.65	13.50	35.73	22.55689	74.13	0.56	132.38
H	38.59	11.15	15.43	22.56027	74.55	0.56	133.13
H	25.86	4.62	43.65	22.57571	74.62	0.56	133.25
H	14.13	42.98	35.34	22.59644	74.1	0.56	132.32
H	2.12	21.54	39.45	22.61032	74.36	0.57	130.46
H	9.97	21.69	7.13	22.63827	74.18	0.56	132.46
H	30.11	27.74	0.57	22.6764	74.92	0.55	136.22
H	18.34	43.97	37.63	22.67988	74.53	0.56	133.09
H	33.73	14.03	7.27	22.68068	74.16	0.56	132.43
H	39.86	27.90	4.56	22.69048	74.41	0.56	132.88
H	5.48	20.71	10.12	22.70058	74.38	0.56	132.82
H	28.57	21.24	1.61	22.72312	74.82	0.56	133.61
H	3.90	4.26	31.73	22.7491	74.41	0.57	130.54

H	15.76	2.22	41.63	22.75201	74.34	0.57	130.42
H	7.44	12.97	44.41	22.75832	73.72	0.56	131.64
H	4.15	19.15	11.15	22.8156	74.25	0.56	132.59
H	26.02	40.46	42.54	22.81604	74.43	0.56	132.91
H	34.51	1.81	20.37	22.8371	74.72	0.56	133.43
H	8.72	41.29	29.70	22.84329	74.83	0.56	133.63
H	3.27	7.54	36.43	22.8577	73.81	0.57	129.49
H	7.48	34.37	11.74	22.8619	74.86	0.56	133.68
H	37.14	9.10	14.24	22.87882	74.33	0.56	132.73
H	1.64	7.04	31.68	22.90811	74.23	0.57	130.23
H	25.00	0.29	14.00	22.94528	74.62	0.56	133.25
H	36.81	40.01	40.18	22.95882	73.96	0.56	132.07
H	10.60	1.19	16.12	22.96347	74.55	0.56	133.13
H	23.89	33.40	0.60	22.98762	74.9	0.56	133.75
H	17.28	42.59	7.05	23.0338	74.42	0.56	132.89
H	11.73	2.44	40.41	23.06472	73.86	0.57	129.58
H	1.17	8.52	20.13	23.06712	74.15	0.56	132.41
H	12.49	35.80	40.12	23.07396	74.54	0.57	130.77
H	12.32	35.38	6.07	23.07435	74.91	0.56	133.77
H	38.46	34.13	42.03	23.09676	74.07	0.56	132.27
H	42.61	19.27	36.62	23.10191	74.24	0.56	132.57
H	4.98	35.51	29.66	23.10524	74.66	0.56	133.32
H	4.61	2.80	22.25	23.15761	74.08	0.56	132.29
H	38.44	37.04	41.06	23.15772	73.97	0.56	132.09
H	34.94	30.34	44.52	23.17687	74.4	0.57	130.53
H	43.45	42.30	14.54	23.18015	74.06	0.57	129.93
H	16.47	19.15	4.06	23.18737	75.38	0.56	134.61
H	7.91	20.78	7.60	23.19782	74.37	0.56	132.80
H	3.11	20.02	41.96	23.21863	74.4	0.56	132.86
H	8.53	9.20	9.56	23.22386	74.1	0.56	132.32
H	35.60	12.20	9.38	23.24201	74.16	0.57	130.11
H	39.01	22.92	41.71	23.24318	74.67	0.56	133.34
H	34.70	41.10	4.92	23.29429	74.35	0.56	132.77
H	34.67	0.99	32.44	23.31941	74.41	0.56	132.88
H	44.05	13.60	19.79	23.33961	74.81	0.56	133.59
H	22.28	15.33	3.83	23.33963	74.65	0.57	130.96
H	27.58	44.38	40.31	23.35794	74.22	0.57	130.21
H	7.57	1.45	18.35	23.35963	74.25	0.57	130.26
H	11.41	5.14	10.34	23.36176	74.44	0.57	130.60
H	0.27	29.45	22.91	23.37325	75.23	0.56	134.34
H	3.54	5.46	35.50	23.39228	73.89	0.57	129.63
H	43.96	20.33	9.72	23.40921	74.77	0.56	133.52
H	6.11	24.89	44.15	23.43526	74.17	0.57	130.12
H	3.13	34.20	29.18	23.47813	74.74	0.56	133.46
H	6.75	27.31	43.71	23.47964	74.2	0.56	132.50
H	13.12	44.28	11.58	23.47992	74.29	0.56	132.66
H	6.34	40.51	20.98	23.4911	74.91	0.56	133.77
H	31.93	35.70	1.14	23.49612	74.3	0.56	132.68
H	35.57	14.92	6.22	23.50452	74.03	0.56	132.20
H	17.13	2.24	10.51	23.53875	74.59	0.57	130.86
H	19.00	32.62	1.00	23.5415	74.62	0.55	135.67
H	2.18	13.88	40.55	23.54898	74.09	0.56	132.30
H	13.23	15.07	4.81	23.57398	74.46	0.56	132.96
H	12.84	10.52	6.21	23.58994	74.2	0.56	132.50
H	6.96	2.66	16.48	23.60021	74.19	0.57	130.16
H	37.69	15.43	42.89	23.6052	74.31	0.56	132.70
H	35.97	8.18	41.38	23.60658	73.9	0.57	129.65
H	5.50	33.63	37.17	23.60799	74.65	0.56	133.30
H	37.11	3.21	33.66	23.63177	74.31	0.56	132.70
H	35.03	32.30	1.13	23.65849	74.54	0.56	133.11
H	37.13	21.35	3.01	23.7424	74.23	0.57	130.23
H	5.71	4.24	38.14	23.75371	73.7	0.57	129.30

H	7.49	29.47	43.50	23.77809	74.16	0.56	132.43
H	25.77	39.13	44.38	23.80969	74.39	0.56	132.84
H	32.75	4.18	41.29	23.82091	73.81	0.57	129.49
H	37.37	34.58	2.50	23.82872	73.95	0.56	132.05
H	37.86	2.89	31.51	23.85977	74.22	0.56	132.54
H	1.40	16.32	13.04	23.86207	74.92	0.56	133.79
H	44.61	14.84	15.76	23.88245	74.63	0.56	133.27
H	4.92	11.76	43.36	23.89915	73.9	0.57	129.65
H	42.59	9.63	29.78	23.90786	74.58	0.57	130.84
H	16.00	41.43	5.63	23.92468	74.67	0.56	133.34
H	43.74	14.24	31.48	23.94035	74.73	0.57	131.11
H	0.86	23.08	14.15	23.94067	74.97	0.56	133.88
H	32.58	1.05	37.68	23.95208	74.12	0.57	130.04
H	8.64	6.56	43.62	24.01048	74.04	0.57	129.89
H	25.06	3.79	8.59	24.04135	74.58	0.56	133.18
H	3.24	33.48	34.47	24.04201	74.37	0.56	132.80
H	23.07	43.76	41.47	24.08393	74.52	0.56	133.07
H	1.47	4.40	25.02	24.09936	73.98	0.57	129.79
H	12.39	28.59	3.47	24.11258	74.89	0.56	133.73
H	16.96	17.14	3.06	24.14667	75.06	0.56	134.04
H	44.19	41.61	12.48	24.1557	73.85	0.56	131.88
H	2.59	2.81	26.29	24.16867	73.94	0.57	129.72
H	8.21	30.74	7.38	24.17603	74.7	0.56	133.39
H	3.87	36.68	20.57	24.18516	74.92	0.57	131.44
H	22.08	7.49	5.48	24.21584	74.42	0.57	130.56
H	3.62	2.05	30.62	24.21799	74.51	0.57	130.72
H	38.88	29.61	43.84	24.24761	74.19	0.56	132.48
H	9.18	0.54	37.89	24.25174	73.84	0.56	131.86
H	34.06	19.19	1.94	24.26611	74.14	0.56	132.39
H	9.27	41.71	33.96	24.2691	74.37	0.56	132.80
H	0.34	6.78	21.32	24.28649	74.04	0.56	132.21
H	35.97	0.29	30.67	24.30007	74.37	0.55	135.22
H	30.04	40.47	1.92	24.30248	73.96	0.56	132.07
H	38.27	26.15	1.74	24.3516	74.52	0.56	133.07
H	1.05	31.58	33.48	24.35407	74.56	0.56	133.14
H	39.14	7.91	38.47	24.36384	74.04	0.57	129.89
H	23.27	43.73	4.00	24.36411	74.33	0.56	132.73
H	1.42	30.04	17.02	24.39002	74.98	0.56	133.89
H	41.31	41.95	8.62	24.40207	73.76	0.56	131.71
H	41.58	29.49	42.20	24.40368	74.13	0.56	132.38
H	42.86	31.00	41.03	24.41722	74.02	0.57	129.86
H	21.85	40.22	44.00	24.42328	74.84	0.56	133.64
H	22.02	39.72	1.60	24.4282	74.78	0.55	135.96
H	41.08	43.22	36.32	24.43161	73.69	0.56	131.59
H	27.06	4.72	7.92	24.43839	74.79	0.56	133.55
H	38.06	3.82	18.35	24.45714	74.41	0.56	132.88
H	10.70	29.76	4.39	24.46025	75.07	0.56	134.05
H	36.98	36.80	2.30	24.46152	74.3	0.56	132.68
H	42.01	18.29	7.11	24.46193	74.6	0.57	130.88
H	3.80	7.94	40.84	24.47336	73.87	0.57	129.60
H	36.03	5.94	40.98	24.49248	74.03	0.57	129.88
H	9.48	40.55	35.93	24.49415	74.31	0.56	132.70
H	41.36	5.78	28.87	24.50299	74.26	0.57	130.28
H	8.79	4.46	42.75	24.50422	73.88	0.57	129.61
H	19.38	10.59	3.78	24.52897	74.75	0.56	133.48
H	3.92	26.03	10.46	24.54792	75.11	0.56	134.13
H	9.26	42.07	11.75	24.55002	74.04	0.56	132.21
H	42.25	25.81	41.65	24.56295	74.3	0.56	132.68
H	20.85	0.11	10.91	24.57313	74.55	0.56	133.13
H	12.70	41.02	39.14	24.5981	74.11	0.56	132.34
H	43.60	12.08	16.72	24.63516	74.64	0.56	133.29
H	11.94	43.57	9.75	24.65559	74.32	0.56	132.71

H	35.80	0.16	21.18	24.65968	74.63	0.56	133.27
H	34.24	42.34	42.09	24.66187	73.96	0.56	132.07
H	6.80	34.88	9.56	24.67202	74.57	0.56	133.16
H	33.15	37.63	0.86	24.68299	74.32	0.56	132.71
H	4.75	30.34	41.77	24.70406	74	0.56	132.14
H	1.06	29.72	37.25	24.7578	74.49	0.56	133.02
H	37.93	8.79	12.16	24.75967	74.41	0.56	132.88
H	32.98	17.16	2.02	24.77918	74.13	0.56	132.38
H	43.53	38.11	7.38	24.82693	74.19	0.56	132.48
H	2.00	29.85	14.79	24.84678	75.11	0.56	134.13
H	41.01	5.07	31.03	24.8706	74.41	0.56	132.88
H	1.09	33.28	21.65	24.91923	75.25	0.56	134.38
H	40.72	9.56	38.54	24.95061	74.22	0.56	132.54
H	4.78	8.52	10.61	24.96245	74.14	0.56	132.39
H	30.74	40.89	44.39	24.96579	73.74	0.56	131.68
H	0.09	32.97	26.35	25.0127	75.07	0.56	134.05
H	11.67	1.62	42.63	25.01278	73.91	0.57	129.67
H	7.00	1.16	38.21	25.05227	73.88	0.56	131.93
H	6.75	41.06	13.83	25.05702	74.09	0.57	129.98
H	13.95	9.19	4.70	25.07199	73.97	0.57	129.77
H	28.10	18.64	0.04	25.09457	74.7	0.56	133.39
H	42.55	37.72	40.15	25.10195	73.91	0.56	131.98
H	5.29	41.02	28.10	25.10598	74.16	0.56	132.43
H	38.81	4.95	37.37	25.10634	74.08	0.56	132.29
H	4.84	7.66	42.87	25.14047	73.82	0.56	131.82
H	2.91	3.30	18.08	25.17371	74.14	0.56	132.39
H	3.75	0.69	22.29	25.22806	74.45	0.57	130.61
H	37.10	10.46	44.12	25.2364	73.83	0.56	131.84
H	34.63	5.35	10.64	25.2603	74.15	0.56	132.41
H	38.49	10.78	9.80	25.26313	74.33	0.56	132.73
H	9.61	36.63	40.95	25.28905	74.5	0.56	133.04
H	42.53	40.44	38.79	25.30839	74.04	0.56	132.21
H	9.18	2.19	11.60	25.32632	73.92	0.57	129.68
H	7.15	11.87	6.60	25.33334	73.94	0.57	129.72
H	5.45	42.38	26.22	25.35555	73.98	0.56	132.11
H	42.49	17.78	39.79	25.35779	74.21	0.56	132.52
H	26.62	0.30	43.20	25.39231	74.4	0.56	132.86
H	37.20	2.28	16.87	25.39236	74.39	0.55	135.25
H	1.40	26.34	12.15	25.40691	74.74	0.56	133.46
H	44.56	10.27	28.87	25.41809	74.55	0.57	130.79
H	12.23	39.69	40.93	25.47073	74.09	0.56	132.30
H	7.59	44.08	30.32	25.4939	74.66	0.56	133.32
H	36.29	10.24	8.35	25.50591	74.31	0.57	130.37
H	3.00	38.40	21.76	25.5158	74.83	0.56	133.63
H	32.67	3.64	43.55	25.53588	73.99	0.57	129.81
H	5.73	32.25	42.58	25.54384	73.86	0.56	131.89
H	15.99	36.43	0.98	25.57142	74.06	0.56	132.25
H	13.93	35.80	1.83	25.60993	74.12	0.56	132.36
H	41.22	12.19	10.01	25.62506	74.17	0.56	132.45
H	22.20	14.91	1.56	25.63817	74.56	0.57	130.81
H	43.87	34.26	41.09	25.63887	73.98	0.56	132.11
H	39.83	37.04	2.59	25.64981	74.12	0.56	132.36
H	40.20	3.54	20.14	25.65742	74.46	0.56	132.96
H	21.08	5.53	4.89	25.66298	74.5	0.57	130.70
H	32.76	4.13	9.59	25.67122	74.24	0.56	132.57
H	43.45	21.98	41.10	25.68547	74.1	0.56	132.32
H	8.92	11.07	5.38	25.68631	73.89	0.57	129.63
H	16.59	3.99	6.24	25.7117	74.13	0.57	130.05
H	9.68	19.87	3.59	25.76066	74.29	0.56	132.66
H	44.14	10.92	34.45	25.87337	74.03	0.57	129.88
H	39.10	43.19	5.46	25.88189	73.76	0.56	131.71
H	3.41	32.75	12.14	25.89501	74.77	0.56	133.52

H	3.50	17.93	7.48	25.91783	74.28	0.56	132.64
H	0.67	34.90	23.19	25.95994	75.25	0.56	134.38
H	33.18	44.31	42.70	25.96689	74.09	0.56	132.30
H	10.53	4.92	7.39	25.98216	74.15	0.57	130.09
H	2.98	10.79	44.12	26.00756	74.22	0.56	132.54
H	38.02	18.62	1.89	26.01849	74.05	0.57	129.91
H	28.77	15.63	0.60	26.02545	74.61	0.56	133.23
H	16.35	12.63	1.90	26.07491	74.46	0.56	132.96
H	26.43	5.24	5.28	26.12191	74.49	0.56	133.02
H	4.39	37.09	35.93	26.13544	74.55	0.56	133.13
H	0.19	31.77	36.59	26.14181	74.49	0.56	133.02
H	22.00	0.62	8.11	26.14566	74.44	0.56	132.93
H	6.98	41.83	11.51	26.19127	74.04	0.56	132.21
H	39.09	2.82	36.55	26.22221	74.07	0.56	132.27
H	3.47	37.98	14.62	26.25049	74.23	0.57	130.23
H	10.47	25.88	2.44	26.25164	74.63	0.56	133.27
H	42.72	10.47	38.49	26.26318	74.17	0.57	130.12
H	41.90	6.53	17.38	26.26771	74.41	0.56	132.88
H	41.85	44.14	8.00	26.30955	73.85	0.56	131.88
H	42.73	19.93	41.79	26.33851	74	0.57	129.82
H	9.78	22.11	3.11	26.33909	74.34	0.56	132.75
H	24.52	10.59	2.02	26.43135	74.52	0.56	133.07
H	7.73	17.57	3.85	26.43713	74.19	0.56	132.48
H	3.31	37.77	33.14	26.48678	74.64	0.56	133.29
H	40.10	0.80	25.61	26.49874	74.31	0.56	132.70
H	42.50	25.44	43.90	26.5078	74.04	0.56	132.21
H	17.23	42.11	43.86	26.5114	74.51	0.56	133.05
H	26.61	14.90	0.23	26.62457	74.73	0.57	131.11
H	18.41	9.61	1.97	26.63088	74.67	0.56	133.34
H	42.75	5.83	19.37	26.65362	74.25	0.56	132.59
H	30.99	8.42	4.56	26.65481	74.07	0.56	132.27
H	0.46	22.77	9.92	26.68555	74.77	0.56	133.52
H	8.33	2.71	9.53	26.68651	73.9	0.57	129.65
H	43.66	7.98	35.28	26.74279	73.81	0.56	131.80
H	43.71	22.73	3.29	26.75319	74.35	0.57	130.44
H	0.06	8.96	12.69	26.89853	73.96	0.56	132.07
H	40.26	40.37	43.03	26.90675	73.87	0.57	129.60
H	2.63	7.84	10.19	26.91066	74.08	0.57	129.96
H	43.50	32.13	2.26	26.92717	74.15	0.56	132.41
H	1.40	37.58	26.47	26.92814	74.68	0.56	133.36
H	6.34	29.80	5.20	26.95814	74.35	0.57	130.44
H	10.66	41.80	5.51	26.98295	74.01	0.56	132.16
H	33.23	0.79	11.11	27.0058	74.21	0.57	130.19
H	4.44	41.47	14.14	27.0163	73.87	0.57	129.60
H	43.04	17.09	41.96	27.02649	74.03	0.57	129.88
H	33.52	12.47	2.45	27.0965	74.09	0.56	132.30
H	30.43	9.62	3.28	27.10802	73.95	0.56	132.05
H	40.14	35.89	0.52	27.15335	74.13	0.56	132.38
H	35.39	13.78	2.08	27.16352	74.11	0.56	132.34
H	7.51	38.02	5.91	27.2054	74.05	0.57	129.91
H	19.03	42.45	0.64	27.24085	74.42	0.56	132.89
H	44.09	10.97	11.80	27.33776	73.78	0.56	131.75
H	41.11	1.01	30.62	27.33939	74.58	0.57	130.84
H	43.79	12.18	39.95	27.35588	74.03	0.56	132.20
H	1.81	1.67	16.93	27.36324	74.08	0.56	132.29
H	14.05	2.33	6.01	27.38655	74.04	0.57	129.89
H	25.52	5.68	3.23	27.45218	74.48	0.56	133.00
H	38.38	11.31	5.35	27.45805	73.74	0.56	131.68
H	41.80	42.17	4.39	27.47431	73.38	0.56	131.04
H	18.27	13.14	0.04	27.50901	74.49	0.56	133.02
H	3.02	16.30	5.91	27.52454	74.36	0.56	132.79
H	8.53	38.46	41.86	27.5678	74.67	0.56	133.34

H	2.84	2.93	13.08	27.57628	73.93	0.56	132.02
H	8.35	4.28	6.91	27.58557	74	0.57	129.82
H	2.46	34.29	10.71	27.62439	74.7	0.56	133.39
H	3.60	42.76	29.20	27.62949	74.28	0.56	132.64
H	1.79	36.73	13.72	27.63407	74.18	0.57	130.14
H	9.35	35.59	2.45	27.64258	74.12	0.57	130.04
H	14.42	12.42	0.66	27.68349	74.51	0.56	133.05
H	3.26	1.09	39.24	27.76913	74.05	0.57	129.91
H	13.72	41.92	2.15	27.77594	74.39	0.56	132.84
H	44.52	12.63	9.12	27.80625	73.73	0.56	131.66
H	36.02	44.57	2.08	27.81439	74.14	0.56	132.39
H	8.61	27.05	1.74	27.86214	74.59	0.57	130.86
H	32.74	7.03	4.65	27.86783	74.11	0.56	132.34
H	11.97	42.43	3.52	27.89122	74.35	0.56	132.77
H	32.71	1.15	8.90	27.8936	74.18	0.57	130.14
H	11.71	20.85	0.52	27.89705	74.01	0.56	132.16
H	2.27	39.41	31.62	27.92729	74.81	0.56	133.59
H	0.24	34.64	15.81	27.93445	74.18	0.56	132.46
H	3.49	12.44	5.77	27.94771	74	0.57	129.82
H	6.33	36.18	5.12	27.99168	74.26	0.57	130.28
H	28.57	1.61	6.16	28.02733	74.22	0.56	132.54
H	9.89	43.14	40.29	28.03772	73.93	0.57	129.70
H	10.21	19.18	0.81	28.07975	74.09	0.56	132.30
H	22.13	0.53	5.43	28.1981	74.3	0.56	132.68
H	41.13	1.51	17.95	28.20737	74.36	0.56	132.79
H	4.38	41.41	10.95	28.24262	73.8	0.56	131.79
H	1.69	41.81	19.95	28.27368	74.7	0.56	133.39
H	9.98	8.91	2.60	28.30616	73.76	0.57	129.40
H	19.93	3.60	2.98	28.3122	74.4	0.56	132.86
H	42.39	7.79	12.28	28.35244	73.82	0.57	129.51
H	41.11	44.30	4.17	28.36	73.59	0.57	129.11
H	4.19	22.33	4.06	28.36647	74.45	0.56	132.95
H	1.34	30.97	10.06	28.37482	74.42	0.56	132.89
H	0.60	38.92	28.13	28.38743	74.73	0.56	133.45
H	6.18	43.42	36.18	28.39524	73.89	0.56	131.95
H	40.24	13.91	2.94	28.41627	73.62	0.56	131.46
H	44.01	12.99	6.94	28.44192	73.91	0.56	131.98
H	42.70	1.84	20.74	28.44413	74.47	0.56	132.98
H	44.44	5.92	35.80	28.45146	73.83	0.57	129.53
H	29.15	8.89	1.53	28.47902	73.93	0.56	132.02
H	6.12	16.74	2.46	28.49615	74.22	0.56	132.54
H	15.74	4.61	2.63	28.50729	74.08	0.57	129.96
H	1.97	35.54	40.40	28.5373	74.05	0.56	132.23
H	0.80	38.33	33.00	28.54996	74.6	0.56	133.21
H	4.82	38.82	39.68	28.59365	74.4	0.57	130.53
H	0.63	3.27	13.63	28.61508	73.75	0.56	131.70
H	11.37	38.73	0.83	28.64115	73.99	0.57	129.81
H	6.94	0.71	44.28	28.64744	73.97	0.57	129.77
H	40.62	42.48	43.85	28.65422	73.99	0.57	129.81
H	0.60	40.86	23.71	28.68352	74.6	0.56	133.21
H	2.92	3.00	10.81	28.68714	73.85	0.56	131.88
H	1.12	25.87	7.09	28.70239	74.55	0.56	133.13
H	1.47	23.85	6.14	28.7162	74.83	0.56	133.63
H	42.81	6.01	13.67	28.74721	73.96	0.57	129.75
H	8.78	43.13	5.41	28.82749	74.33	0.56	132.73
H	4.48	41.91	36.02	28.85272	74.18	0.57	130.14
H	13.67	3.83	3.18	28.87902	74.25	0.57	130.26
H	44.38	20.06	1.90	28.89813	73.99	0.56	132.13
H	6.44	33.53	2.67	28.99085	74.27	0.57	130.30
H	41.53	6.44	42.83	29.01922	73.84	0.56	131.86
H	37.33	4.19	8.07	29.03175	73.86	0.56	131.89
H	3.00	4.26	8.93	29.08651	73.94	0.56	132.04

H	39.23	0.13	39.34	29.11543	73.62	0.56	131.46
H	3.59	40.19	9.18	29.14524	74.09	0.56	132.30
H	38.29	1.82	10.97	29.15134	73.73	0.57	129.35
H	38.58	0.90	41.37	29.16964	73.65	0.56	131.52
H	38.15	9.12	4.74	29.182	73.67	0.56	131.55
H	4.71	29.88	3.61	29.2302	74.27	0.56	132.63
H	5.11	5.99	5.66	29.26363	73.66	0.57	129.23
H	0.73	42.43	21.92	29.26727	74.61	0.56	133.23
H	10.71	6.81	1.98	29.37061	73.66	0.57	129.23
H	5.57	39.07	41.82	29.38292	74.34	0.57	130.42
H	43.76	36.05	0.22	29.40031	74.05	0.56	132.23
H	3.03	10.40	4.85	29.44293	74.12	0.57	130.04
H	8.51	4.90	3.93	29.4479	74.1	0.57	130.00
H	0.13	38.65	14.63	29.45015	74.44	0.56	132.93
H	32.26	5.13	3.45	29.47035	73.91	0.56	131.98
H	9.32	35.99	0.17	29.48472	73.88	0.56	131.93
H	9.15	42.57	42.37	29.52276	74.26	0.57	130.28
H	4.23	34.59	4.52	29.56074	74.31	0.56	132.70
H	2.19	3.67	44.28	29.57934	74.04	0.56	132.21
H	12.18	2.03	4.02	29.58362	74.13	0.57	130.05
H	1.34	42.72	29.59	29.60661	74.32	0.55	135.13
H	30.56	3.59	3.44	29.61277	73.97	0.56	132.09
H	4.42	21.04	2.18	29.64852	74.7	0.56	133.39
H	44.44	42.71	42.14	29.67226	73.64	0.56	131.50
H	41.51	14.90	1.30	29.72404	73.7	0.56	131.61
H	9.97	40.51	1.15	29.82619	74.14	0.57	130.07
H	30.40	1.09	4.89	29.83812	73.95	0.56	132.05
H	0.64	32.19	8.21	30.04356	74.65	0.56	133.30
H	19.24	1.63	2.01	30.23174	74.23	0.56	132.55
H	43.22	0.71	36.03	30.30738	74.04	0.56	132.21
H	36.16	9.67	1.42	30.33081	73.72	0.57	129.33
H	26.80	2.06	2.10	30.49913	74.44	0.56	132.93
H	37.78	4.66	5.90	30.51203	73.48	0.57	128.91
H	5.64	22.89	0.57	30.56495	74.42	0.56	132.89
H	41.41	1.74	41.63	30.62804	73.58	0.56	131.39
H	0.13	8.11	6.76	30.67704	73.87	0.56	131.91
H	38.05	0.84	8.89	30.76262	73.71	0.56	131.63
H	10.00	2.08	3.29	30.81395	74.24	0.57	130.25
H	42.04	5.09	44.61	30.96308	74.04	0.57	129.89
H	1.12	37.93	7.92	30.96332	74.41	0.56	132.88
H	1.70	16.85	2.30	31.10774	74.23	0.56	132.55

[a]distance to the nearest electron spin.

Table S11. Coordinates and polarizations calculated for the fourth TEKPol conformation

	x / Å	y / Å	z / Å	d^{A} / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	26.32	28.63	22.69				
e	21.10	18.81	26.87				
H	24.32	29.59	23.10	2.255891	139.09	0.29	479.62
H	28.17	27.22	22.47	2.333011	144.19	0.27	534.04
H	25.55	28.57	20.47	2.344127	129.54	0.3	431.80
H	19.24	20.23	27.38	2.393031	132.45	0.32	413.91
H	21.70	16.38	26.54	2.527246	130.2	0.33	394.55
H	25.93	29.37	25.07	2.529778	136.54	0.3	455.13
H	20.78	16.95	25.12	2.576355	129.91	0.33	393.67
H	28.89	28.90	23.27	2.643022	138.26	0.29	476.76
H	23.30	17.34	27.57	2.739867	130.04	0.33	394.06
H	20.63	20.99	28.67	2.864233	127.65	0.35	364.71
H	18.79	20.04	25.66	2.879763	130.6	0.33	395.76
H	24.04	18.99	27.21	2.972507	129	0.34	379.41
H	25.71	26.74	20.38	3.046894	129.54	0.31	417.87

H	27.86	30.49	24.61	3.08256	133.25	0.31	429.84
H	21.61	18.58	23.80	3.11672	124.77	0.36	346.58
H	22.76	21.50	26.99	3.165952	124.87	0.36	346.86
H	23.27	28.31	23.73	3.237341	132.63	0.32	414.47
H	24.71	27.16	25.20	3.325557	132.93	0.32	415.41
H	20.57	20.36	23.94	3.353551	124.37	0.36	345.47
H	27.78	25.68	23.44	3.373142	141.72	0.28	506.14
H	26.68	28.20	26.26	3.619592	134.38	0.31	433.48
H	23.35	26.62	23.52	3.681541	127.03	0.34	373.62
H	23.85	25.68	22.11	3.88811	123.53	0.36	343.14
H	21.63	22.62	26.23	3.901789	122.77	0.37	331.81
H	23.75	29.74	19.95	3.917434	122.98	0.35	351.37
H	28.42	27.11	25.67	3.949166	131.75	0.33	399.24
H	23.42	18.32	23.70	3.964264	121.44	0.37	328.22
H	21.20	21.92	24.41	3.971708	122.51	0.37	331.11
H	26.02	26.13	25.76	3.97316	133.24	0.31	429.81
H	28.50	29.76	26.12	4.220556	130.25	0.33	394.70
H	22.47	30.26	21.89	4.263535	124.37	0.36	345.47
H	29.36	26.55	20.43	4.317764	130.07	0.33	394.15
H	21.48	22.61	28.95	4.34702	123.08	0.37	332.65
H	28.07	29.19	18.70	4.383639	118.55	0.39	303.97
H	16.92	17.42	26.66	4.401911	111.29	0.43	258.81
H	19.57	22.75	25.55	4.420465	120.75	0.38	317.76
H	22.50	16.24	23.55	4.428298	119.46	0.38	314.37
H	25.10	18.08	25.04	4.457661	119.33	0.39	305.97
H	18.84	22.29	28.55	4.478868	121.9	0.37	329.46
H	30.79	29.38	22.34	4.544014	127.82	0.34	375.94
H	29.92	26.63	24.69	4.576761	130.17	0.33	394.45
H	22.93	26.65	20.25	4.628023	119.06	0.38	313.32
H	22.31	14.83	24.77	4.664524	119.98	0.38	315.74
H	21.65	28.63	21.99	4.727153	123.21	0.36	342.25
H	17.94	22.29	26.28	4.733312	119.46	0.39	306.31
H	23.81	27.42	18.81	4.776436	119.01	0.38	313.18
H	24.53	24.22	21.58	4.887171	121.63	0.36	337.86
H	25.63	16.95	26.40	4.91978	118.13	0.4	295.33
H	24.26	15.18	25.79	4.932747	118.64	0.39	304.21
H	22.64	22.90	24.49	4.976094	122.19	0.37	330.24
H	24.43	18.96	30.58	4.994979	109.92	0.43	255.63
H	22.78	29.31	26.78	5.461682	110.82	0.43	257.72
H	23.66	20.96	31.45	5.666538	109.7	0.44	249.32
H	22.78	24.19	23.15	5.699267	121.7	0.36	338.06
H	25.20	20.65	23.35	5.713925	118.46	0.38	311.74
H	21.58	25.69	24.06	5.742282	121.51	0.37	328.41
H	20.71	20.93	21.52	5.771798	119.05	0.38	313.29
H	25.89	22.92	21.59	5.826242	120.26	0.38	316.47
H	30.64	28.84	26.67	5.881669	112.58	0.42	268.05
H	23.46	16.08	22.16	5.934548	117.9	0.39	302.31
H	17.89	21.29	31.26	5.977616	110.27	0.43	256.44
H	22.63	30.95	18.54	6.022301	110.89	0.42	264.02
H	20.09	13.75	23.73	6.036214	108.71	0.44	247.07
H	21.31	24.71	28.56	6.138182	119.65	0.39	306.79
H	21.99	19.21	20.76	6.184828	118.46	0.38	311.74
H	20.21	27.35	23.21	6.266878	121.42	0.37	328.16
H	21.06	27.14	19.58	6.289718	115.58	0.4	288.95
H	27.52	29.42	16.51	6.340676	115.94	0.4	289.85
H	16.68	14.28	26.43	6.344563	104.65	0.45	232.56
H	28.36	34.19	25.00	6.355558	103.56	0.47	220.34
H	22.13	12.72	28.56	6.407967	105.76	0.45	235.02
H	26.02	22.07	24.29	6.444779	118.4	0.38	311.58
H	14.66	17.89	26.66	6.500175	108.39	0.44	246.34
H	17.39	24.17	26.77	6.51237	115.57	0.41	281.88
H	30.73	25.09	19.27	6.601603	111.41	0.43	259.09

H	24.31	25.62	17.12	6.636629	114.93	0.4	287.33
H	26.61	15.51	25.11	6.660389	114.69	0.41	279.73
H	15.98	19.85	22.70	6.684502	104.5	0.46	227.17
H	24.21	21.13	21.41	6.701898	118.91	0.38	312.92
H	23.05	34.08	20.40	6.761686	104.65	0.46	227.50
H	22.91	22.40	21.32	6.856416	118.81	0.38	312.66
H	30.68	31.70	18.27	6.921868	103.91	0.47	221.09
H	32.31	25.18	23.25	6.930456	110.37	0.43	256.67
H	33.22	29.53	22.44	6.956356	105.49	0.46	229.33
H	22.71	31.36	27.99	6.976424	107.82	0.45	239.60
H	21.41	14.77	32.60	7.013878	101.79	0.47	216.57
H	25.42	23.08	18.27	7.150692	115.08	0.4	287.70
H	32.15	32.85	23.25	7.216626	104.23	0.46	226.59
H	27.55	35.73	23.46	7.248393	103.38	0.47	219.96
H	19.92	31.95	23.45	7.250866	105.07	0.46	228.41
H	15.59	22.64	29.71	7.28549	109.13	0.44	248.02
H	17.35	17.90	20.63	7.335561	104.6	0.46	227.39
H	28.39	22.07	20.04	7.374046	114.76	0.41	279.90
H	18.04	24.60	23.40	7.407871	112.94	0.42	268.90
H	21.48	11.39	26.79	7.433839	105.7	0.45	234.89
H	22.29	34.88	22.50	7.44361	104.21	0.47	221.72
H	28.66	21.57	22.16	7.457857	114.65	0.41	279.63
H	28.26	19.85	25.00	7.477976	110.81	0.42	263.83
H	31.64	33.14	19.79	7.54708	103.77	0.47	220.79
H	25.81	17.57	32.81	7.68505	103.03	0.46	223.98
H	30.67	24.77	27.74	7.703199	104.85	0.46	227.93
H	29.90	27.62	29.46	7.726152	105.54	0.46	229.43
H	15.80	16.22	31.93	7.7737	101.22	0.47	215.36
H	21.20	22.62	33.69	7.810052	104.05	0.47	221.38
H	18.92	13.20	21.72	7.924253	105.72	0.45	234.93
H	33.14	29.57	26.74	7.988032	106.15	0.46	230.76
H	19.93	13.02	32.41	8.093686	101.91	0.47	216.83
H	27.75	22.40	29.76	8.095291	104.16	0.47	221.62
H	25.04	15.56	20.42	8.225898	111.73	0.42	266.02
H	23.82	31.50	15.38	8.238099	104.51	0.46	227.20
H	17.78	23.92	21.31	8.249354	113.01	0.42	269.07
H	27.69	15.90	31.00	8.309639	102.98	0.46	223.87
H	27.62	14.29	29.40	8.331997	103.05	0.46	224.02
H	30.94	31.32	29.08	8.333844	105.71	0.46	229.80
H	25.37	34.21	28.84	8.364473	102.35	0.47	217.77
H	34.39	29.66	24.63	8.36461	105.23	0.46	228.76
H	20.63	25.29	32.20	8.403421	105.97	0.46	230.37
H	20.32	31.70	17.61	8.438296	105.95	0.45	235.44
H	19.07	28.03	27.02	8.467816	109.83	0.44	249.61
H	18.70	17.40	18.84	8.494322	104.33	0.46	226.80
H	29.24	30.61	30.44	8.519093	105.4	0.46	229.13
H	14.23	23.38	24.63	8.549512	105.92	0.46	230.26
H	20.63	27.16	28.99	8.6221	109.45	0.44	248.75
H	17.21	26.53	26.52	8.65446	111.6	0.43	259.53
H	18.71	27.75	18.65	8.662315	107.41	0.44	244.11
H	13.65	19.93	22.58	8.667987	104.1	0.46	226.30
H	29.34	23.38	28.93	8.70104	104.52	0.47	222.38
H	14.95	20.59	32.90	8.793538	103.95	0.47	221.17
H	28.24	15.14	23.28	8.797727	111.09	0.43	258.35
H	32.17	35.14	23.68	8.80495	103.96	0.46	226.00
H	34.62	29.50	19.85	8.812064	103.78	0.46	225.61
H	22.07	34.37	27.86	8.812647	103	0.47	219.15
H	15.61	12.05	28.27	8.820893	101.95	0.47	216.91
H	27.66	35.68	17.50	8.851418	101.49	0.48	211.44
H	22.62	29.74	14.61	8.952081	104.37	0.47	222.06
H	27.40	22.89	31.97	9.072713	104.08	0.46	226.26
H	18.13	32.57	22.14	9.110187	104.62	0.46	227.43

H	29.79	18.48	24.05	9.149403	110.34	0.43	256.60
H	29.04	26.45	31.23	9.223499	105.31	0.46	228.93
H	16.22	19.93	34.62	9.228926	103.94	0.47	221.15
H	33.36	23.29	19.99	9.231103	106.58	0.45	236.84
H	23.92	27.72	31.59	9.261856	103.5	0.46	225.00
H	29.73	15.51	27.51	9.267745	104.15	0.46	226.41
H	18.42	30.17	18.09	9.272803	106.19	0.45	235.98
H	25.52	19.08	18.64	9.348018	106.88	0.45	237.51
H	33.21	22.59	24.68	9.372685	106.77	0.45	237.27
H	27.33	14.92	21.01	9.403831	110.89	0.43	257.88
H	33.68	26.03	27.95	9.410556	103.79	0.47	220.83
H	26.41	11.40	24.40	9.450207	104	0.47	221.28
H	35.78	28.60	22.35	9.457935	104.3	0.46	226.74
H	22.51	36.33	26.77	9.510233	102.99	0.47	219.13
H	25.96	38.16	22.27	9.548986	101.92	0.48	212.33
H	15.72	15.74	34.17	9.572622	101.5	0.47	215.96
H	21.47	20.30	36.49	9.737163	102.61	0.48	213.77
H	19.15	24.71	17.25	9.816915	104.99	0.46	228.24
H	24.83	11.47	21.43	9.871804	103.9	0.47	221.06
H	20.74	23.31	16.51	9.882608	105.03	0.45	233.40
H	33.37	35.03	19.78	9.953406	102.74	0.47	218.60
H	24.86	9.74	24.81	10.03173	103.87	0.47	221.00
H	11.51	21.60	28.06	10.05931	102.68	0.47	218.47
H	34.76	24.58	18.82	10.12606	106.55	0.45	236.78
H	13.50	25.38	25.41	10.15155	105.85	0.46	230.11
H	25.93	36.80	16.57	10.21247	101.6	0.49	207.35
H	12.31	15.92	22.50	10.23282	102.4	0.47	217.87
H	21.49	22.56	36.41	10.25647	102.56	0.48	213.67
H	19.30	36.09	23.36	10.27047	102.28	0.47	217.62
H	23.95	25.53	13.18	10.27789	104.14	0.46	226.39
H	26.82	12.91	33.09	10.30993	100.69	0.47	214.23
H	31.01	23.91	14.75	10.35123	103.08	0.47	219.32
H	25.65	17.64	36.10	10.35943	101.49	0.48	211.44
H	29.02	22.34	14.91	10.36261	103.35	0.47	219.89
H	16.64	30.60	25.96	10.40904	105.89	0.46	230.20
H	23.10	23.64	14.13	10.4216	104.15	0.46	226.41
H	15.52	13.27	20.02	10.42847	102.53	0.47	218.15
H	26.82	36.91	29.02	10.43712	101.76	0.47	216.51
H	19.32	13.33	18.16	10.44237	102.91	0.47	218.96
H	18.33	10.05	21.87	10.45603	102.78	0.47	218.68
H	17.48	30.65	28.10	10.56036	105.99	0.46	230.41
H	32.15	23.32	29.79	10.60912	103.21	0.47	219.60
H	10.92	20.09	29.70	10.63823	102.42	0.47	217.91
H	11.74	13.82	25.95	10.64477	101.45	0.48	211.35
H	27.16	29.44	12.06	10.69341	102.15	0.47	217.34
H	16.59	14.24	18.29	10.71642	102.58	0.47	218.26
H	35.36	29.02	28.52	10.76142	103.84	0.47	220.94
H	28.35	11.34	29.74	10.80059	102.5	0.47	218.09
H	31.97	25.80	13.87	10.8449	103.11	0.47	219.38
H	25.06	24.61	35.16	10.86579	103.4	0.48	215.42
H	21.42	38.04	20.31	10.87311	101.62	0.47	216.21
H	23.20	8.13	27.45	10.901	102.16	0.47	217.36
H	32.56	31.57	14.23	10.9134	101.35	0.48	211.15
H	20.54	32.42	14.22	10.93439	103.11	0.47	219.38
H	21.11	29.93	32.25	10.9701	102.72	0.47	218.55
H	14.58	26.89	30.44	10.98029	103.84	0.47	220.94
H	22.14	8.17	29.43	10.98966	101.88	0.47	216.77
H	10.91	17.72	22.73	11.04477	102.36	0.47	217.79
H	35.61	25.13	27.62	11.08086	103.56	0.46	225.13
H	12.08	12.21	27.60	11.19554	101.4	0.47	215.74
H	30.57	18.76	19.51	11.19981	106.46	0.45	236.58
H	32.11	36.80	17.62	11.22056	102.01	0.48	212.52

H	35.99	29.91	17.10	11.24166	102.71	0.47	218.53
H	36.41	30.67	27.25	11.25562	103.75	0.47	220.74
H	13.84	12.35	32.57	11.26806	100.73	0.48	209.85
H	28.29	35.58	14.03	11.27252	101.2	0.48	210.83
H	21.95	34.21	13.91	11.283	103	0.48	214.58
H	28.51	27.70	11.62	11.31589	102.18	0.47	217.40
H	27.26	24.36	34.62	11.35474	103.29	0.48	215.19
H	22.14	17.79	38.15	11.37528	101.23	0.48	210.90
H	26.99	10.81	21.27	11.40373	104.11	0.47	221.51
H	13.17	11.73	22.66	11.42693	101.47	0.47	215.89
H	20.23	12.98	36.73	11.48839	100.5	0.48	209.38
H	25.96	18.42	16.46	11.49239	106.56	0.45	236.80
H	16.35	28.76	16.96	11.49777	105.33	0.46	228.98
H	10.89	23.89	28.82	11.56478	103	0.47	219.15
H	11.10	15.27	31.53	11.58818	100.69	0.48	209.77
H	26.22	31.35	33.96	11.59353	101.74	0.48	211.96
H	17.55	23.12	16.68	11.62319	104.88	0.46	228.00
H	16.05	28.35	31.37	11.69914	103.96	0.47	221.19
H	38.04	28.94	22.36	11.7248	103.36	0.47	219.91
H	19.92	8.40	21.59	11.72745	102.35	0.46	222.50
H	21.97	12.00	17.31	11.76655	102.98	0.47	219.11
H	30.28	16.48	19.90	11.76826	106.25	0.45	236.11
H	22.92	38.10	16.56	11.78358	101.5	0.48	211.46
H	17.62	23.09	37.30	11.80269	101.35	0.48	211.15
H	21.84	31.94	33.10	11.80966	102.59	0.47	218.28
H	27.68	16.70	36.48	11.83739	101.39	0.48	211.23
H	24.72	11.01	18.71	11.85537	103.54	0.47	220.30
H	26.14	11.64	34.87	11.86302	100.53	0.47	213.89
H	17.52	15.99	37.88	11.91701	100.13	0.48	208.60
H	20.68	17.24	15.06	11.92386	102.52	0.46	222.87
H	13.05	10.31	24.56	11.93099	101.38	0.47	215.70
H	21.15	8.42	32.74	11.93475	100.86	0.48	210.13
H	32.64	18.01	30.04	11.99623	101.67	0.47	216.32
H	15.74	9.00	31.25	12.00007	100.67	0.48	209.73
H	23.75	40.34	22.07	12.002	101.76	0.48	212.00
H	17.20	33.46	16.51	12.02621	103.43	0.47	220.06
H	37.44	33.31	22.87	12.06023	102.08	0.48	212.67
H	22.37	28.53	34.11	12.08506	102.54	0.47	218.17
H	29.88	10.59	28.20	12.10305	102.48	0.47	218.04
H	22.02	21.96	38.52	12.10846	102.43	0.48	213.40
H	34.08	34.37	30.05	12.13823	101.9	0.48	212.29
H	33.11	18.09	25.24	12.14105	105.08	0.45	233.51
H	28.64	19.29	15.19	12.20403	104.27	0.46	226.67
H	18.48	37.93	24.49	12.29975	102.16	0.47	217.36
H	16.00	35.42	22.10	12.37014	102.13	0.47	217.30
H	11.15	26.18	28.67	12.50877	103.12	0.47	219.40
H	33.28	34.57	14.14	12.51232	101.49	0.48	211.44
H	18.10	17.88	39.01	12.53895	100.49	0.48	209.35
H	25.67	29.51	35.20	12.56076	101.89	0.48	212.27
H	10.30	16.81	33.02	12.58719	100.64	0.48	209.67
H	18.93	8.06	33.06	12.59276	100.81	0.48	210.02
H	25.73	7.78	30.82	12.59771	101.06	0.47	215.02
H	30.54	10.65	24.85	12.64133	102.87	0.47	218.87
H	23.62	14.16	38.38	12.66394	100.28	0.48	208.92
H	38.18	25.60	25.97	12.67334	103.1	0.47	219.36
H	32.74	38.15	28.08	12.68748	101.22	0.48	210.88
H	8.49	20.13	26.39	12.68813	102.25	0.48	213.02
H	14.95	19.25	15.72	12.74024	102.42	0.47	217.91
H	27.87	40.84	19.39	12.74432	100.72	0.48	209.83
H	33.93	22.03	30.49	12.74526	103.29	0.47	219.77
H	19.52	39.23	20.64	12.76331	101.92	0.47	216.85
H	29.77	23.34	35.07	12.7711	102.87	0.47	218.87

H	14.86	7.88	29.43	12.83712	100.81	0.48	210.02
H	18.00	6.28	26.17	12.92681	100.95	0.48	210.31
H	15.66	24.55	16.62	12.92914	104.64	0.46	227.48
H	35.66	35.25	28.71	12.94009	101.75	0.48	211.98
H	17.36	35.74	16.60	12.95742	103.21	0.47	219.60
H	13.19	29.04	26.00	12.95774	104.3	0.47	221.91
H	36.24	36.99	23.02	12.97714	101.52	0.48	211.50
H	28.53	35.26	11.74	12.98702	101.08	0.48	210.58
H	12.56	12.60	34.48	13.01182	100.41	0.48	209.19
H	31.40	39.77	27.16	13.02875	101.05	0.48	210.52
H	28.24	36.39	33.00	13.05003	100.72	0.48	209.83
H	24.07	34.00	11.00	13.05566	102.01	0.47	217.04
H	19.29	35.99	30.90	13.08227	101.48	0.48	211.42
H	38.17	23.17	21.62	13.08904	104.2	0.46	226.52
H	20.22	39.47	26.91	13.13734	101.56	0.47	216.09
H	33.89	28.94	11.94	13.15288	101.31	0.48	211.06
H	12.06	24.57	19.16	13.20115	102.21	0.47	217.47
H	33.09	17.23	32.20	13.21588	101.71	0.47	216.40
H	15.99	7.83	21.57	13.21662	101.56	0.48	211.58
H	37.85	30.04	16.33	13.23785	102.89	0.47	218.91
H	13.32	30.99	21.76	13.25266	102.12	0.47	217.28
H	24.08	40.00	29.12	13.25536	101.37	0.48	211.19
H	20.39	13.42	38.97	13.26705	100.49	0.48	209.35
H	24.08	10.88	16.53	13.37214	103.15	0.47	219.47
H	33.32	13.47	25.69	13.39075	102.84	0.47	218.81
H	30.92	13.68	19.28	13.43269	104.9	0.46	228.04
H	18.71	23.37	12.95	13.43308	103.39	0.46	224.76
H	35.82	35.68	16.32	13.4346	101.64	0.48	211.75
H	39.46	27.46	25.30	13.44224	102.94	0.47	219.02
H	10.67	25.35	32.34	13.47079	102.08	0.48	212.67
H	20.25	18.81	13.42	13.47632	102.52	0.46	222.87
H	36.31	28.39	31.73	13.47654	102.45	0.47	217.98
H	25.42	41.13	27.67	13.48839	101.16	0.48	210.75
H	8.46	14.43	28.63	13.49306	100.99	0.48	210.40
H	18.23	24.84	38.61	13.50908	101.18	0.48	210.79
H	32.93	32.18	33.92	13.51033	101.03	0.49	206.18
H	21.88	33.38	10.83	13.51817	102.09	0.47	217.21
H	34.85	24.77	32.45	13.523	102.48	0.47	218.04
H	23.09	36.21	33.43	13.54251	100.76	0.49	205.63
H	39.38	32.25	23.17	13.55981	102.24	0.48	213.00
H	10.76	18.21	18.07	13.58947	101.82	0.48	212.13
H	38.06	22.59	19.39	13.60705	104.31	0.46	226.76
H	9.78	23.33	33.02	13.65274	101.77	0.47	216.53
H	22.67	40.36	16.73	13.65563	101.57	0.48	211.60
H	34.83	17.98	23.71	13.66844	104.97	0.45	233.27
H	16.42	5.99	27.74	13.67013	101.01	0.48	210.44
H	29.90	40.61	17.11	13.688	100.58	0.48	209.54
H	14.85	28.52	15.23	13.68942	104.8	0.46	227.83
H	28.82	41.76	25.89	13.74573	100.73	0.48	209.85
H	32.81	30.49	10.67	13.78256	101.2	0.48	210.83
H	25.56	15.55	14.22	13.8051	103.54	0.47	220.30
H	14.67	36.00	23.82	13.83246	102.29	0.47	217.64
H	11.87	21.29	16.85	13.84243	102.53	0.48	213.60
H	22.73	26.51	9.42	13.90451	101.78	0.47	216.55
H	32.33	41.22	23.22	13.95738	100.56	0.48	209.50
H	30.45	17.12	37.17	14.0147	101.05	0.48	210.52
H	26.74	10.31	36.49	14.01878	100.72	0.48	209.83
H	8.23	13.21	26.72	14.03058	100.59	0.48	209.56
H	22.86	20.93	11.48	14.03131	102.72	0.46	223.30
H	36.31	37.30	17.98	14.04124	101.48	0.48	211.42
H	28.50	35.15	34.93	14.04263	100.8	0.48	210.00
H	15.56	26.87	37.01	14.08348	100.65	0.48	209.69

H	17.55	31.49	12.02	14.10242	102.15	0.48	212.81
H	17.04	35.81	30.54	14.12191	101.66	0.48	211.79
H	40.21	27.29	19.94	14.22054	102.65	0.47	218.40
H	7.24	21.91	25.67	14.24649	102.17	0.48	212.85
H	8.92	18.83	34.26	14.24667	100.55	0.48	209.48
H	24.67	9.68	37.21	14.24859	100.46	0.48	209.29
H	14.91	13.23	15.22	14.32614	101.51	0.47	215.98
H	18.12	29.95	35.40	14.3373	101.65	0.48	211.77
H	26.45	22.12	9.90	14.34737	101.84	0.47	216.68
H	10.95	10.02	31.99	14.36556	100.38	0.48	209.13
H	25.56	13.44	39.43	14.36786	100.34	0.48	209.04
H	18.58	10.01	38.02	14.42856	100.29	0.48	208.94
H	32.40	12.31	33.12	14.46514	100.91	0.48	210.23
H	14.79	34.35	29.33	14.4821	101.47	0.48	211.40
H	32.67	10.16	25.58	14.51114	102.86	0.47	218.85
H	31.84	22.76	35.80	14.51669	102.64	0.48	213.83
H	30.10	40.51	15.24	14.52043	100.49	0.48	209.35
H	14.03	35.58	19.30	14.52121	101.91	0.47	216.83
H	37.93	21.67	28.00	14.53798	101.83	0.48	212.15
H	7.80	20.51	21.22	14.55067	101.63	0.48	211.73
H	12.72	30.81	27.37	14.55495	104.08	0.46	226.26
H	23.30	5.99	20.26	14.59346	101.85	0.48	212.19
H	31.90	14.70	35.80	14.60507	100.84	0.48	210.08
H	11.79	29.29	21.19	14.62907	102.23	0.47	217.51
H	25.76	38.56	11.94	14.64132	100.86	0.49	205.84
H	14.13	21.03	14.15	14.66505	102.41	0.47	217.89
H	33.84	13.56	31.88	14.66754	101.05	0.48	210.52
H	32.36	16.70	36.08	14.70546	100.93	0.48	210.27
H	38.87	35.57	26.02	14.71475	101.61	0.48	211.69
H	34.91	19.52	14.94	14.71853	101.78	0.48	212.04
H	7.95	22.94	21.66	14.73236	101.53	0.47	216.02
H	25.78	5.64	31.53	14.73412	101.06	0.48	210.54
H	35.45	23.57	12.16	14.82622	101.1	0.49	206.33
H	37.20	30.25	32.66	14.85053	102.4	0.47	217.87
H	24.92	29.01	7.90	14.85325	101.33	0.48	211.10
H	37.27	38.56	24.36	14.86978	101.34	0.48	211.13
H	13.63	25.84	37.64	14.8751	100.93	0.48	210.27
H	29.04	18.82	11.83	14.88147	103.44	0.47	220.09
H	35.54	27.10	11.08	14.90134	101.1	0.48	210.63
H	19.96	25.22	9.65	14.9019	102.11	0.47	217.26
H	16.40	9.46	37.51	14.92152	100.14	0.48	208.63
H	25.85	26.94	7.83	14.95873	101.44	0.48	211.33
H	21.09	5.62	19.78	14.97713	101.77	0.47	216.53
H	35.32	14.43	25.17	14.98056	102.64	0.47	218.38
H	10.64	16.56	16.36	14.99036	101.62	0.48	211.71
H	11.02	11.17	18.82	14.99502	100.92	0.48	210.25
H	25.90	4.91	23.82	15.01884	100.8	0.48	210.00
H	10.57	17.17	37.50	15.04811	100.28	0.48	208.92
H	41.35	27.93	21.87	15.0639	102.65	0.48	213.85
H	13.18	31.17	15.75	15.0776	102.7	0.48	213.96
H	26.77	26.66	38.48	15.12178	101.4	0.48	211.25
H	20.23	29.15	8.84	15.13455	101.56	0.47	216.09
H	16.81	24.01	11.84	15.14651	102.9	0.47	218.94
H	29.32	6.68	30.69	15.14892	100.81	0.48	210.02
H	20.02	41.19	28.40	15.17009	101.42	0.48	211.29
H	16.54	21.67	41.07	15.18512	100.6	0.48	209.58
H	29.90	14.15	15.37	15.21258	103.4	0.47	220.00
H	21.23	15.84	41.80	15.22714	100.53	0.48	209.44
H	27.55	40.62	32.02	15.24129	100.36	0.49	204.82
H	19.52	3.75	25.11	15.24599	100.93	0.48	210.27
H	10.98	27.44	19.40	15.24982	102.05	0.48	212.60
H	13.05	30.71	32.04	15.26744	101.54	0.48	211.54

H	11.01	23.36	16.32	15.28278	102.34	0.47	217.74
H	24.56	18.36	11.50	15.28509	102.83	0.46	223.54
H	33.24	33.99	35.22	15.2868	101.06	0.48	210.54
H	28.93	43.59	24.50	15.28993	100.55	0.48	209.48
H	39.80	32.08	29.06	15.30343	101.53	0.48	211.52
H	39.59	34.81	18.14	15.3226	101.84	0.47	216.68
H	34.15	25.93	9.75	15.35591	101.12	0.48	210.67
H	40.52	32.74	18.49	15.368	101.72	0.48	211.92
H	40.05	29.59	15.78	15.39689	102.85	0.47	218.83
H	31.96	37.58	33.88	15.40086	100.39	0.49	204.88
H	15.06	5.76	21.24	15.43708	101.65	0.47	216.28
H	8.57	27.73	25.47	15.44459	101.93	0.48	212.35
H	30.57	39.90	32.36	15.44525	100.58	0.49	205.27
H	12.84	14.04	39.04	15.45989	100.1	0.48	208.54
H	16.66	4.16	29.14	15.47802	100.96	0.49	206.04
H	29.98	11.98	16.13	15.52412	103.56	0.47	220.34
H	7.34	17.24	33.98	15.56884	100.65	0.48	209.69
H	32.86	12.51	18.79	15.60026	104.28	0.46	226.70
H	35.92	25.04	34.47	15.61422	102.09	0.47	217.21
H	26.69	13.91	13.13	15.62103	103.57	0.47	220.36
H	20.88	18.25	42.48	15.62347	100.47	0.48	209.31
H	17.20	10.18	14.42	15.63945	101.65	0.47	216.28
H	32.17	43.13	22.00	15.64974	100.91	0.48	210.23
H	27.71	19.07	41.08	15.67536	100.22	0.48	208.79
H	20.87	31.31	37.15	15.68956	101.77	0.48	212.02
H	19.12	12.75	41.22	15.7047	100.35	0.48	209.06
H	33.19	26.63	36.67	15.70821	101.21	0.49	206.55
H	36.25	18.26	16.27	15.72042	101.38	0.48	211.21
H	32.00	28.49	37.36	15.73433	101.27	0.48	210.98
H	10.75	12.36	16.90	15.74897	101.17	0.48	210.77
H	18.20	8.39	15.41	15.75628	101.58	0.47	216.13
H	13.12	9.47	36.76	15.76828	100.12	0.48	208.58
H	13.58	15.66	40.40	15.79068	100.07	0.48	208.48
H	16.60	30.24	10.33	15.80473	102.04	0.47	217.11
H	22.25	37.75	34.94	15.80821	100.89	0.49	205.90
H	18.21	35.80	11.17	15.81006	101.14	0.48	210.71
H	28.87	5.23	24.55	15.81605	100.88	0.48	210.17
H	31.22	10.11	35.37	15.82197	100.96	0.48	210.33
H	38.13	22.93	31.69	15.89845	101.49	0.48	211.44
H	15.08	13.76	13.01	15.93643	101.74	0.48	211.96
H	38.44	19.49	27.54	15.93692	101.64	0.48	211.75
H	14.05	31.22	34.07	15.98441	101.53	0.48	211.52
H	25.18	26.66	40.20	15.99692	101.4	0.48	211.25
H	11.90	35.04	20.01	16.00577	101.75	0.48	211.98
H	23.36	3.20	23.96	16.04221	100.83	0.48	210.06
H	25.81	19.76	42.19	16.05466	100.59	0.48	209.56
H	32.18	41.37	14.78	16.09477	100.54	0.48	209.46
H	6.53	16.32	20.38	16.13403	100.67	0.48	209.73
H	29.66	9.08	17.26	16.1367	102.31	0.47	217.68
H	23.38	9.32	14.00	16.155	102.16	0.47	217.36
H	8.79	15.84	36.93	16.17355	100.19	0.48	208.73
H	35.16	21.56	11.12	16.1807	101.34	0.49	206.82
H	41.78	32.40	25.91	16.22848	101.37	0.48	211.19
H	39.27	37.85	26.28	16.29137	101.32	0.48	211.08
H	30.98	8.49	19.04	16.29461	102.64	0.47	218.38
H	22.54	30.39	38.47	16.32609	101.64	0.48	211.75
H	36.48	13.33	26.22	16.34659	102.7	0.47	218.51
H	37.25	33.06	11.33	16.36667	100.08	0.48	208.50
H	6.64	13.39	21.42	16.37694	100.69	0.48	209.77
H	23.00	6.75	15.95	16.37784	102.17	0.48	212.85
H	25.55	38.60	9.71	16.37955	100.65	0.49	205.41
H	10.24	6.63	28.32	16.38014	99.8	0.48	207.92

H	28.18	16.70	11.57	16.4158	103.38	0.47	219.96
H	14.07	35.97	30.78	16.4175	101.61	0.48	211.69
H	18.82	43.11	24.77	16.43702	100.65	0.48	209.69
H	39.79	23.75	14.59	16.44977	100.63	0.48	209.65
H	27.91	32.31	38.65	16.46107	100.5	0.49	205.10
H	4.98	16.32	29.29	16.4874	100.28	0.48	208.92
H	9.71	9.00	33.64	16.48883	99.93	0.49	203.94
H	41.92	30.83	27.62	16.50143	101.22	0.48	210.88
H	18.30	19.14	10.60	16.50825	102.29	0.46	222.37
H	30.83	37.74	9.62	16.55274	100.29	0.49	204.67
H	32.93	12.88	36.83	16.5634	100.74	0.48	209.88
H	21.05	21.30	43.26	16.57684	100.64	0.48	209.67
H	15.40	37.54	13.96	16.57781	101.48	0.48	211.42
H	21.08	2.25	25.91	16.585	100.8	0.48	210.00
H	41.12	25.20	29.42	16.61226	101.48	0.48	211.42
H	28.46	28.60	6.17	16.65166	100.69	0.48	209.77
H	40.54	20.09	24.23	16.65283	101.57	0.48	211.60
H	26.80	42.77	13.87	16.66921	100.35	0.48	209.06
H	20.49	40.55	32.80	16.68738	100.63	0.48	209.65
H	19.49	35.90	9.29	16.70654	101.01	0.48	210.44
H	40.93	36.82	22.75	16.74495	101.01	0.49	206.14
H	15.77	4.73	34.23	16.75262	100.16	0.48	208.67
H	27.77	22.54	7.15	16.75448	101.35	0.47	215.64
H	24.97	6.01	36.96	16.75478	100.36	0.48	209.08
H	20.59	30.46	7.01	16.79079	101.6	0.48	211.67
H	21.23	9.15	13.12	16.80152	102.05	0.47	217.13
H	23.17	2.36	29.69	16.82149	100.53	0.49	205.16
H	30.11	5.79	32.58	16.83486	100.91	0.48	210.23
H	13.19	7.24	17.41	16.90957	100.32	0.48	209.00
H	20.15	19.94	9.53	16.93113	102.53	0.46	222.89
H	4.92	23.34	29.15	16.95195	101	0.48	210.42
H	22.42	25.03	6.58	16.96237	101.64	0.48	211.75
H	10.92	31.27	16.08	16.97277	102.61	0.48	213.77
H	35.82	30.12	36.75	17.03156	100.5	0.49	205.10
H	28.58	34.75	6.95	17.03333	100.58	0.49	205.27
H	41.21	27.83	31.03	17.08345	101.25	0.48	210.94
H	16.94	42.54	25.93	17.08389	100.76	0.48	209.92
H	35.16	41.87	16.47	17.08879	100.41	0.48	209.19
H	43.16	31.07	21.01	17.09472	101.42	0.48	211.29
H	34.35	22.27	8.99	17.1032	101.27	0.49	206.67
H	22.98	7.57	39.63	17.10817	100.55	0.48	209.48
H	35.96	41.98	27.34	17.11566	100.4	0.48	209.17
H	7.45	28.84	23.79	17.20915	101.68	0.48	211.83
H	12.20	38.44	23.47	17.21093	101.79	0.48	212.06
H	37.44	35.36	11.40	17.21275	100.1	0.48	208.54
H	33.49	24.04	7.72	17.21558	101.37	0.48	211.19
H	9.61	29.29	18.60	17.22093	101.87	0.48	212.23
H	16.69	32.39	36.58	17.26623	101.04	0.48	210.50
H	4.97	25.15	27.72	17.35317	100.74	0.48	209.88
H	27.45	42.81	32.65	17.36354	100.39	0.49	204.88
H	15.90	42.18	19.50	17.3913	100.41	0.48	209.19
H	41.20	20.75	27.17	17.419	101.69	0.48	211.85
H	17.24	35.17	36.07	17.44339	100.64	0.48	209.67
H	15.82	22.35	43.13	17.4584	100.58	0.48	209.54
H	13.75	38.28	15.36	17.46388	101.2	0.48	210.83
H	17.14	1.91	29.06	17.49648	100.89	0.48	210.19
H	10.78	36.66	23.38	17.50582	101.86	0.48	212.21
H	25.72	13.77	43.01	17.53021	100	0.48	208.33
H	36.73	42.33	19.25	17.54607	100.44	0.48	209.25
H	34.80	42.53	29.25	17.55021	100.55	0.48	209.48
H	41.82	32.71	29.88	17.56157	101.37	0.48	211.19
H	33.00	37.46	9.04	17.57278	100.29	0.48	208.94

H	33.25	9.06	35.02	17.58533	100.63	0.48	209.65
H	11.18	24.49	40.26	17.60102	100.09	0.49	204.27
H	7.44	7.96	24.47	17.60901	99.67	0.48	207.65
H	27.88	13.42	42.23	17.63906	100.34	0.48	209.04
H	18.23	13.15	43.33	17.64386	100.33	0.49	204.76
H	35.98	19.50	36.35	17.65505	100.48	0.49	205.06
H	5.42	25.24	31.98	17.69776	100.36	0.48	209.08
H	15.26	39.61	31.07	17.6981	100.68	0.48	209.75
H	19.27	22.33	44.15	17.72737	100.49	0.48	209.35
H	21.35	3.21	35.32	17.7425	99.96	0.49	204.00
H	24.47	24.01	43.50	17.75079	100.59	0.48	209.56
H	22.09	1.11	28.07	17.76334	100.69	0.48	209.77
H	37.09	17.34	34.47	17.77152	100.56	0.48	209.50
H	3.79	14.88	27.98	17.78072	100.27	0.49	204.63
H	17.73	1.96	22.24	17.79287	100.5	0.48	209.38
H	5.39	20.94	34.99	17.80753	100.18	0.48	208.71
H	18.28	41.04	32.67	17.8448	100.47	0.47	213.77
H	17.33	6.04	38.77	17.85516	99.71	0.48	207.73
H	11.64	7.86	37.43	17.91333	100.01	0.48	208.35
H	24.83	5.38	15.61	17.92097	102.22	0.47	217.49
H	20.29	28.84	41.71	17.92874	100.66	0.48	209.71
H	8.96	5.58	26.65	17.95104	99.6	0.48	207.50
H	27.15	5.68	37.52	17.95849	100.31	0.49	204.71
H	23.28	40.99	35.36	17.9627	100.06	0.48	208.46
H	31.92	4.66	24.58	17.96549	100.36	0.48	209.08
H	9.47	26.24	38.40	17.98371	100.09	0.48	208.52
H	34.67	7.35	29.74	17.99263	100.08	0.49	204.24
H	28.97	2.73	28.80	18.00444	100.52	0.48	209.42
H	9.43	34.80	24.01	18.03304	101.84	0.48	212.17
H	29.12	40.28	9.19	18.04684	100.14	0.48	208.63
H	15.26	2.86	32.97	18.04693	100.27	0.48	208.90
H	21.41	14.57	9.32	18.0546	100.82	0.48	210.04
H	28.63	9.58	40.44	18.05811	100.17	0.49	204.43
H	39.35	21.54	33.02	18.07434	101.52	0.48	211.50
H	16.53	25.13	43.18	18.07926	100.43	0.48	209.23
H	14.78	18.65	9.91	18.10102	101.07	0.48	210.56
H	23.02	1.26	22.80	18.11709	100.88	0.48	210.17
H	33.62	31.72	6.36	18.14159	100.52	0.48	209.42
H	8.51	28.74	35.40	18.15568	100.17	0.49	204.43
H	38.42	13.36	27.38	18.16564	102.46	0.47	218.00
H	10.54	21.19	41.47	18.16692	99.64	0.48	207.58
H	15.70	41.03	14.70	18.17148	100.96	0.48	210.33
H	37.47	35.52	35.29	18.18306	99.78	0.49	203.63
H	24.93	34.63	5.57	18.19436	100.22	0.49	204.53
H	32.71	29.71	5.68	18.19531	100.63	0.48	209.65
H	12.80	19.59	10.68	18.20751	101.01	0.48	210.44
H	13.87	2.10	26.65	18.21154	100.61	0.48	209.60
H	32.63	35.94	7.22	18.23262	100.45	0.49	205.00
H	32.91	12.64	14.40	18.25247	102.46	0.48	213.46
H	7.73	28.10	18.59	18.26388	101.76	0.48	212.00
H	38.86	41.49	19.12	18.31555	100.65	0.49	205.41
H	28.39	33.41	5.12	18.3171	100.41	0.49	204.92
H	5.10	25.78	21.28	18.31814	100.95	0.48	210.31
H	28.95	30.33	40.75	18.33785	100.63	0.49	205.37
H	39.84	34.69	33.50	18.34073	99.9	0.49	203.88
H	12.33	35.00	12.68	18.34648	101.67	0.48	211.81
H	11.32	3.59	23.74	18.35498	99.89	0.49	203.86
H	8.57	12.10	38.49	18.36039	99.47	0.49	203.00
H	15.07	5.92	38.49	18.36558	99.63	0.48	207.56
H	10.57	35.07	29.61	18.37557	101.01	0.47	214.91
H	12.57	26.93	10.59	18.39282	100.62	0.48	209.63
H	14.87	42.16	27.59	18.39764	100.52	0.48	209.42

H	40.58	33.59	12.14	18.41541	100.13	0.48	208.60
H	39.11	15.41	21.72	18.41784	101.15	0.48	210.73
H	4.75	13.37	33.44	18.43801	99.57	0.49	203.20
H	4.85	19.45	18.17	18.44375	100.53	0.48	209.44
H	32.77	19.14	41.15	18.44487	100.01	0.49	204.10
H	6.27	28.99	31.01	18.45291	100.63	0.49	205.37
H	31.40	16.55	42.02	18.46454	100.2	0.48	208.75
H	11.36	32.93	12.74	18.47439	101.62	0.48	211.71
H	31.20	28.23	4.84	18.50461	100.7	0.48	209.79
H	9.78	35.64	18.24	18.51058	101.37	0.48	211.19
H	30.80	9.78	39.79	18.51227	100.01	0.49	204.10
H	12.06	24.88	11.47	18.524	100.49	0.48	209.35
H	37.86	14.94	17.91	18.53102	100.78	0.48	209.96
H	4.22	23.38	33.15	18.57698	100.06	0.48	208.46
H	34.08	5.51	25.98	18.60948	100.54	0.48	209.46
H	31.16	34.95	5.86	18.61209	100.48	0.49	205.06
H	38.68	17.03	32.79	18.63478	100.32	0.48	209.00
H	13.45	41.74	25.83	18.6399	100.67	0.48	209.73
H	34.89	43.06	14.55	18.65194	100.27	0.49	204.63
H	16.07	1.93	20.68	18.66669	100.58	0.48	209.54
H	6.25	7.52	28.01	18.68108	99.69	0.48	207.69
H	41.88	23.28	13.83	18.68375	100.77	0.49	205.65
H	35.51	7.93	31.76	18.70999	100.05	0.49	204.18
H	13.61	41.92	19.16	18.72397	100.65	0.48	209.69
H	24.52	40.45	37.19	18.79288	100.03	0.48	208.40
H	22.06	7.29	41.71	18.80638	100.31	0.48	208.98
H	22.96	25.67	4.40	18.8262	101.31	0.48	211.06
H	40.18	15.90	23.65	18.84411	101.28	0.48	211.00
H	11.39	5.89	17.13	18.86678	100.34	0.48	209.04
H	7.11	6.93	22.46	18.8713	99.58	0.48	207.46
H	43.70	35.95	21.71	18.88256	100.88	0.49	205.88
H	5.65	19.71	16.04	18.88605	100.32	0.48	209.00
H	23.87	1.48	19.89	18.88673	100.79	0.48	209.98
H	35.71	30.15	39.03	18.90726	100.34	0.48	209.04
H	21.12	27.80	43.57	18.96467	100.67	0.48	209.73
H	15.83	37.18	35.97	18.9701	100.66	0.49	205.43
H	37.13	38.11	35.10	18.99394	99.57	0.49	203.20
H	34.58	6.41	21.74	19.0228	100.69	0.48	209.77
H	34.90	7.70	19.87	19.04876	100.65	0.48	209.69
H	7.18	13.86	38.94	19.07001	99.57	0.48	207.44
H	33.94	33.81	39.39	19.0742	100.27	0.48	208.90
H	19.04	12.66	8.88	19.12324	100.39	0.48	209.15
H	40.35	27.74	9.67	19.15203	100.19	0.48	208.73
H	31.32	6.07	36.90	19.16684	100.2	0.49	204.49
H	24.27	20.45	5.44	19.19485	100.69	0.48	209.77
H	24.64	44.06	34.00	19.20777	100.15	0.49	204.39
H	24.26	35.31	40.62	19.24541	100.13	0.49	204.35
H	8.41	33.82	17.88	19.26151	101.5	0.48	211.46
H	37.50	32.40	7.45	19.26171	99.96	0.49	204.00
H	43.77	21.04	19.72	19.26233	100.77	0.48	209.94
H	19.53	36.71	38.80	19.26447	100.23	0.49	204.55
H	6.84	19.61	13.93	19.26591	100.52	0.49	205.14
H	2.10	21.95	26.23	19.26818	101.18	0.48	210.79
H	16.30	2.72	17.41	19.2723	100.77	0.48	209.94
H	32.86	23.35	41.44	19.27267	100.29	0.49	204.67
H	11.27	2.81	31.33	19.29934	99.45	0.49	202.96
H	9.57	4.01	22.31	19.30417	99.89	0.48	208.10
H	33.93	10.63	14.99	19.30817	102.31	0.48	213.15
H	19.50	1.93	36.11	19.3093	99.8	0.49	203.67
H	11.41	32.46	36.50	19.31037	100.6	0.49	205.31
H	4.75	20.22	37.07	19.31933	100.26	0.49	204.61
H	17.20	27.19	43.86	19.34618	100.3	0.49	204.69

H	30.83	14.52	43.07	19.37802	100.14	0.48	208.63
H	13.50	40.91	30.49	19.39361	100.58	0.48	209.54
H	26.96	29.40	3.31	19.40091	100.42	0.48	209.21
H	38.57	12.48	21.24	19.41717	100.62	0.49	205.35
H	22.23	34.26	40.82	19.4231	100.34	0.48	209.04
H	15.54	30.24	41.56	19.43132	99.86	0.49	203.80
H	17.62	32.62	5.74	19.46414	100.34	0.49	204.78
H	4.94	29.64	27.66	19.46757	100.94	0.48	210.29
H	12.84	20.30	44.51	19.53632	99.96	0.49	204.00
H	30.30	37.42	39.71	19.56926	99.52	0.49	203.10
H	7.27	31.88	31.49	19.57977	100.2	0.49	204.49
H	20.25	35.55	5.39	19.59938	99.89	0.49	203.86
H	3.74	10.51	30.65	19.60718	99.45	0.49	202.96
H	43.70	35.68	16.97	19.60892	100.26	0.49	204.61
H	16.29	34.17	6.76	19.61733	100.7	0.49	205.51
H	30.17	2.78	20.10	19.62847	100.39	0.48	209.15
H	22.15	29.88	3.54	19.63118	100.56	0.48	209.50
H	28.11	6.07	13.68	19.63277	100.85	0.48	210.10
H	44.01	20.62	25.67	19.63914	101.25	0.48	210.94
H	39.75	17.85	13.23	19.64712	100.45	0.48	209.27
H	31.78	43.01	10.46	19.65096	99.97	0.49	204.02
H	41.76	39.66	17.55	19.65656	100.31	0.49	204.71
H	10.10	2.68	29.34	19.6746	99.79	0.48	207.90
H	8.35	21.68	41.60	19.68674	99.82	0.49	203.71
H	24.78	14.75	7.96	19.69194	101.03	0.48	210.48
H	21.25	37.51	5.85	19.70537	99.77	0.49	203.61
H	38.27	19.89	36.50	19.719	100.18	0.49	204.45
H	12.46	35.57	34.89	19.72702	100.21	0.48	208.77
H	43.08	38.36	26.46	19.73752	100.28	0.49	204.65
H	6.59	8.76	35.78	19.76802	99.46	0.49	202.98
H	37.76	11.74	34.91	19.80647	99.93	0.49	203.94
H	28.27	2.04	19.15	19.80798	100.42	0.48	209.21
H	39.49	16.12	14.75	19.81737	100.5	0.48	209.38
H	17.18	1.13	18.73	19.84936	100.87	0.48	210.15
H	13.31	4.40	38.10	19.85446	99.75	0.48	207.81
H	7.47	7.38	18.01	19.87008	99.83	0.48	207.98
H	8.59	19.25	11.43	19.87019	100.12	0.48	208.58
H	15.55	43.33	14.76	19.87393	100.65	0.48	209.69
H	37.43	40.26	34.40	19.89876	99.7	0.49	203.47
H	34.24	36.09	39.36	19.90475	99.96	0.48	208.25
H	12.01	2.21	20.62	19.92912	100.2	0.48	208.75
H	29.30	42.85	36.35	19.93825	99.95	0.49	203.98
H	11.25	8.14	13.21	19.93951	99.82	0.49	203.71
H	38.33	39.90	11.43	19.94447	99.72	0.49	203.51
H	20.33	43.65	10.91	20.00229	100.05	0.49	204.18
H	18.16	27.69	4.44	20.00746	100.45	0.49	205.00
H	38.34	41.44	13.11	20.0075	99.75	0.48	207.81
H	7.19	34.47	23.87	20.03964	101.86	0.48	212.21
H	1.68	19.45	21.79	20.07849	101.01	0.48	210.44
H	26.65	7.89	42.80	20.09198	99.81	0.49	203.69
H	19.51	42.07	9.39	20.09344	100.14	0.49	204.37
H	2.63	11.62	23.42	20.11704	99.71	0.49	203.49
H	37.96	13.53	16.20	20.13293	100.94	0.48	210.29
H	43.83	27.25	32.53	20.13328	100.68	0.48	209.75
H	23.45	43.18	9.07	20.13361	99.75	0.49	203.57
H	24.31	9.65	9.22	20.1424	100.56	0.48	209.50
H	9.25	4.84	35.27	20.14694	99.3	0.49	202.65
H	16.06	13.81	7.99	20.16541	99.94	0.49	203.96
H	1.21	18.09	23.59	20.17122	100.95	0.48	210.31
H	38.98	26.20	7.14	20.1928	100.3	0.48	208.96
H	33.55	6.07	36.42	20.21091	100.2	0.49	204.49
H	18.35	38.67	38.35	20.24431	100.14	0.49	204.37

H	23.75	34.75	3.56	20.24446	100.03	0.49	204.14
H	37.71	16.34	38.22	20.27346	99.76	0.49	203.59
H	15.24	3.72	14.64	20.28099	100.12	0.49	204.33
H	2.89	12.18	32.87	20.28362	99.43	0.5	198.86
H	5.60	26.93	16.58	20.29708	100.99	0.48	210.40
H	5.79	13.12	14.81	20.29979	99.91	0.49	203.90
H	32.26	22.46	43.43	20.30908	100.41	0.48	209.19
H	10.25	28.42	10.25	20.32257	100.46	0.48	209.29
H	7.32	29.71	37.09	20.32358	100.05	0.48	208.44
H	24.13	16.45	6.54	20.34506	101.26	0.48	210.96
H	36.56	11.84	38.17	20.38159	99.88	0.49	203.84
H	14.56	29.54	6.04	20.39925	100.31	0.48	208.98
H	1.80	12.35	25.39	20.40354	99.73	0.49	203.53
H	28.98	22.92	3.28	20.40714	100.29	0.48	208.94
H	37.42	37.21	7.82	20.44196	99.41	0.49	202.88
H	4.32	25.79	36.25	20.44363	100.23	0.49	204.55
H	39.71	29.23	38.13	20.44678	99.8	0.48	207.92
H	13.90	44.56	25.85	20.44941	100.47	0.48	209.31
H	2.94	26.49	21.39	20.45845	101.2	0.48	210.83
H	15.99	7.52	10.58	20.47087	99.41	0.49	202.88
H	4.50	9.72	34.77	20.50445	99.5	0.49	203.06
H	25.67	0.03	20.01	20.50688	100.66	0.48	209.71
H	36.82	17.52	40.02	20.53917	99.66	0.48	207.63
H	32.49	5.02	16.78	20.54379	100.78	0.48	209.96
H	18.28	3.14	39.87	20.55746	99.46	0.48	207.21
H	5.30	16.64	39.88	20.57312	99.63	0.49	203.33
H	34.15	18.20	42.76	20.57454	100.17	0.49	204.43
H	40.91	27.52	37.15	20.5755	99.88	0.48	208.08
H	41.79	34.57	10.49	20.57868	99.67	0.48	207.65
H	13.28	38.14	9.91	20.58753	99.96	0.49	204.00
H	34.08	5.22	18.42	20.60446	101	0.48	210.42
H	8.94	36.44	30.58	20.62596	100.59	0.47	214.02
H	4.08	7.09	25.89	20.68039	99.78	0.48	207.88
H	30.74	0.88	30.52	20.68298	100.43	0.48	209.23
H	40.26	40.97	31.72	20.68742	99.53	0.49	203.12
H	29.68	8.94	10.81	20.70966	100.64	0.48	209.67
H	15.72	22.18	6.10	20.71324	100.54	0.48	209.46
H	29.34	15.64	6.84	20.7145	101.27	0.47	215.47
H	1.12	24.43	26.99	20.75435	100.91	0.48	210.23
H	43.44	38.62	16.44	20.78536	100.12	0.49	204.33
H	23.46	44.38	35.97	20.80086	100.26	0.49	204.61
H	29.33	41.08	6.25	20.8401	99.97	0.48	208.27
H	44.11	36.07	30.62	20.85198	100.14	0.49	204.37
H	41.24	42.82	26.24	20.89049	99.48	0.49	203.02
H	4.94	25.20	15.23	20.91691	101.11	0.48	210.65
H	1.47	22.38	33.18	20.92001	100.29	0.48	208.94
H	42.95	16.81	17.72	20.99659	100.35	0.49	204.80
H	42.00	25.21	9.13	21.00621	100.26	0.49	204.61
H	23.98	39.16	4.65	21.00942	99.6	0.49	203.27
H	40.88	22.45	36.51	21.0099	100.26	0.48	208.88
H	31.30	28.02	43.09	21.01329	100.2	0.48	208.75
H	20.81	0.90	15.85	21.02612	100.51	0.48	209.40
H	8.97	31.71	38.22	21.02736	99.98	0.48	208.29
H	12.60	2.48	37.08	21.04956	99.41	0.48	207.10
H	30.60	26.14	44.19	21.07328	100.11	0.49	204.31
H	34.76	15.98	8.05	21.10366	99.64	0.48	207.58
H	9.10	10.13	11.81	21.12082	99.79	0.49	203.65
H	41.48	13.29	26.55	21.12115	101.43	0.48	211.31
H	0.60	21.58	31.23	21.13775	100.2	0.49	204.49
H	36.99	24.23	40.43	21.16611	99.85	0.48	208.02
H	11.23	43.48	22.95	21.17171	100.33	0.49	204.76
H	27.19	27.96	1.54	21.17835	100.35	0.48	209.06

H	40.61	42.25	30.40	21.18803	99.51	0.49	203.08
H	19.83	3.19	12.59	21.19925	100.34	0.48	209.04
H	31.17	10.57	10.12	21.21561	100.43	0.48	209.23
H	10.89	16.59	8.40	21.21797	99.91	0.48	208.15
H	5.84	32.47	18.41	21.27558	101.26	0.48	210.96
H	39.76	10.60	20.72	21.29442	100.67	0.49	205.45
H	1.05	18.00	34.04	21.30873	100.09	0.49	204.27
H	28.64	42.70	38.52	21.3094	99.97	0.49	204.02
H	1.82	18.94	35.97	21.31996	100.1	0.48	208.54
H	7.99	14.46	10.61	21.32981	99.8	0.48	207.92
H	23.65	20.21	3.27	21.33372	100.56	0.48	209.50
H	37.54	13.50	39.40	21.34549	99.84	0.49	203.76
H	22.52	2.50	40.58	21.35495	99.85	0.49	203.78
H	33.49	42.63	37.14	21.3585	99.86	0.49	203.80
H	10.99	14.33	8.59	21.3648	99.89	0.48	208.10
H	12.46	36.35	37.03	21.38665	100.25	0.49	204.59
H	29.34	38.75	41.29	21.39695	99.48	0.49	203.02
H	23.85	42.20	39.05	21.39942	99.89	0.48	208.10
H	39.40	32.40	6.16	21.40547	99.91	0.48	208.15
H	43.10	18.33	31.08	21.40573	100.58	0.48	209.54
H	39.96	44.60	26.97	21.4306	99.27	0.48	206.81
H	18.51	23.30	3.40	21.47758	100.59	0.49	205.29
H	12.63	7.75	10.52	21.48273	99.47	0.49	203.00
H	27.70	21.19	2.58	21.4864	100.27	0.48	208.90
H	10.00	24.28	9.30	21.48789	100.24	0.48	208.83
H	36.27	5.00	33.26	21.48834	99.47	0.49	203.00
H	23.13	30.01	1.47	21.50217	100.53	0.48	209.44
H	15.36	32.32	42.58	21.50252	100.12	0.48	208.58
H	36.85	36.57	5.68	21.51685	99.36	0.49	202.78
H	6.98	5.14	18.10	21.5194	99.82	0.48	207.96
H	12.83	8.92	44.11	21.5257	99.09	0.49	202.22
H	40.69	42.54	14.66	21.54504	99.86	0.49	203.80
H	22.76	1.10	14.70	21.55489	100.68	0.48	209.75
H	23.39	41.22	5.43	21.56311	99.52	0.49	203.10
H	0.07	15.73	30.52	21.56513	100.4	0.48	209.17
H	43.91	41.12	22.62	21.57551	99.92	0.48	208.17
H	4.20	28.02	36.64	21.58113	99.99	0.48	208.31
H	28.40	5.60	11.41	21.60714	100.89	0.49	205.90
H	11.60	44.37	20.87	21.63241	100.33	0.48	209.02
H	40.77	13.18	33.98	21.65884	99.85	0.49	203.78
H	11.71	39.45	10.89	21.67291	100.26	0.49	204.61
H	7.47	15.06	43.30	21.67344	99.67	0.49	203.41
H	37.81	30.07	4.35	21.68339	99.99	0.49	204.06
H	7.01	2.40	25.23	21.68709	99.63	0.48	207.56
H	2.94	7.54	30.62	21.69345	99.47	0.49	203.00
H	42.91	15.64	27.88	21.69891	100.86	0.48	210.13
H	10.93	10.31	44.11	21.74256	99.07	0.49	202.18
H	13.31	33.45	40.96	21.75926	100.07	0.48	208.48
H	7.79	36.73	14.66	21.76292	100.61	0.48	209.60
H	13.82	35.95	6.41	21.78939	100.21	0.48	208.77
H	28.39	13.53	7.01	21.81102	101.05	0.48	210.52
H	41.65	40.02	33.24	21.8167	99.5	0.49	203.06
H	20.31	22.03	2.78	21.81872	100.54	0.49	205.18
H	2.28	10.32	19.77	21.82506	99.66	0.49	203.39
H	31.75	2.45	36.66	21.83958	100.21	0.49	204.51
H	34.84	27.62	2.59	21.85118	100.3	0.48	208.96
H	33.48	31.73	2.27	21.85418	99.89	0.49	203.86
H	33.50	20.50	3.70	21.8637	99.68	0.48	207.67
H	39.85	20.09	7.77	21.87034	99.33	0.48	206.94
H	39.40	10.16	35.19	21.88456	99.72	0.49	203.51
H	34.67	41.25	38.52	21.90326	99.71	0.49	203.49
H	44.58	24.64	11.24	21.91114	99.93	0.49	203.94

H	36.46	3.19	27.34	21.91653	99.64	0.49	203.35
H	25.47	11.15	6.80	21.92139	100.35	0.48	209.06
H	7.20	27.23	12.06	21.92354	100.7	0.48	209.79
H	26.28	5.88	43.81	21.93389	99.72	0.49	203.51
H	0.96	27.52	27.09	21.93764	101.08	0.48	210.58
H	14.88	23.70	4.61	21.95795	100.42	0.48	209.21
H	37.18	4.45	31.24	21.99945	99.49	0.49	203.04
H	34.44	2.14	21.57	22.00012	100.47	0.48	209.31
H	4.41	31.12	19.51	22.00522	101.36	0.48	211.17
H	2.76	29.77	21.32	22.07028	101.26	0.48	210.96
H	20.64	38.90	3.97	22.0934	99.85	0.49	203.78
H	28.74	33.18	44.20	22.12121	100.11	0.49	204.31
H	36.79	16.73	7.24	22.12973	99.62	0.48	207.54
H	7.12	34.82	13.55	22.15173	100.78	0.48	209.96
H	4.62	13.80	12.94	22.15265	99.9	0.49	203.88
H	14.73	14.13	6.17	22.16097	99.92	0.49	203.92
H	14.55	30.61	4.00	22.1714	100.34	0.48	209.04
H	40.77	25.19	6.22	22.17563	100.18	0.48	208.71
H	43.24	16.19	15.53	22.18722	100.16	0.48	208.67
H	16.97	6.95	8.56	22.20298	99.35	0.49	202.76
H	13.90	3.09	12.94	22.20427	100.01	0.48	208.35
H	8.44	2.74	35.55	22.22035	99.12	0.49	202.29
H	0.71	23.67	19.48	22.22588	100.66	0.49	205.43
H	33.21	7.62	11.96	22.23078	100.21	0.48	208.77
H	17.22	27.67	2.39	22.26581	100.58	0.49	205.27
H	19.08	34.66	42.87	22.27286	99.9	0.48	208.13
H	35.98	41.40	7.20	22.27516	99.58	0.49	203.22
H	8.00	23.18	9.36	22.29879	100.19	0.49	204.47
H	9.11	1.27	20.08	22.29954	100.18	0.48	208.71
H	27.76	1.69	39.52	22.30033	99.57	0.49	203.20
H	3.13	31.42	22.83	22.31959	101.32	0.48	211.08
H	36.26	13.30	9.84	22.3335	99.8	0.48	207.92
H	39.85	6.81	24.79	22.35632	99.82	0.48	207.96
H	4.49	17.41	41.83	22.39283	99.8	0.49	203.67
H	8.29	7.98	12.02	22.39982	99.66	0.49	203.39
H	0.84	27.51	30.91	22.41015	100.84	0.48	210.08
H	7.26	39.74	26.66	22.41682	99.78	0.48	207.88
H	6.81	16.26	9.77	22.42694	99.97	0.49	204.02
H	26.20	1.07	14.11	22.43553	100.82	0.48	210.04
H	14.56	41.51	36.81	22.44419	99.81	0.49	203.69
H	4.60	4.31	31.60	22.46196	99.52	0.49	203.10
H	9.12	41.92	28.36	22.46613	99.92	0.48	208.17
H	32.50	1.18	34.90	22.47799	100.04	0.49	204.16
H	43.73	18.22	12.89	22.52139	100.13	0.49	204.35
H	36.53	7.76	14.75	22.52142	100.44	0.48	209.25
H	30.83	34.14	44.06	22.53024	99.84	0.49	203.76
H	2.46	31.46	27.73	22.541	100.97	0.48	210.35
H	18.19	41.20	5.83	22.5447	99.3	0.49	202.65
H	9.54	29.80	7.61	22.59057	100.2	0.48	208.75
H	42.02	34.55	37.87	22.6262	99.58	0.49	203.22
H	37.17	30.75	42.44	22.6378	99.75	0.49	203.57
H	1.55	15.43	37.79	22.64244	99.45	0.49	202.96
H	39.83	10.00	17.67	22.6524	100.43	0.48	209.23
H	15.78	2.18	41.32	22.6611	99.28	0.49	202.61
H	1.49	14.06	16.53	22.66908	99.85	0.48	208.02
H	8.00	35.03	35.81	22.68323	99.9	0.49	203.88
H	7.56	5.39	39.24	22.72132	99.03	0.49	202.10
H	33.67	32.27	43.88	22.72237	99.86	0.49	203.80
H	38.16	44.16	34.36	22.75123	99.67	0.49	203.41
H	2.09	20.96	14.51	22.76826	100.03	0.49	204.14
H	2.47	8.06	19.38	22.77171	99.77	0.49	203.61
H	6.39	20.74	44.15	22.77243	99.45	0.49	202.96

H	38.93	10.17	15.63	22.78074	100.32	0.49	204.73
H	23.07	35.86	44.06	22.80048	99.88	0.48	208.08
H	34.36	1.26	32.88	22.80285	100.18	0.49	204.45
H	0.12	10.24	29.61	22.82254	99.93	0.48	208.19
H	19.09	18.18	3.73	22.82627	100.11	0.48	208.56
H	18.40	2.66	10.88	22.88481	100.21	0.49	204.51
H	22.75	41.90	41.02	22.9106	99.88	0.48	208.08
H	23.43	23.04	0.65	22.91663	100.75	0.48	209.90
H	17.05	19.28	3.92	22.92284	100.21	0.48	208.77
H	12.59	5.26	10.42	22.94822	99.59	0.49	203.24
H	5.12	26.18	12.13	22.95376	100.58	0.48	209.54
H	20.04	33.43	44.56	22.97266	99.77	0.48	207.85
H	39.09	28.37	3.59	22.97292	100.09	0.49	204.27
H	41.47	44.29	30.01	22.98434	99.35	0.49	202.76
H	35.70	9.71	42.19	23.04274	99.74	0.49	203.55
H	13.28	42.94	10.14	23.07828	99.55	0.49	203.16
H	37.67	24.97	42.46	23.09537	100.1	0.48	208.54
H	18.44	38.79	3.50	23.09944	99.94	0.49	203.96
H	2.72	21.73	40.57	23.10736	99.64	0.49	203.35
H	32.84	18.39	3.01	23.11791	99.84	0.49	203.76
H	26.92	2.65	42.35	23.12002	99.77	0.49	203.61
H	12.13	34.74	5.47	23.13115	100.14	0.48	208.63
H	42.65	15.50	34.71	23.16865	100.03	0.49	204.14
H	9.52	1.64	16.41	23.20015	100.05	0.48	208.44
H	14.76	38.39	40.33	23.24507	100.02	0.49	204.12
H	41.60	7.82	25.84	23.28035	99.67	0.48	207.65
H	0.37	12.82	18.08	23.29133	100.05	0.48	208.44
H	38.21	8.20	38.59	23.30307	99.24	0.49	202.53
H	3.46	3.78	29.47	23.31151	99.51	0.48	207.31
H	38.98	4.78	21.62	23.32835	100.22	0.48	208.79
H	29.00	38.87	1.89	23.33207	99.49	0.49	203.04
H	39.23	34.10	41.35	23.33779	99.52	0.49	203.10
H	40.05	43.48	10.99	23.36011	99.58	0.48	207.46
H	42.65	19.96	36.99	23.37309	99.88	0.49	203.84
H	3.64	3.66	23.31	23.38499	99.67	0.49	203.41
H	15.47	36.76	41.74	23.38964	99.72	0.49	203.51
H	0.51	7.88	24.34	23.44644	99.74	0.49	203.55
H	6.47	33.72	11.26	23.46456	100.35	0.49	204.80
H	41.08	26.03	40.75	23.46517	100.16	0.49	204.41
H	14.55	43.77	36.28	23.50639	99.8	0.49	203.67
H	3.59	32.98	33.62	23.51183	100	0.49	204.08
H	11.32	0.83	15.28	23.51958	100.09	0.49	204.27
H	6.60	27.83	43.05	23.52417	99.47	0.49	203.00
H	22.26	7.43	6.29	23.5505	99.39	0.48	207.06
H	10.38	21.70	6.09	23.56293	99.73	0.49	203.53
H	22.41	0.39	41.53	23.58245	99.89	0.49	203.86
H	4.24	18.91	10.37	23.58482	99.64	0.49	203.35
H	18.25	42.83	39.70	23.58572	99.76	0.48	207.83
H	37.42	35.37	3.00	23.58719	99.18	0.49	202.41
H	6.62	41.04	18.88	23.59316	99.86	0.48	208.04
H	5.24	20.76	9.48	23.6126	99.73	0.48	207.77
H	35.29	0.37	22.74	23.63542	100.52	0.47	213.87
H	11.22	35.58	40.28	23.63909	99.67	0.49	203.41
H	32.72	6.27	43.22	23.65627	99.4	0.48	207.08
H	32.25	5.96	10.38	23.69375	100.42	0.48	209.21
H	6.05	0.72	23.99	23.70892	99.72	0.49	203.51
H	18.18	44.58	38.23	23.70913	99.85	0.49	203.78
H	25.72	39.69	43.65	23.71183	99.78	0.49	203.63
H	10.74	42.07	34.50	23.72851	99.61	0.49	203.29
H	2.34	8.48	37.12	23.73367	99.39	0.49	202.84
H	36.05	0.95	31.42	23.73801	100.07	0.49	204.22
H	0.17	8.55	22.22	23.76346	100.04	0.49	204.16

H	39.66	9.95	38.79	23.77	99.42	0.49	202.90
H	2.93	6.51	36.08	23.7947	99.27	0.49	202.59
H	42.84	9.97	30.85	23.80683	99.61	0.49	203.29
H	36.42	22.55	2.00	23.81004	99.8	0.48	207.92
H	39.20	37.13	40.83	23.81413	99.45	0.49	202.96
H	10.21	28.63	5.14	23.82367	99.99	0.49	204.06
H	1.67	16.53	13.25	23.83029	100.21	0.49	204.51
H	41.52	39.09	7.58	23.84555	99.25	0.49	202.55
H	5.69	25.84	43.69	23.87096	99.48	0.49	203.02
H	6.27	41.32	25.34	23.88205	99.64	0.48	207.58
H	44.05	21.26	8.45	23.90105	99.7	0.49	203.47
H	7.71	7.09	42.87	23.92792	99.02	0.49	202.08
H	4.68	35.90	30.46	23.96628	100.18	0.49	204.45
H	36.30	7.57	41.60	23.97092	99.49	0.49	203.04
H	21.09	36.38	0.60	23.98642	99.91	0.48	208.15
H	14.21	9.70	5.76	23.99544	99.65	0.49	203.37
H	36.87	7.72	12.52	24.03724	100.23	0.48	208.81
H	40.65	19.40	5.72	24.04516	99.46	0.48	207.21
H	16.05	41.35	5.02	24.0729	99.45	0.49	202.96
H	38.29	3.50	19.83	24.07722	100.24	0.49	204.57
H	41.28	6.80	21.59	24.07935	100.25	0.49	204.59
H	4.98	34.61	35.32	24.09822	100.21	0.48	208.77
H	36.09	27.29	0.67	24.12369	100.18	0.48	208.71
H	3.63	3.25	20.91	24.13282	99.68	0.49	203.43
H	0.06	29.66	22.11	24.14171	101.48	0.48	211.42
H	39.47	3.11	27.80	24.18975	99.44	0.49	202.94
H	25.72	41.86	42.94	24.19822	99.86	0.49	203.80
H	4.23	29.54	40.51	24.2022	100.24	0.49	204.57
H	4.39	7.66	13.34	24.2192	99.76	0.49	203.59
H	4.06	36.59	17.41	24.22525	100.22	0.48	208.79
H	21.16	12.14	3.57	24.23349	99.95	0.48	208.23
H	35.96	11.28	8.78	24.23555	99.68	0.49	203.43
H	5.34	4.91	39.10	24.31243	99.32	0.49	202.69
H	37.18	37.63	2.83	24.35996	99.11	0.49	202.27
H	0.93	27.13	37.78	24.38699	100.16	0.49	204.41
H	41.70	17.27	39.84	24.39993	100	0.49	204.08
H	41.92	15.00	9.79	24.40027	99.66	0.49	203.39
H	42.62	22.85	39.90	24.40046	99.99	0.49	204.06
H	19.91	13.95	2.97	24.41662	100.11	0.49	204.31
H	36.25	42.88	5.50	24.43457	99.6	0.48	207.50
H	43.98	40.24	10.42	24.43634	99.57	0.49	203.20
H	4.08	3.30	18.66	24.44347	99.5	0.49	203.06
H	1.40	14.83	40.79	24.44564	99.52	0.49	203.10
H	6.74	33.75	8.97	24.44875	100.31	0.48	208.98
H	14.16	13.55	3.99	24.47758	100.05	0.48	208.44
H	5.59	31.29	41.13	24.48477	100.13	0.49	204.35
H	8.23	20.94	6.11	24.51317	99.88	0.49	203.84
H	31.25	0.42	14.18	24.5401	100.43	0.48	209.23
H	3.30	36.59	19.57	24.55452	100.21	0.49	204.51
H	4.14	9.35	41.92	24.56579	99.17	0.49	202.39
H	25.37	4.74	7.18	24.57318	99.26	0.48	206.79
H	6.64	38.06	33.99	24.57779	100	0.48	208.33
H	8.10	4.89	42.41	24.57972	99.06	0.49	202.16
H	29.36	0.49	12.71	24.5859	100.27	0.48	208.90
H	30.06	39.32	44.54	24.61726	99.71	0.49	203.49
H	11.51	40.24	6.77	24.64622	99.21	0.49	202.47
H	6.55	40.21	31.76	24.64686	99.83	0.48	207.98
H	9.91	40.97	36.33	24.65244	99.58	0.49	203.22
H	42.77	13.67	11.98	24.67064	99.48	0.49	203.02
H	29.20	44.49	3.93	24.73191	99.73	0.48	207.77
H	41.21	29.50	42.43	24.7378	99.71	0.49	203.49
H	42.81	30.40	41.06	24.75139	99.83	0.49	203.73

H	43.99	18.56	8.53	24.77852	99.43	0.49	202.92
H	38.88	31.29	43.89	24.78712	100.06	0.49	204.20
H	8.44	43.83	30.67	24.78842	99.9	0.49	203.88
H	8.04	42.28	12.94	24.81327	99.38	0.49	202.82
H	20.38	41.59	43.02	24.83037	99.85	0.49	203.78
H	42.03	20.68	40.23	24.85224	99.96	0.49	204.00
H	24.01	43.89	3.20	24.86073	99.75	0.48	207.81
H	25.60	16.77	0.83	24.87795	100.29	0.48	208.94
H	36.00	20.17	1.36	24.89645	99.85	0.48	208.02
H	37.44	9.26	10.69	24.90377	99.87	0.48	208.06
H	1.89	2.95	26.22	24.91848	99.71	0.48	207.73
H	38.95	3.36	34.86	24.92674	99.5	0.49	203.06
H	0.34	21.92	13.39	24.9425	100.1	0.49	204.29
H	21.99	5.19	5.97	24.95732	99.4	0.48	207.08
H	0.91	29.94	17.26	24.97499	100.88	0.48	210.17
H	1.85	24.44	41.80	25.00014	99.76	0.49	203.59
H	42.39	37.97	39.44	25.01502	99.29	0.49	202.63
H	35.37	14.47	4.13	25.03189	99.62	0.48	207.54
H	10.30	9.97	6.02	25.08588	99.22	0.49	202.49
H	40.26	44.18	36.59	25.08618	99.5	0.49	203.06
H	17.55	3.39	7.37	25.1068	99.63	0.49	203.33
H	11.28	43.41	9.05	25.1138	99.39	0.49	202.84
H	39.26	2.25	21.64	25.13128	100.01	0.48	208.35
H	27.74	17.34	0.23	25.1741	100.47	0.48	209.31
H	41.72	41.39	7.36	25.19144	99.1	0.48	206.46
H	3.37	32.15	12.78	25.2447	99.84	0.48	208.00
H	15.27	7.88	4.87	25.24493	99.58	0.49	203.22
H	9.75	2.26	42.20	25.25135	99.15	0.49	202.35
H	1.50	34.59	23.78	25.34766	100.44	0.49	204.98
H	8.17	35.47	41.02	25.39333	99.58	0.49	203.22
H	27.51	5.16	6.41	25.4142	99.1	0.49	202.24
H	42.06	40.86	38.47	25.42526	99.14	0.5	198.28
H	2.67	1.61	23.51	25.43157	99.5	0.49	203.06
H	8.46	37.19	6.73	25.43832	99.88	0.49	203.84
H	0.53	3.99	24.67	25.44257	99.49	0.48	207.27
H	17.41	11.19	2.85	25.46565	99.47	0.48	207.23
H	8.04	35.00	6.09	25.5027	99.77	0.48	207.85
H	33.79	12.82	4.11	25.51134	99.6	0.48	207.50
H	39.29	15.65	44.48	25.51454	99.6	0.49	203.27
H	12.17	41.06	39.91	25.52582	99.64	0.48	207.58
H	0.43	29.39	37.54	25.54942	100.12	0.49	204.33
H	41.62	25.69	42.95	25.55986	99.96	0.49	204.00
H	24.35	10.94	2.76	25.56793	100.15	0.49	204.39
H	4.95	8.78	43.98	25.5745	99.18	0.49	202.41
H	0.74	32.31	34.51	25.5916	99.83	0.49	203.73
H	42.47	5.01	29.69	25.59362	99.4	0.5	198.80
H	8.09	9.81	6.73	25.60518	99.05	0.48	206.35
H	15.98	37.02	0.82	25.60538	99.53	0.49	203.12
H	39.89	42.31	5.81	25.61358	99	0.49	202.04
H	44.36	12.40	14.46	25.61966	99.83	0.48	207.98
H	39.18	3.83	37.12	25.6267	99.58	0.49	203.22
H	2.74	24.84	10.00	25.64764	100.32	0.49	204.73
H	1.16	29.78	14.97	25.68029	100.71	0.48	209.81
H	41.99	4.74	31.92	25.68709	99.51	0.5	199.02
H	33.73	38.70	0.23	25.70454	99.48	0.49	203.02
H	40.21	10.64	10.67	25.70699	99.8	0.48	207.92
H	24.52	1.35	8.29	25.72421	99.45	0.48	207.19
H	3.75	37.13	32.18	25.7831	99.93	0.48	208.19
H	4.03	41.51	20.48	25.83632	99.95	0.49	203.98
H	32.02	1.04	42.18	25.87264	99.62	0.5	199.24
H	41.92	16.72	42.09	25.88311	99.88	0.49	203.84
H	21.14	40.42	0.22	25.89369	99.39	0.49	202.84

H	3.53	18.33	7.84	25.8986	99.68	0.49	203.43
H	12.07	25.06	1.34	25.91615	99.63	0.49	203.33
H	1.77	36.72	24.56	25.92047	100.18	0.49	204.45
H	11.07	2.29	44.19	25.94452	99.19	0.49	202.43
H	14.38	35.35	0.63	25.96593	99.62	0.49	203.31
H	8.25	28.82	4.02	25.98189	100.07	0.49	204.22
H	11.24	3.15	8.63	25.98573	99.2	0.49	202.45
H	42.38	4.78	21.58	26.03746	100.38	0.48	209.13
H	4.57	16.52	6.85	26.06163	99.86	0.49	203.80
H	42.04	9.98	39.64	26.0743	99.33	0.49	202.71
H	10.02	18.43	3.22	26.11966	99.75	0.49	203.57
H	32.88	43.68	43.00	26.12029	99.44	0.5	198.88
H	39.79	36.66	1.76	26.14956	99.31	0.49	202.67
H	10.42	20.67	3.04	26.18103	99.74	0.49	203.55
H	41.73	22.85	2.31	26.18968	99.27	0.48	206.81
H	0.97	35.56	28.94	26.26675	100	0.48	208.33
H	44.18	36.86	5.25	26.27828	99.23	0.48	206.73
H	26.04	44.44	1.69	26.28716	99.55	0.48	207.40
H	6.13	41.57	11.84	26.31996	99.18	0.49	202.41
H	43.68	8.95	36.15	26.33513	99.65	0.49	203.37
H	11.67	39.62	41.61	26.33645	99.58	0.49	203.22
H	6.19	27.77	5.68	26.36532	99.94	0.49	203.96
H	2.56	7.41	11.98	26.36897	99.5	0.49	203.06
H	1.17	34.88	17.58	26.42058	100.07	0.49	204.22
H	39.96	44.53	6.58	26.42978	99.04	0.49	202.12
H	29.88	10.18	3.48	26.43026	99.57	0.49	203.20
H	26.82	6.17	4.30	26.4977	99.34	0.49	202.73
H	3.63	41.01	28.65	26.53337	99.65	0.48	207.60
H	32.00	8.79	4.85	26.53685	99.6	0.49	203.27
H	11.35	27.15	0.79	26.56773	99.76	0.49	203.59
H	40.08	35.90	44.24	26.58266	99.21	0.49	202.47
H	8.01	1.92	11.04	26.59624	99.22	0.49	202.49
H	31.30	0.81	10.02	26.68825	99.88	0.48	208.08
H	42.92	12.01	40.68	26.70522	99.26	0.49	202.57
H	36.04	1.93	12.52	26.72465	99.72	0.49	203.51
H	39.40	11.78	6.57	26.72749	99.62	0.48	207.54
H	13.63	13.02	1.85	26.74209	99.93	0.49	203.94
H	9.60	41.33	6.11	26.75044	99.18	0.49	202.41
H	4.99	0.94	38.63	26.77513	99.29	0.5	198.58
H	43.49	6.78	35.57	26.87173	99.65	0.49	203.37
H	33.74	7.71	5.80	26.96407	99.73	0.49	203.53
H	1.84	25.60	44.48	26.96456	99.57	0.49	203.20
H	35.26	40.39	0.05	27.02885	99.11	0.49	202.27
H	7.15	16.52	3.83	27.03236	99.58	0.49	203.22
H	5.06	10.84	6.55	27.08972	98.9	0.49	201.84
H	1.26	12.64	9.47	27.0965	99.28	0.49	202.61
H	25.96	7.54	2.70	27.10233	99.41	0.48	207.10
H	43.85	31.89	2.15	27.19689	99.42	0.48	207.13
H	15.62	1.05	6.89	27.28891	99.46	0.49	202.98
H	37.91	15.55	1.69	27.31594	99.38	0.49	202.82
H	17.38	9.35	1.49	27.33815	99.43	0.48	207.15
H	24.04	11.62	0.62	27.37824	100.13	0.48	208.60
H	44.55	9.51	15.49	27.37897	99.74	0.48	207.79
H	35.90	2.70	10.39	27.38837	99.53	0.48	207.35
H	40.19	40.76	42.99	27.41694	98.8	0.49	201.63
H	1.68	32.96	11.45	27.4294	99.94	0.48	208.21
H	0.12	33.13	37.33	27.46676	99.7	0.49	203.47
H	29.01	11.19	1.62	27.48223	99.6	0.49	203.27
H	6.42	36.28	42.27	27.52162	99.46	0.49	202.98
H	20.94	4.73	3.20	27.54205	99.27	0.48	206.81
H	4.31	42.34	13.42	27.54335	99.14	0.49	202.33
H	15.91	42.15	44.31	27.5502	99.84	0.49	203.76

H	35.59	44.20	1.92	27.55799	99.51	0.49	203.08
H	41.91	41.09	3.68	27.55877	98.96	0.49	201.96
H	2.21	2.27	15.31	27.64131	99.23	0.49	202.51
H	17.99	42.77	0.44	27.64653	99.64	0.49	203.35
H	8.51	34.38	2.14	27.79565	99.38	0.49	202.82
H	35.63	3.62	8.57	27.8717	99.4	0.49	202.86
H	42.57	20.91	1.38	27.88479	99.43	0.48	207.15
H	10.49	42.33	4.22	27.91235	99.35	0.49	202.76
H	3.02	1.47	39.25	27.93863	99.36	0.5	198.72
H	0.04	35.90	33.63	27.95075	99.69	0.48	207.69
H	41.38	43.24	4.20	27.96008	99.07	0.49	202.18
H	2.72	5.78	43.45	27.96846	98.97	0.49	201.98
H	38.12	0.17	38.96	27.99254	99.12	0.49	202.29
H	2.07	38.16	12.29	28.05416	99.74	0.48	207.79
H	0.46	39.30	25.88	28.15494	100.08	0.48	208.50
H	4.51	8.63	6.50	28.16778	98.96	0.49	201.96
H	7.61	2.15	8.58	28.17663	99.14	0.49	202.33
H	41.62	0.31	21.24	28.20377	99.97	0.49	204.02
H	1.18	29.57	9.91	28.21615	100.14	0.49	204.37
H	10.41	3.73	5.53	28.23206	98.74	0.49	201.51
H	12.15	42.67	2.70	28.23925	99.18	0.49	202.41
H	42.05	10.30	43.79	28.23966	99.29	0.48	206.85
H	9.97	35.22	0.56	28.29068	99.27	0.49	202.59
H	37.82	0.93	41.10	28.31587	99.08	0.49	202.20
H	38.75	9.91	5.40	28.35025	99.3	0.48	206.88
H	10.26	38.59	1.37	28.49386	99.29	0.49	202.63
H	43.17	10.07	9.10	28.50698	99.43	0.49	202.92
H	4.94	27.79	3.83	28.52173	99.57	0.49	203.20
H	44.45	36.34	43.31	28.52305	99.09	0.49	202.22
H	4.94	33.63	4.48	28.5258	99.06	0.48	206.38
H	11.03	18.97	0.17	28.53622	99.96	0.49	204.00
H	35.99	10.78	2.57	28.5805	99.54	0.49	203.14
H	3.05	0.63	13.97	28.67527	99.42	0.48	207.13
H	0.61	37.98	32.89	28.69326	99.83	0.49	203.73
H	41.56	5.26	11.95	28.71922	99.57	0.48	207.44
H	27.79	1.26	5.08	28.76929	99.77	0.48	207.85
H	0.85	36.37	11.62	28.83223	99.53	0.48	207.35
H	1.49	41.39	29.90	28.83674	99.87	0.49	203.82
H	43.00	8.43	10.63	28.83724	99.39	0.49	202.84
H	41.49	8.13	44.27	28.8541	99.34	0.48	206.96
H	0.96	12.38	7.23	28.85763	99.1	0.49	202.24
H	22.76	0.15	4.89	28.87844	99.54	0.49	203.14
H	2.54	43.08	14.76	28.93745	99.21	0.49	202.47
H	4.09	39.43	38.13	29.00134	99.4	0.49	202.86
H	41.35	3.26	13.09	29.01398	99.54	0.48	207.38
H	5.61	15.45	2.55	29.03107	99.49	0.49	203.04
H	20.78	2.47	2.83	29.06605	99.25	0.49	202.55
H	8.76	9.43	2.21	29.12739	99.26	0.49	202.57
H	32.34	4.39	4.18	29.14199	99.64	0.49	203.35
H	42.60	1.02	35.33	29.16329	99.32	0.49	202.69
H	36.50	12.15	0.83	29.19852	99.39	0.49	202.84
H	40.17	42.67	44.26	29.22893	99	0.49	202.04
H	30.28	3.52	3.68	29.25403	99.47	0.49	203.00
H	4.73	4.17	7.53	29.25822	98.6	0.49	201.22
H	4.55	38.88	40.30	29.26891	99.25	0.49	202.55
H	6.70	44.32	37.72	29.28163	99.32	0.5	198.64
H	4.25	21.73	3.01	29.34798	99.75	0.48	207.81
H	9.06	43.80	40.96	29.35747	99.19	0.49	202.43
H	4.51	44.39	34.44	29.36383	99.43	0.5	198.86
H	41.87	12.59	3.61	29.37209	99.32	0.48	206.92
H	0.52	42.75	23.70	29.43072	99.86	0.48	208.04
H	9.59	7.28	2.35	29.43739	99.19	0.49	202.43

H	7.97	5.18	4.30	29.44886	99.21	0.49	202.47
H	5.57	33.38	2.23	29.52371	99.11	0.49	202.27
H	40.87	2.98	42.07	29.53441	98.85	0.49	201.73
H	3.82	42.67	35.77	29.57143	99.22	0.49	202.49
H	16.98	6.20	0.43	29.58394	99.58	0.49	203.22
H	0.60	31.08	8.24	29.60375	100.11	0.49	204.31
H	8.20	21.98	0.23	29.61316	99.56	0.49	203.18
H	1.25	0.13	38.73	29.72185	98.98	0.5	197.96
H	40.69	13.08	1.75	29.77146	99.4	0.48	207.08
H	44.07	43.16	41.67	29.77214	98.88	0.49	201.80
H	8.66	40.21	1.68	29.78706	99.16	0.49	202.37
H	16.19	1.99	2.75	29.81474	99.05	0.49	202.14
H	13.98	2.01	3.28	29.82631	99.02	0.49	202.08
H	36.75	3.46	6.64	29.82997	99.63	0.49	203.33
H	3.24	42.39	9.73	29.83258	98.83	0.49	201.69
H	0.75	25.03	5.95	29.83906	99.93	0.49	203.94
H	1.42	44.57	18.56	29.853	99.52	0.48	207.33
H	7.91	13.72	0.48	29.9399	99.36	0.49	202.78
H	2.97	40.67	8.32	29.94188	98.98	0.49	202.00
H	2.24	2.81	9.82	30.03429	98.89	0.49	201.82
H	42.71	4.42	41.98	30.03919	98.82	0.49	201.67
H	40.16	0.96	11.93	30.08798	99.58	0.48	207.46
H	44.11	0.79	19.48	30.15236	99.51	0.49	203.08
H	42.22	0.03	16.28	30.17822	99.53	0.49	203.12
H	1.05	23.16	4.71	30.19684	99.79	0.49	203.65
H	8.37	42.50	42.70	30.2523	99.02	0.49	202.08
H	40.03	7.49	5.93	30.26071	99.1	0.48	206.46
H	3.89	19.75	1.87	30.3575	99.53	0.49	203.12
H	0.19	40.51	12.53	30.44972	99.56	0.49	203.18
H	2.87	3.57	7.75	30.4935	98.79	0.49	201.61
H	14.97	5.18	0.13	30.6288	99.37	0.49	202.80
H	2.15	36.74	43.01	30.67506	99.13	0.49	202.31
H	11.60	1.61	3.31	30.67571	98.69	0.48	205.60

[a]distance to the nearest electron spin.

Table S12. Coordinates and polarizations calculated for the fifth TEKPol conformation

	x / Å	y / Å	z / Å	d^A / Å	I_{on}	I_{off}	I_{on}/I_{off}
e	26.50	28.77	22.98				
e	20.85	18.52	26.72				
H	25.76	28.92	20.78	2.332793	126.59	0.34	372.32
H	24.85	30.29	22.26	2.353647	131.64	0.33	398.91
H	28.36	27.27	22.97	2.384468	130.28	0.34	383.18
H	26.06	29.57	25.20	2.391998	131.68	0.34	387.29
H	21.27	16.17	26.25	2.434658	122.47	0.37	331.00
H	21.27	20.74	28.20	2.70167	117.91	0.39	302.33
H	23.30	17.54	27.37	2.711823	117.17	0.39	300.44
H	18.70	19.76	25.55	2.746926	119.19	0.39	305.62
H	18.89	20.38	27.29	2.767701	118.84	0.4	297.10
H	25.88	27.08	20.86	2.779814	125.22	0.35	357.77
H	20.75	16.70	24.60	2.7945	120.32	0.38	316.63
H	23.86	29.77	23.61	2.890065	128.38	0.35	366.80
H	29.32	28.64	23.91	2.974134	126	0.35	360.00
H	23.84	19.13	26.56	3.048851	116.06	0.4	290.15
H	28.23	30.34	24.96	3.058168	125.92	0.36	349.78
H	22.59	21.15	27.09	3.173259	116.63	0.4	291.58
H	21.54	18.55	23.48	3.314972	113.59	0.41	277.05
H	20.48	20.35	23.97	3.325631	113.02	0.42	269.10
H	27.71	25.71	23.67	3.363027	129.06	0.34	379.59
H	23.54	27.61	24.27	3.429115	121.71	0.38	320.29
H	26.47	28.33	26.49	3.535482	127.85	0.36	355.14

H	24.88	27.13	25.69	3.554855	124.6	0.37	336.76
H	21.14	21.82	24.67	3.903108	111.37	0.43	259.00
H	23.11	26.73	22.74	3.963149	115.84	0.41	282.54
H	23.34	18.29	23.64	3.966175	110.83	0.43	257.74
H	26.14	25.90	25.71	3.972872	124.25	0.38	326.97
H	28.16	26.93	26.18	4.045692	122.07	0.38	321.24
H	16.83	17.42	27.30	4.20859	102.29	0.48	213.10
H	28.45	29.68	26.60	4.21239	123.26	0.38	324.37
H	28.36	29.35	19.19	4.264268	112.43	0.42	267.69
H	23.96	30.11	19.83	4.268183	116.61	0.4	291.53
H	19.48	22.20	24.73	4.408517	110.93	0.43	257.98
H	29.98	26.56	21.19	4.491251	116.83	0.4	292.08
H	22.70	15.83	23.48	4.60554	106.97	0.45	237.71
H	23.25	27.05	20.21	4.611672	113.27	0.42	269.69
H	21.98	28.99	21.99	4.636923	116.58	0.4	291.45
H	18.92	22.62	27.74	4.648134	110.95	0.43	258.02
H	22.50	30.74	21.66	4.654817	116.77	0.4	291.93
H	22.50	14.60	24.81	4.660139	107.21	0.45	238.24
H	25.04	17.93	24.73	4.676913	108.69	0.44	247.02
H	24.31	27.89	18.94	4.68262	113.58	0.42	270.43
H	29.69	26.27	25.35	4.69476	121.33	0.39	311.10
H	23.94	18.99	30.30	4.743988	102.07	0.48	212.65
H	21.63	23.24	26.44	4.790886	110.64	0.44	251.45
H	21.24	23.10	28.17	4.821977	110.64	0.44	251.45
H	17.82	22.17	25.54	4.889175	109.96	0.44	249.91
H	25.55	17.14	26.32	4.910148	108.06	0.45	240.13
H	24.41	15.18	25.91	4.943692	106.57	0.45	236.82
H	31.42	28.93	23.48	4.94635	116.31	0.4	290.78
H	22.60	22.89	24.66	5.143328	110.51	0.43	257.00
H	24.34	24.19	21.63	5.23916	108.7	0.45	241.56
H	20.34	13.74	24.29	5.385427	103.08	0.47	219.32
H	21.79	26.27	22.14	5.400573	113.44	0.42	270.10
H	22.42	29.67	26.48	5.442929	103.5	0.48	215.63
H	30.34	32.76	21.94	5.634692	102.05	0.49	208.27
H	25.00	20.64	23.48	5.676283	107.32	0.45	238.49
H	18.73	16.77	31.84	5.813075	94.19	0.52	181.13
H	23.71	15.84	22.31	5.903726	106.47	0.46	231.46
H	25.82	23.01	21.77	5.924981	108.21	0.45	240.47
H	15.18	17.01	25.64	5.971807	99.71	0.49	203.49
H	30.23	28.19	27.63	5.981579	104.8	0.47	222.98
H	31.30	32.22	24.54	6.110817	101.71	0.49	207.57
H	22.50	24.01	23.19	6.220442	109.91	0.43	255.60
H	28.05	29.29	16.95	6.251087	110.41	0.43	256.77
H	21.18	20.37	20.72	6.293683	107.16	0.45	238.13
H	31.87	30.75	20.15	6.38839	102.13	0.49	208.43
H	21.63	27.33	19.10	6.395048	108.27	0.45	240.60
H	25.47	20.68	30.62	6.416568	100.84	0.48	210.08
H	22.77	31.35	18.38	6.465896	101.67	0.48	211.81
H	24.33	21.18	21.92	6.497575	107.28	0.45	238.40
H	22.25	18.38	20.37	6.508103	106.53	0.46	231.59
H	19.34	21.97	32.08	6.54885	99.61	0.49	203.29
H	21.00	24.97	27.84	6.550641	109.11	0.44	247.98
H	25.87	22.06	24.39	6.568484	107.27	0.46	233.20
H	27.58	34.60	25.86	6.585216	96.36	0.51	188.94
H	23.09	12.61	28.67	6.611481	98.51	0.49	201.04
H	31.02	24.87	20.03	6.659995	109.12	0.44	248.00
H	17.73	24.26	25.15	6.719989	107.33	0.45	238.51
H	23.16	34.33	20.51	6.944961	96.64	0.51	189.49
H	22.80	11.85	26.53	6.953417	98.84	0.49	201.71
H	26.82	15.14	25.20	7.026863	101.7	0.47	216.38
H	25.75	15.38	30.69	7.038327	94.71	0.52	182.13
H	23.06	22.25	21.12	7.081251	107.3	0.45	238.44

H	22.14	31.36	28.03	7.149384	101.15	0.49	206.43
H	24.53	25.29	17.02	7.177248	102.53	0.47	218.15
H	18.85	12.93	22.67	7.185807	99.6	0.49	203.27
H	20.64	24.33	22.41	7.23845	109.36	0.44	248.55
H	24.67	26.11	29.53	7.305676	98.5	0.5	197.00
H	15.95	22.96	29.86	7.323823	97.8	0.5	195.60
H	18.09	23.57	22.19	7.329006	108.11	0.45	240.24
H	28.70	24.23	28.31	7.334862	98.39	0.51	192.92
H	27.30	30.04	30.23	7.40409	98.56	0.5	197.12
H	24.94	16.46	32.55	7.407587	94.6	0.52	181.92
H	33.83	29.05	24.20	7.429487	98.27	0.5	196.54
H	18.22	21.79	20.50	7.511598	107.18	0.46	233.00
H	19.58	31.72	22.68	7.528219	98.7	0.5	197.40
H	15.37	20.42	31.64	7.603946	96.24	0.51	188.71
H	22.41	14.37	32.96	7.645965	94.17	0.52	181.10
H	22.03	35.02	22.43	7.704426	95.92	0.51	188.08
H	29.39	21.91	20.73	7.777917	102.39	0.48	213.31
H	28.21	19.37	24.32	7.789888	101.36	0.48	211.17
H	14.74	13.95	25.02	7.821741	95.36	0.52	183.38
H	16.59	19.34	33.23	7.825691	96.24	0.5	192.48
H	29.46	30.63	29.99	7.829644	98.48	0.5	196.96
H	15.52	12.86	27.78	7.851743	95.15	0.52	182.98
H	28.63	21.15	22.69	7.914269	102.43	0.47	217.94
H	20.04	24.90	31.40	7.950731	100.83	0.48	210.06
H	24.33	22.58	18.48	7.961135	104.38	0.47	222.09
H	18.38	15.44	33.65	7.978188	94.15	0.52	181.06
H	31.95	34.44	24.61	8.027877	101.28	0.49	206.69
H	27.76	36.53	24.63	8.029801	96.02	0.51	188.27
H	22.18	19.40	34.63	8.068195	94.09	0.52	180.94
H	20.97	12.72	32.33	8.069583	94.02	0.52	180.81
H	32.69	28.57	28.32	8.178632	98.23	0.51	192.61
H	14.84	16.32	21.57	8.215133	94.92	0.51	186.12
H	18.89	28.23	26.02	8.215488	102.18	0.48	212.88
H	25.27	15.37	20.48	8.274959	99.86	0.49	203.80
H	27.95	35.46	18.30	8.290406	93.21	0.53	175.87
H	20.14	27.36	28.20	8.34367	102.65	0.48	213.85
H	14.91	24.38	27.35	8.371562	98.54	0.5	197.08
H	25.46	19.28	19.62	8.499436	102.25	0.47	217.55
H	24.38	31.10	15.05	8.538951	96	0.51	188.24
H	28.25	24.98	30.44	8.546173	97.89	0.51	191.94
H	32.76	22.84	23.88	8.666982	96.46	0.51	189.14
H	34.42	28.81	26.54	8.680127	97.72	0.51	191.61
H	16.81	15.23	19.77	8.690482	94.83	0.51	185.94
H	19.26	27.76	18.18	8.753493	99.06	0.5	198.12
H	12.22	20.28	27.07	8.817292	94.54	0.52	181.81
H	25.33	35.18	28.93	8.823213	94.79	0.52	182.29
H	20.59	31.81	17.15	8.840628	98.68	0.5	197.36
H	21.81	21.83	34.98	8.944197	94.41	0.52	181.56
H	29.41	20.37	28.56	8.945676	97.92	0.51	192.00
H	17.66	30.59	22.76	9.029118	98.76	0.51	193.65
H	17.40	26.69	24.92	9.050057	102.03	0.49	208.22
H	14.37	21.42	21.11	9.052139	96.94	0.52	186.42
H	22.30	34.80	28.30	9.071065	95.2	0.52	183.08
H	28.39	14.59	23.38	9.130992	99.19	0.49	202.43
H	15.15	16.76	19.71	9.205499	94.77	0.52	182.25
H	13.24	17.99	21.54	9.220849	94.86	0.52	182.42
H	28.78	21.63	30.38	9.264414	97.99	0.51	192.14
H	23.19	36.46	27.01	9.287805	95.11	0.52	182.90
H	26.04	36.21	17.34	9.349835	93.44	0.53	176.30
H	18.79	30.17	17.79	9.402535	98.58	0.49	201.18
H	32.44	24.72	29.12	9.451079	95.28	0.52	183.23
H	35.56	28.00	20.30	9.479669	94.43	0.52	181.60

H	29.91	17.92	23.76	9.552458	100.68	0.48	209.75
H	24.58	38.11	22.10	9.578241	93.96	0.52	180.69
H	35.79	26.26	22.84	9.624824	94.43	0.52	181.60
H	27.49	14.44	21.06	9.634545	99.16	0.49	202.37
H	33.14	35.30	20.48	9.64349	93.7	0.53	176.79
H	18.29	9.87	23.27	9.656816	94.74	0.52	182.19
H	22.91	29.68	14.05	9.670733	95.69	0.51	187.63
H	28.81	14.07	30.04	9.700044	93.99	0.52	180.75
H	29.70	23.09	15.79	9.70733	94.88	0.52	182.46
H	27.28	11.56	24.16	9.814831	96.64	0.51	189.49
H	18.99	12.67	19.06	9.816442	94.64	0.51	185.57
H	24.14	27.15	32.37	9.819068	95.69	0.51	187.63
H	20.16	24.82	16.57	9.844222	96.9	0.5	193.80
H	25.48	11.58	21.35	9.925416	96.01	0.51	188.25
H	11.12	19.22	28.79	9.97055	94.38	0.52	181.50
H	13.21	23.09	22.14	10.01321	96.78	0.52	186.12
H	28.98	27.95	32.66	10.02604	95.68	0.51	187.61
H	25.69	9.98	24.64	10.03227	96.45	0.5	192.90
H	22.38	16.98	36.54	10.05442	93.51	0.53	176.43
H	14.64	13.36	32.80	10.10416	92.85	0.53	175.19
H	21.39	9.65	31.60	10.12992	93.69	0.53	176.77
H	21.96	29.77	32.02	10.15906	94.73	0.52	182.17
H	20.54	36.97	24.10	10.1993	94.89	0.52	182.48
H	22.20	8.47	28.12	10.23043	95.35	0.51	186.96
H	31.36	36.56	18.33	10.29295	93.58	0.53	176.57
H	35.26	30.11	28.25	10.30964	97.33	0.51	190.84
H	18.27	18.24	36.72	10.32975	93.29	0.53	176.02
H	16.16	27.73	27.57	10.36743	98.66	0.5	197.32
H	34.62	28.19	29.41	10.37578	97.21	0.51	190.61
H	34.30	23.00	19.30	10.37598	94.77	0.51	185.82
H	21.66	23.94	15.15	10.39749	96.94	0.51	190.08
H	30.98	24.52	14.59	10.41721	94.77	0.52	182.25
H	25.29	26.04	12.90	10.51913	96.34	0.51	188.90
H	25.51	19.35	17.30	10.54097	101.56	0.47	216.09
H	25.07	23.70	34.90	10.55977	95.43	0.52	183.52
H	17.66	27.99	17.20	10.59046	98.67	0.5	197.34
H	17.59	34.49	22.70	10.59454	95.54	0.52	183.73
H	28.24	29.12	12.52	10.61318	94.22	0.52	181.19
H	26.70	17.65	35.57	10.63714	92.6	0.53	174.72
H	11.57	14.61	30.22	10.65768	92.64	0.53	174.79
H	34.04	23.31	28.19	10.66815	95.03	0.52	182.75
H	24.04	8.31	26.80	10.69108	95.5	0.51	187.25
H	22.02	21.14	37.14	10.80057	94.31	0.52	181.37
H	30.83	14.48	27.76	10.8146	94.47	0.52	181.67
H	34.46	23.94	17.24	10.9352	94.84	0.51	185.96
H	19.24	9.18	32.20	10.94674	93.49	0.52	179.79
H	24.44	10.94	19.64	10.97195	95.84	0.51	187.92
H	15.31	10.06	31.02	10.98533	93.14	0.53	175.74
H	11.26	22.80	29.93	10.98728	95.25	0.52	183.17
H	27.14	24.02	33.86	10.98865	95.41	0.52	183.48
H	27.38	21.98	14.32	11.03723	94.77	0.52	182.25
H	23.26	25.06	13.10	11.0426	96.14	0.51	188.51
H	21.69	11.44	18.28	11.04338	95.22	0.51	186.71
H	13.00	11.98	22.53	11.04469	93.77	0.53	176.92
H	16.82	16.48	36.83	11.07378	93.2	0.53	175.85
H	33.72	32.30	30.64	11.09673	95.5	0.52	183.65
H	31.55	32.82	13.88	11.16676	93.57	0.53	176.55
H	11.15	16.23	31.77	11.17575	92.65	0.53	174.81
H	19.50	8.48	21.94	11.2015	94.35	0.52	181.44
H	21.71	31.98	32.65	11.25782	94.69	0.51	185.67
H	23.02	33.90	13.48	11.34697	94.73	0.51	185.75
H	21.16	32.53	13.70	11.34946	94.8	0.51	185.88

H	37.77	27.32	23.15	11.36705	94.66	0.52	182.04
H	13.73	14.36	34.67	11.45587	93.08	0.53	175.62
H	17.29	23.93	36.18	11.45971	93.24	0.53	175.92
H	26.67	32.40	33.87	11.47584	93.93	0.52	180.63
H	24.30	40.02	23.68	11.48189	93.51	0.52	179.83
H	34.30	20.33	22.92	11.49306	95.54	0.51	187.33
H	11.52	24.94	29.08	11.57387	95.46	0.51	187.18
H	28.29	12.23	33.01	11.59268	92.65	0.53	174.81
H	36.84	29.08	17.72	11.60458	93.54	0.52	179.88
H	10.69	15.16	22.22	11.60816	93.73	0.53	176.85
H	13.66	26.65	30.90	11.63068	95.82	0.51	187.88
H	24.75	38.92	17.56	11.64336	93.19	0.53	175.83
H	29.07	26.20	34.16	11.74937	95.9	0.52	184.42
H	22.02	12.55	36.86	11.82174	92.66	0.52	178.19
H	25.73	37.64	30.79	11.8451	93.97	0.52	180.71
H	19.00	37.56	25.73	11.87515	94.62	0.52	181.96
H	19.43	36.54	17.42	11.88716	95.26	0.51	186.78
H	23.11	30.00	34.32	11.89644	94.42	0.52	181.58
H	27.49	10.71	20.66	11.91099	96.16	0.51	188.55
H	29.33	35.82	13.81	11.91163	93.61	0.52	180.02
H	32.35	37.12	29.19	11.93304	93.33	0.52	179.48
H	33.03	35.17	15.23	11.98649	93.42	0.53	176.26
H	16.88	12.00	17.45	12.00936	93.93	0.52	180.63
H	21.80	15.89	15.02	12.0333	94.8	0.52	182.31
H	32.60	31.27	12.89	12.05227	93.6	0.52	180.00
H	29.99	28.13	11.46	12.05587	93.98	0.52	180.73
H	35.25	33.68	29.68	12.06225	95.42	0.52	183.50
H	24.02	11.47	17.46	12.06551	95.56	0.52	183.77
H	30.54	15.78	20.04	12.08326	96.97	0.51	190.14
H	10.44	12.54	25.36	12.08349	92.69	0.54	171.65
H	31.04	18.02	19.82	12.0899	96.99	0.5	193.98
H	18.26	22.37	15.56	12.09103	96.1	0.51	188.43
H	37.82	25.87	26.10	12.09159	94.75	0.52	182.21
H	18.29	34.78	16.45	12.09594	95.27	0.51	186.80
H	29.63	40.45	23.59	12.10402	93.21	0.53	175.87
H	14.04	8.88	29.47	12.12105	93.01	0.52	178.87
H	15.78	34.35	24.06	12.13069	95.78	0.52	184.19
H	15.38	7.71	26.17	12.13282	93.38	0.52	179.58
H	18.63	35.05	29.99	12.26528	93.58	0.53	176.57
H	19.28	10.71	36.15	12.34261	92.78	0.53	175.06
H	34.26	21.57	29.37	12.36156	94.96	0.52	182.62
H	14.15	28.88	22.38	12.37042	96.05	0.51	188.33
H	28.23	16.11	36.36	12.37584	92.68	0.52	178.23
H	14.31	28.95	28.28	12.40769	98.01	0.5	196.02
H	11.99	23.78	33.64	12.41274	94.11	0.52	180.98
H	12.51	9.89	23.45	12.44363	93.5	0.53	176.42
H	9.31	17.00	22.21	12.48065	93.71	0.52	180.21
H	15.23	33.39	20.06	12.52387	95.35	0.51	186.96
H	28.77	33.07	34.53	12.52807	94	0.52	180.77
H	24.41	34.04	11.66	12.66042	94.31	0.52	181.37
H	10.27	24.75	23.51	12.69309	95.59	0.52	183.83
H	28.16	41.16	20.76	12.69816	93	0.53	175.47
H	16.67	18.05	14.72	12.71937	93.75	0.52	180.29
H	31.45	39.14	28.48	12.73649	93.08	0.53	175.62
H	15.96	28.33	15.80	12.75985	97.83	0.51	191.82
H	35.87	34.51	16.42	12.80339	93.27	0.52	179.37
H	27.85	40.42	17.82	12.81161	92.81	0.53	175.11
H	10.57	21.94	33.58	12.82231	94.04	0.52	180.85
H	25.56	13.79	37.68	12.82852	92.5	0.53	174.53
H	30.28	10.12	28.98	12.82865	93.61	0.52	180.02
H	18.63	25.20	37.49	12.86557	93.27	0.53	175.98
H	23.78	28.21	35.59	12.90559	94.79	0.52	182.29

H	16.13	6.56	27.97	12.92004	93.24	0.52	179.31
H	28.92	19.33	14.50	12.92075	94.82	0.52	182.35
H	14.46	28.63	31.70	12.95467	95.85	0.52	184.33
H	17.27	9.73	35.56	12.96752	92.72	0.53	174.94
H	34.23	29.74	12.61	12.9688	93.53	0.52	179.87
H	17.58	6.91	21.95	12.96959	94.15	0.52	181.06
H	27.62	10.56	34.42	12.97542	92.82	0.53	175.13
H	14.85	11.07	17.91	13.00686	93.91	0.52	180.60
H	10.13	11.14	27.17	13.0234	92.65	0.53	174.81
H	16.26	23.52	15.59	13.04297	95.96	0.51	188.16
H	9.30	18.05	32.82	13.07096	92.68	0.53	174.87
H	39.13	27.71	26.21	13.075	94.59	0.52	181.90
H	37.03	36.56	23.28	13.09805	92.8	0.53	175.09
H	38.77	32.70	25.34	13.1001	92.83	0.53	175.15
H	16.57	34.92	28.98	13.12586	93.79	0.53	176.96
H	34.14	24.26	13.29	13.14076	93.88	0.53	177.13
H	21.82	17.71	13.64	13.14127	94.89	0.52	182.48
H	28.91	35.07	11.66	13.17763	93.55	0.52	179.90
H	26.84	7.25	30.17	13.21992	93.07	0.52	178.98
H	7.77	20.25	25.92	13.22101	93.51	0.53	176.43
H	11.33	27.69	25.65	13.26372	96.41	0.51	189.04
H	22.52	34.93	34.16	13.36652	93.61	0.53	176.62
H	33.60	15.98	23.42	13.41079	95.03	0.52	182.75
H	35.58	26.41	32.57	13.4125	94.65	0.52	182.02
H	13.35	28.30	20.34	13.41961	96.08	0.51	188.39
H	21.15	40.96	21.07	13.44895	93.28	0.52	179.38
H	36.57	36.21	17.78	13.55911	93.27	0.53	175.98
H	30.45	12.16	19.53	13.5745	95.53	0.52	183.71
H	26.20	33.84	10.38	13.58974	94.12	0.51	184.55
H	37.99	29.58	15.69	13.63012	93.55	0.52	179.90
H	38.76	33.87	19.90	13.63175	93.51	0.53	176.43
H	30.42	22.73	35.48	13.63521	94.25	0.52	181.25
H	19.49	24.31	12.12	13.67201	94.97	0.51	186.22
H	21.33	40.67	27.29	13.67557	93.23	0.53	175.91
H	30.97	9.68	24.10	13.69129	93.96	0.52	180.69
H	21.78	12.59	39.14	13.79002	92.51	0.53	174.55
H	32.82	31.14	35.04	13.81338	92.53	0.52	177.94
H	12.26	20.06	15.97	13.85281	93.91	0.52	180.60
H	14.63	14.06	38.34	13.90648	92.88	0.54	172.00
H	24.65	41.02	16.66	13.91323	93.19	0.52	179.21
H	7.57	14.27	27.10	13.9473	92.81	0.53	175.11
H	18.75	13.83	39.70	13.95825	92.74	0.53	174.98
H	29.29	22.01	11.09	13.96072	94.25	0.52	181.25
H	22.78	20.54	12.28	14.00154	94.55	0.52	181.83
H	34.64	23.43	33.09	14.03266	94.42	0.52	181.58
H	39.83	31.84	19.83	14.03847	93.33	0.53	176.09
H	10.30	26.66	22.26	14.05586	95.56	0.52	183.77
H	10.50	17.34	36.35	14.18174	92.71	0.53	174.92
H	34.31	16.61	30.77	14.18366	93.68	0.53	176.75
H	35.08	18.79	28.33	14.20402	94.46	0.52	181.65
H	13.11	33.01	20.82	14.21459	95.27	0.51	186.80
H	25.61	14.60	13.89	14.23866	94.62	0.52	181.96
H	26.05	42.01	28.24	14.25301	93.02	0.53	175.51
H	29.60	15.51	15.88	14.25322	94.9	0.52	182.50
H	29.35	42.74	23.58	14.27055	92.99	0.53	175.45
H	30.33	40.75	16.20	14.28999	92.65	0.53	174.81
H	17.24	22.12	40.07	14.29032	92.52	0.52	177.92
H	23.88	6.09	20.21	14.35073	93.6	0.52	180.00
H	10.58	16.67	16.87	14.35167	93.31	0.52	179.44
H	18.39	4.37	26.83	14.35767	93.17	0.53	175.79
H	36.78	28.28	33.06	14.4027	94.52	0.52	181.77
H	14.26	30.60	15.60	14.41098	95.99	0.51	188.22

H	9.65	15.43	35.36	14.48466	92.82	0.53	175.13
H	40.18	25.86	19.12	14.50904	93.52	0.52	179.85
H	24.66	8.52	36.54	14.52215	92.41	0.53	174.36
H	23.51	26.26	8.96	14.55314	94.02	0.52	180.81
H	33.38	19.26	14.36	14.56345	93.77	0.52	180.33
H	31.98	21.18	35.75	14.57087	94	0.52	180.77
H	40.54	25.13	21.26	14.61011	93.67	0.52	180.13
H	31.52	8.58	27.80	14.61965	93.57	0.53	176.55
H	38.29	21.34	18.44	14.65959	93.63	0.52	180.06
H	12.19	18.00	14.90	14.6669	93.69	0.52	180.17
H	6.64	20.96	24.05	14.66903	93.7	0.53	176.79
H	26.79	9.36	36.55	14.68357	92.42	0.53	174.38
H	11.78	23.07	16.07	14.72203	94.21	0.52	181.17
H	21.73	5.28	20.34	14.72638	93.35	0.52	179.52
H	15.34	19.36	13.08	14.73917	93.83	0.52	180.44
H	38.89	21.07	20.64	14.77233	93.54	0.52	179.88
H	11.63	29.98	25.39	14.77359	96.3	0.51	188.82
H	41.20	28.68	21.51	14.77731	93.67	0.52	180.13
H	17.69	30.62	34.72	14.79332	93.85	0.52	180.48
H	7.69	21.14	20.50	14.79469	93.43	0.53	176.28
H	39.90	34.71	25.11	14.80856	92.7	0.53	174.91
H	13.53	10.03	36.40	14.81001	92.28	0.54	170.89
H	24.88	20.23	40.88	14.82005	93.22	0.53	175.89
H	27.25	23.63	39.14	14.8776	93.89	0.52	180.56
H	33.95	11.65	24.87	14.90327	94	0.52	180.77
H	33.18	42.09	22.21	14.91858	92.51	0.53	174.55
H	7.39	16.87	32.97	14.92587	92.48	0.53	174.49
H	37.78	38.44	24.37	14.92636	92.85	0.53	175.19
H	15.60	13.03	13.86	14.94446	93.37	0.53	176.17
H	26.50	39.03	12.08	14.97217	92.76	0.52	178.38
H	6.66	14.06	25.00	14.97347	92.74	0.54	171.74
H	34.18	15.78	32.97	14.97786	93.53	0.52	179.87
H	36.03	26.90	11.51	15.03002	93.5	0.53	176.42
H	31.93	36.70	34.59	15.06639	92.7	0.52	178.27
H	21.16	7.54	16.40	15.07727	93.7	0.52	180.19
H	21.93	42.87	20.11	15.09599	93.12	0.52	179.08
H	17.38	30.55	11.07	15.10422	93.33	0.52	179.48
H	32.38	32.96	36.29	15.13849	92.66	0.52	178.19
H	32.57	40.62	15.74	15.15338	92.8	0.53	175.09
H	30.51	39.12	33.33	15.18005	92.68	0.53	174.87
H	20.22	3.38	27.80	15.18812	92.99	0.53	175.45
H	29.29	22.65	38.66	15.18855	94.06	0.52	180.88
H	17.47	4.79	21.12	15.2094	93.78	0.53	176.94
H	15.26	27.60	37.59	15.22271	93.02	0.53	175.51
H	28.01	14.27	39.47	15.22383	92.59	0.53	174.70
H	35.83	23.06	12.36	15.24655	93.73	0.53	176.85
H	8.14	18.98	18.31	15.25055	93.27	0.53	175.98
H	30.03	13.27	15.70	15.27198	94.71	0.52	182.13
H	22.97	36.64	35.59	15.27602	93.29	0.53	176.02
H	35.11	16.21	21.71	15.28061	95.03	0.52	182.75
H	21.79	20.66	41.84	15.29847	92.77	0.52	178.40
H	9.74	8.75	30.66	15.30996	91.99	0.54	170.35
H	34.01	41.03	28.28	15.31672	92.96	0.53	175.40
H	15.85	6.84	18.13	15.33845	93.17	0.52	179.17
H	17.26	24.11	11.65	15.34448	95.04	0.51	186.35
H	11.71	26.03	16.94	15.35394	94.59	0.52	181.90
H	18.51	8.99	14.87	15.38571	93.44	0.52	179.69
H	17.09	40.70	20.57	15.38718	93.35	0.52	179.52
H	18.29	35.50	11.85	15.38772	93.19	0.53	175.83
H	24.43	42.41	29.81	15.39184	92.92	0.53	175.32
H	27.53	5.32	31.10	15.42928	93.16	0.52	179.15
H	15.28	14.33	40.49	15.43012	92.56	0.53	174.64

H	25.23	19.37	10.81	15.4315	94.32	0.52	181.38
H	33.14	11.11	32.46	15.4506	92.83	0.53	175.15
H	20.22	29.07	38.02	15.47022	93.55	0.52	179.90
H	10.45	9.96	19.09	15.47742	93.08	0.52	179.00
H	20.25	28.74	8.81	15.49284	93.26	0.52	179.35
H	22.69	5.08	34.23	15.49855	92.61	0.53	174.74
H	26.31	26.27	7.64	15.54572	93.76	0.52	180.31
H	17.93	10.75	13.53	15.58945	93.21	0.53	175.87
H	20.82	41.92	29.14	15.59123	92.99	0.53	175.45
H	40.27	29.58	15.71	15.59428	93.54	0.53	176.49
H	23.01	3.46	30.20	15.60821	92.66	0.52	178.19
H	31.84	7.63	24.57	15.61655	93.83	0.52	180.44
H	26.86	39.95	33.97	15.67686	92.87	0.52	178.60
H	34.58	12.50	31.36	15.69176	92.92	0.53	175.32
H	11.68	10.09	17.17	15.69834	93.44	0.52	179.69
H	15.80	36.71	14.63	15.72854	94.26	0.52	181.27
H	6.18	21.23	31.76	15.74931	93.06	0.53	175.58
H	37.69	21.46	31.33	15.75848	93.49	0.52	179.79
H	34.94	25.54	10.06	15.76455	93.27	0.53	175.98
H	27.75	24.44	7.87	15.76481	93.87	0.52	180.52
H	40.40	24.69	29.24	15.77585	93.64	0.52	180.08
H	31.85	10.51	18.73	15.77966	95.07	0.52	182.83
H	20.78	24.90	8.79	15.7813	93.96	0.52	180.69
H	28.34	9.71	15.94	15.81208	94.42	0.52	181.58
H	14.51	36.79	16.50	15.81432	94.16	0.52	181.08
H	35.23	41.51	26.39	15.81633	92.66	0.53	174.83
H	37.89	39.20	19.41	15.85155	92.87	0.54	171.98
H	13.56	34.39	30.23	15.85992	93.27	0.53	175.98
H	21.69	27.95	39.46	15.86829	93.39	0.52	179.60
H	18.29	7.65	38.01	15.8749	92.71	0.53	174.92
H	38.07	32.35	33.25	15.87732	93.23	0.53	175.91
H	34.91	17.78	15.19	15.88355	93.4	0.53	176.23
H	40.74	32.01	29.37	15.94204	93.06	0.53	175.58
H	12.29	31.56	16.31	15.94926	95.52	0.51	187.29
H	22.73	15.59	42.31	15.97177	92.79	0.52	178.44
H	11.79	30.62	31.89	15.9749	94.47	0.52	181.67
H	22.30	18.07	42.63	15.97592	92.75	0.53	175.00
H	40.69	21.96	25.74	15.97965	93.35	0.53	176.13
H	19.64	35.20	10.05	15.99578	93.05	0.53	175.57
H	12.04	21.62	39.71	15.99608	92.38	0.53	174.30
H	16.11	14.31	12.04	15.99814	93.1	0.53	175.66
H	10.53	23.57	37.86	16.00383	92.85	0.52	178.56
H	27.04	19.90	41.42	16.0074	92.99	0.53	175.45
H	18.02	2.78	25.20	16.05882	92.95	0.53	175.38
H	10.10	15.09	15.27	16.07649	93.51	0.53	176.43
H	26.01	3.48	24.11	16.10651	92.82	0.52	178.50
H	13.52	26.43	38.69	16.11272	92.93	0.53	175.34
H	28.60	29.40	38.96	16.12699	92.9	0.52	178.65
H	38.85	19.11	26.86	16.14942	93.11	0.52	179.06
H	24.62	31.11	7.10	16.16847	92.92	0.52	178.69
H	33.24	13.37	35.77	16.17997	92.74	0.53	174.98
H	41.51	34.75	22.03	16.18858	92.91	0.53	175.30
H	4.97	21.37	28.45	16.22747	92.93	0.53	175.34
H	32.62	43.62	20.58	16.24308	92.25	0.53	174.06
H	40.17	20.00	23.43	16.24398	93.28	0.53	176.00
H	36.33	36.04	33.70	16.25763	92.81	0.53	175.11
H	21.50	41.13	32.30	16.26293	92.84	0.53	175.17
H	5.46	23.84	26.65	16.28477	93.33	0.53	176.09
H	4.97	15.88	29.23	16.29764	92.6	0.53	174.72
H	26.60	13.09	12.46	16.31261	94.75	0.52	182.21
H	36.75	37.63	32.12	16.33674	93.06	0.53	175.58
H	35.68	12.42	23.59	16.33828	94.2	0.52	181.15

H	36.04	22.40	34.62	16.33996	94.01	0.52	180.79
H	18.35	42.71	26.01	16.42818	92.78	0.53	175.06
H	23.10	8.95	13.51	16.46942	93.52	0.53	176.45
H	30.17	8.89	17.07	16.51827	94.85	0.52	182.40
H	20.47	22.24	42.83	16.53256	92.89	0.52	178.63
H	36.50	31.38	10.06	16.5427	92.69	0.53	174.89
H	36.96	40.51	17.75	16.5735	92.95	0.54	172.13
H	7.59	26.62	32.49	16.57795	93.14	0.52	179.12
H	16.59	22.49	42.25	16.58084	92.66	0.53	174.83
H	42.47	28.90	27.47	16.58231	93.51	0.53	176.43
H	22.23	2.28	23.57	16.60265	92.93	0.52	178.71
H	17.73	35.34	35.46	16.60423	92.98	0.53	175.43
H	42.53	32.81	21.24	16.61888	93.07	0.53	175.60
H	22.99	6.46	15.49	16.62241	93.64	0.53	176.68
H	6.78	27.09	28.97	16.62667	93.43	0.53	176.28
H	12.58	7.94	36.53	16.6295	92.29	0.53	174.13
H	22.47	8.10	39.64	16.67634	92.43	0.53	174.40
H	33.21	16.26	37.75	16.71412	92.54	0.53	174.60
H	40.51	26.40	31.80	16.72236	93.85	0.53	177.08
H	17.83	4.48	35.30	16.72448	92.56	0.53	174.64
H	12.53	31.09	34.03	16.74931	94.54	0.52	181.81
H	16.38	39.95	15.68	16.75418	93.57	0.52	179.94
H	10.28	29.19	18.78	16.76309	94.63	0.52	181.98
H	7.04	11.69	20.09	16.77306	92.61	0.53	174.74
H	18.98	13.98	42.76	16.7742	92.39	0.53	174.32
H	29.51	32.52	6.78	16.90116	92.53	0.53	174.58
H	28.25	17.12	10.86	16.90237	94.04	0.52	180.85
H	27.32	42.09	33.39	16.92631	92.88	0.53	175.25
H	25.53	39.78	10.16	16.92664	92.66	0.52	178.19
H	19.72	26.85	41.45	16.95353	93.21	0.52	179.25
H	30.31	21.10	8.32	16.97799	93.94	0.52	180.65
H	15.96	3.39	32.69	16.98152	92.4	0.53	174.34
H	24.68	2.68	31.56	16.99843	92.83	0.53	175.15
H	28.89	18.79	9.37	17.05017	93.95	0.52	180.67
H	32.72	8.44	33.68	17.05046	92.41	0.53	174.36
H	34.18	25.12	37.76	17.05077	93.12	0.53	175.70
H	15.58	29.67	9.92	17.05266	93.33	0.52	179.48
H	16.15	38.89	32.00	17.05737	92.59	0.53	174.70
H	33.16	35.65	8.86	17.06656	92.63	0.53	174.77
H	43.52	26.91	22.48	17.12588	93.76	0.52	180.31
H	26.11	43.74	14.65	17.13456	92.69	0.53	174.89
H	34.63	41.71	15.15	17.16956	92.43	0.53	174.40
H	31.72	5.56	29.70	17.17349	92.65	0.53	174.81
H	8.68	12.85	37.46	17.18971	92.45	0.53	174.43
H	16.37	42.09	26.93	17.19689	92.61	0.53	174.74
H	36.69	11.95	28.04	17.19907	93.06	0.53	175.58
H	33.32	27.03	38.68	17.20034	93.08	0.53	175.62
H	17.80	25.73	42.04	17.20352	93.2	0.52	179.23
H	8.72	27.56	18.51	17.2133	94.6	0.52	181.92
H	28.69	3.23	25.61	17.21799	92.49	0.53	174.51
H	14.47	3.04	30.95	17.26195	92.69	0.53	174.89
H	25.75	34.49	39.25	17.26244	92.45	0.52	177.79
H	16.22	6.79	38.52	17.26568	92.67	0.53	174.85
H	14.03	5.54	17.58	17.27667	93.23	0.52	179.29
H	36.87	33.67	10.03	17.2978	92.56	0.53	174.64
H	20.21	30.05	6.92	17.29857	93.12	0.52	179.08
H	19.63	19.00	9.45	17.32168	93.91	0.52	180.60
H	15.88	32.67	36.12	17.3405	93.16	0.53	175.77
H	14.91	41.38	20.19	17.35493	93.12	0.52	179.08
H	34.81	15.16	36.51	17.37192	92.75	0.53	175.00
H	13.54	40.10	25.29	17.37226	92.53	0.53	174.58
H	3.90	14.74	27.57	17.3838	92.44	0.53	174.42

H	11.14	36.75	24.62	17.38849	92.69	0.53	174.89
H	10.26	33.25	18.62	17.39856	94.26	0.52	181.27
H	8.95	10.70	36.75	17.41483	92.4	0.53	174.34
H	25.57	33.78	6.32	17.42832	92.96	0.52	178.77
H	42.21	34.12	17.64	17.43552	93.1	0.53	175.66
H	21.44	20.19	8.67	17.44094	93.96	0.52	180.69
H	5.92	11.56	32.48	17.45159	92.17	0.54	170.69
H	21.91	2.94	34.56	17.47214	92.46	0.53	174.45
H	7.91	7.89	31.74	17.4832	92.01	0.53	173.60
H	5.26	23.86	20.84	17.49865	93.57	0.53	176.55
H	7.91	6.70	27.13	17.52715	92.24	0.53	174.04
H	5.98	19.40	35.98	17.54346	92.52	0.53	174.57
H	43.63	31.28	25.88	17.54837	93.05	0.53	175.57
H	36.01	9.93	28.90	17.55447	93.1	0.53	175.66
H	12.68	20.30	42.19	17.57678	91.96	0.52	176.85
H	19.23	41.53	32.68	17.60219	93.01	0.53	175.49
H	21.22	8.28	12.32	17.67167	93.38	0.53	176.19
H	4.44	20.40	33.02	17.67681	92.95	0.53	175.38
H	17.62	1.47	23.34	17.67718	93.24	0.53	175.92
H	40.84	23.74	13.94	17.67757	92.78	0.53	175.06
H	26.86	5.25	36.74	17.67883	92.21	0.53	173.98
H	31.38	36.88	8.05	17.68197	92.6	0.53	174.72
H	33.74	11.23	36.42	17.69874	92.73	0.53	174.96
H	37.05	27.48	37.19	17.73982	92.61	0.53	174.74
H	37.68	32.36	36.30	17.75517	92.95	0.53	175.38
H	24.91	38.12	38.10	17.8425	92.38	0.53	174.30
H	12.03	37.12	16.64	17.87008	94.12	0.52	181.00
H	12.41	3.00	24.03	17.87315	92.81	0.53	175.11
H	14.35	39.40	30.72	17.90263	92.71	0.53	174.92
H	39.10	19.76	31.98	17.91255	93.49	0.52	179.79
H	29.14	39.74	9.06	17.9203	92.33	0.53	174.21
H	14.05	40.88	27.40	17.9242	92.52	0.53	174.57
H	6.77	18.31	37.83	17.93525	92.43	0.54	171.17
H	12.38	35.80	31.62	17.97984	93.38	0.53	176.19
H	12.62	35.52	13.71	18.00378	94.41	0.52	181.56
H	42.28	31.97	31.08	18.02697	93	0.53	175.47
H	14.04	19.50	10.04	18.04741	93.29	0.52	179.40
H	29.42	30.77	5.28	18.04932	92.54	0.53	174.60
H	32.06	11.87	14.21	18.0629	93.99	0.52	180.75
H	39.71	17.01	26.67	18.06539	92.93	0.52	178.71
H	11.60	33.47	13.91	18.07304	94.41	0.52	181.56
H	9.17	5.64	21.80	18.07323	92.36	0.53	174.26
H	23.85	30.18	5.14	18.09492	93.06	0.52	178.96
H	16.81	42.21	15.66	18.11687	93.19	0.52	179.21
H	40.79	32.29	12.41	18.11775	91.94	0.53	173.47
H	33.17	33.25	6.73	18.13406	92.67	0.53	174.85
H	42.86	36.45	21.27	18.15142	92.71	0.53	174.92
H	22.75	24.71	5.63	18.20943	93.21	0.52	179.25
H	10.46	20.30	41.63	18.25997	92.14	0.53	173.85
H	8.07	27.93	35.81	18.29081	92.67	0.53	174.85
H	16.08	19.01	9.07	18.29535	93.07	0.52	178.98
H	16.51	37.47	35.63	18.31528	93.1	0.53	175.66
H	22.81	15.27	8.80	18.32085	93.02	0.53	175.51
H	6.23	8.08	23.10	18.32666	92.06	0.53	173.70
H	8.25	5.20	25.41	18.3826	92.2	0.53	173.96
H	35.46	30.99	38.89	18.39591	92.35	0.53	174.25
H	7.31	29.70	32.25	18.41064	92.98	0.53	175.43
H	25.16	2.05	19.56	18.46539	92.81	0.52	178.48
H	17.91	2.22	34.94	18.4918	92.61	0.53	174.74
H	33.96	42.54	13.14	18.49539	92.24	0.53	174.04
H	31.67	4.36	31.68	18.49697	92.74	0.53	174.98
H	5.11	13.42	18.44	18.50149	92.69	0.53	174.89

H	38.18	38.10	12.07	18.50357	91.67	0.53	172.96
H	38.73	16.44	31.02	18.50693	92.98	0.53	175.43
H	11.04	38.91	23.91	18.51651	92.6	0.53	174.72
H	8.98	34.32	25.31	18.53033	92.5	0.53	174.53
H	34.97	22.54	7.71	18.54113	93.05	0.53	175.57
H	23.49	0.66	22.50	18.54429	93.17	0.52	179.17
H	7.15	25.86	16.59	18.55599	93.51	0.52	179.83
H	9.16	5.87	33.70	18.58068	91.41	0.53	172.47
H	4.79	18.06	17.39	18.5875	92.85	0.53	175.19
H	38.75	18.26	13.73	18.60407	92.64	0.53	174.79
H	35.88	43.13	30.35	18.66715	92.41	0.53	174.36
H	35.13	20.40	8.70	18.67399	93	0.53	175.47
H	20.64	35.23	6.42	18.72467	92.8	0.53	175.09
H	26.98	38.90	38.73	18.72678	92.3	0.53	174.15
H	27.35	12.30	43.17	18.74275	92.01	0.53	173.60
H	40.52	36.28	32.90	18.74374	92.28	0.53	174.11
H	34.16	43.41	31.84	18.74529	92.22	0.54	170.78
H	29.78	7.57	39.07	18.76198	92.01	0.53	173.60
H	24.36	33.84	40.96	18.80153	92.18	0.53	173.92
H	11.06	3.10	22.18	18.82516	92.74	0.53	174.98
H	31.73	32.31	5.25	18.82778	92.53	0.54	171.35
H	13.43	9.62	11.88	18.83173	92.56	0.53	174.64
H	28.15	28.13	41.74	18.83857	92.65	0.52	178.17
H	12.50	26.52	10.51	18.88486	92.58	0.53	174.68
H	6.91	24.03	15.24	18.88611	93.42	0.52	179.65
H	27.16	15.93	44.35	18.90307	92.25	0.53	174.06
H	12.36	24.26	10.83	18.90758	92.43	0.54	171.17
H	28.27	1.39	29.80	18.91453	92.44	0.53	174.42
H	38.91	14.64	20.89	18.92381	93.38	0.53	176.19
H	12.99	1.31	27.22	18.92754	92.51	0.53	174.55
H	30.08	41.88	9.80	18.92943	92.36	0.53	174.26
H	31.88	27.28	4.89	18.93455	92.6	0.53	174.72
H	22.62	6.43	41.20	18.94263	92.45	0.53	174.43
H	38.20	16.13	34.04	18.98455	92.72	0.52	178.31
H	5.70	18.25	15.28	18.99147	92.49	0.53	174.51
H	21.33	37.34	6.78	19.04223	92.51	0.53	174.55
H	40.14	40.47	29.27	19.04236	92.32	0.53	174.19
H	38.04	40.19	13.02	19.04618	91.87	0.52	176.67
H	32.45	9.60	14.51	19.05533	94.14	0.52	181.04
H	31.86	17.53	42.27	19.07144	92.25	0.53	174.06
H	34.70	7.26	33.50	19.08752	92.49	0.53	174.51
H	39.90	15.14	22.87	19.11165	93.02	0.53	175.51
H	31.65	34.76	40.40	19.12564	92.09	0.53	173.75
H	32.35	13.81	41.30	19.1508	92.37	0.53	174.28
H	16.83	33.31	7.07	19.1672	92.56	0.53	174.64
H	1.83	20.80	25.69	19.18925	92.91	0.53	175.30
H	20.70	13.08	8.32	19.19422	92.92	0.53	175.32
H	41.51	37.48	31.19	19.19787	92.24	0.53	174.04
H	24.10	34.87	4.94	19.20233	92.56	0.53	174.64
H	12.74	7.12	13.57	19.20319	92.33	0.53	174.21
H	29.16	11.06	42.37	19.21977	92.19	0.53	173.94
H	23.93	43.98	34.50	19.25126	92.2	0.53	173.96
H	3.98	27.73	27.82	19.25536	93.12	0.53	175.70
H	34.26	28.93	5.36	19.25878	92.57	0.53	174.66
H	9.92	36.87	17.46	19.26727	93.9	0.52	180.58
H	21.73	28.98	42.89	19.27074	93	0.53	175.47
H	43.54	19.96	25.14	19.30433	93.18	0.53	175.81
H	21.02	43.32	11.52	19.31895	92.28	0.53	174.11
H	28.91	4.72	37.58	19.31939	92.35	0.53	174.25
H	35.97	33.19	39.27	19.35348	92.4	0.53	174.34
H	2.77	24.98	24.08	19.38526	93.38	0.53	176.19
H	13.18	36.10	35.03	19.39716	93.05	0.53	175.57

H	6.79	19.53	13.34	19.4357	92.44	0.53	174.42
H	38.57	16.09	14.47	19.45966	92.44	0.53	174.42
H	13.25	1.73	20.41	19.48057	92.78	0.53	175.06
H	20.27	37.24	39.38	19.48206	92.35	0.53	174.25
H	19.93	41.81	10.07	19.48853	92.27	0.53	174.09
H	43.55	23.94	31.12	19.49854	93.17	0.53	175.79
H	44.53	34.00	17.67	19.50956	92.68	0.53	174.87
H	17.49	31.48	5.88	19.51755	92.78	0.53	175.06
H	3.34	24.99	21.02	19.52109	93.35	0.53	176.13
H	5.28	24.43	36.93	19.53742	92.33	0.53	174.21
H	15.97	1.35	18.78	19.53841	93.1	0.52	179.04
H	8.01	32.90	18.18	19.54669	94.11	0.52	180.98
H	43.11	24.09	13.76	19.56965	92.43	0.53	174.40
H	38.56	30.44	7.65	19.57992	92.3	0.53	174.15
H	24.04	39.59	39.12	19.58596	92.25	0.53	174.06
H	4.10	10.14	32.50	19.60342	92.24	0.54	170.81
H	8.35	5.08	19.76	19.62794	92.29	0.53	174.13
H	30.87	3.59	18.74	19.6705	92.66	0.53	174.83
H	36.89	13.37	16.44	19.69861	92.02	0.53	173.62
H	23.40	42.83	36.45	19.71379	92.16	0.53	173.89
H	16.73	3.44	14.69	19.72405	92.33	0.53	174.21
H	13.33	3.06	36.42	19.7392	92.16	0.53	173.89
H	4.09	8.29	28.83	19.7494	92.02	0.53	173.62
H	34.29	6.50	18.62	19.76371	92.27	0.54	170.87
H	10.29	31.55	37.17	19.76678	92.92	0.53	175.32
H	37.81	17.76	36.86	19.76977	92.53	0.53	174.58
H	6.67	8.21	35.87	19.77746	91.5	0.54	169.44
H	7.58	33.19	26.76	19.78487	92.5	0.53	174.53
H	34.05	3.88	24.81	19.7989	92.54	0.53	174.60
H	34.68	26.67	5.06	19.81533	92.49	0.53	174.51
H	30.00	42.76	36.58	19.81747	91.9	0.53	173.40
H	30.48	24.69	3.97	19.84762	92.74	0.53	174.98
H	18.45	8.92	9.51	19.85375	92.41	0.54	171.13
H	17.55	27.04	5.34	19.85799	92.39	0.53	174.32
H	43.87	19.93	19.13	19.86448	92.43	0.53	174.40
H	41.72	34.07	11.36	19.8676	92.01	0.53	173.60
H	14.54	31.09	40.82	19.90929	92.81	0.53	175.11
H	23.93	24.72	3.64	19.92894	93.01	0.52	178.87
H	28.98	2.44	18.16	19.95224	92.58	0.53	174.68
H	32.54	2.65	23.55	19.96309	92.44	0.53	174.42
H	31.52	11.85	42.23	19.96495	91.97	0.53	173.53
H	29.23	7.68	41.26	19.97312	92.15	0.53	173.87
H	34.54	21.54	40.95	19.97496	92.65	0.52	178.17
H	42.24	38.93	16.04	19.97529	91.99	0.54	170.35
H	1.70	18.30	21.05	19.97583	92.48	0.54	171.26
H	29.44	15.80	44.57	19.99205	92.16	0.53	173.89
H	41.31	28.38	9.55	19.99838	92.09	0.53	173.75
H	38.32	27.68	39.08	19.99884	92.55	0.53	174.62
H	33.12	43.97	34.21	20.02457	91.97	0.53	173.53
H	9.60	14.22	42.72	20.02536	91.89	0.54	170.17
H	3.97	28.11	21.79	20.03441	93.47	0.53	176.36
H	6.20	14.52	39.89	20.10334	91.77	0.54	169.94
H	8.53	19.62	10.85	20.12522	92.57	0.53	174.66
H	26.79	5.77	41.15	20.14813	91.97	0.53	173.53
H	41.63	42.00	24.52	20.15665	92.01	0.53	173.60
H	14.33	35.77	8.51	20.1611	92.57	0.53	174.66
H	31.59	19.22	43.81	20.19253	92.29	0.53	174.13
H	41.83	31.78	35.78	20.19457	92.37	0.53	174.28
H	8.27	15.34	11.24	20.20298	92.22	0.54	170.78
H	22.01	2.19	14.74	20.28556	92.71	0.53	174.92
H	1.01	16.96	22.79	20.28673	92.68	0.54	171.63
H	30.50	0.88	29.52	20.29594	92.61	0.53	174.74

H	11.20	1.31	31.55	20.3146	91.81	0.53	173.23
H	34.61	4.97	20.29	20.35041	92.36	0.54	171.04
H	38.57	11.32	19.70	20.37265	92.53	0.54	171.35
H	36.00	5.12	29.26	20.38516	92.08	0.54	170.52
H	4.14	29.74	23.39	20.40678	93.42	0.53	176.26
H	25.85	4.07	13.19	20.42115	92.74	0.53	174.98
H	3.42	8.16	24.31	20.42228	92.36	0.53	174.26
H	0.80	15.61	29.26	20.42331	92.26	0.53	174.08
H	32.68	4.49	35.71	20.43446	91.95	0.53	173.49
H	28.86	32.02	43.04	20.45745	92.43	0.53	174.40
H	26.51	0.19	19.52	20.48879	92.67	0.52	178.21
H	8.17	34.85	29.89	20.50874	92.2	0.53	173.96
H	30.15	40.01	6.19	20.53411	92.14	0.53	173.85
H	6.55	28.86	37.23	20.54241	92.67	0.53	174.85
H	21.82	0.69	16.45	20.60118	92.85	0.53	175.19
H	25.82	15.56	6.94	20.61357	92.54	0.53	174.60
H	9.37	7.15	13.91	20.6227	92.1	0.53	173.77
H	12.78	43.87	26.22	20.65572	92.48	0.53	174.49
H	9.51	1.56	29.99	20.65628	91.79	0.53	173.19
H	43.66	39.72	26.56	20.67065	92.32	0.53	174.19
H	44.54	36.49	29.57	20.69226	92.17	0.53	173.91
H	2.76	17.40	36.74	20.71158	91.99	0.53	173.57
H	42.28	16.68	17.01	20.75738	91.79	0.53	173.19
H	22.22	39.18	40.43	20.76149	92.38	0.53	174.30
H	31.24	22.60	44.24	20.76437	92.42	0.53	174.38
H	18.40	38.61	39.40	20.78614	92.32	0.53	174.19
H	1.73	17.04	34.73	20.78648	92.13	0.53	173.83
H	38.75	8.62	22.90	20.80541	92.13	0.53	173.83
H	34.58	40.43	38.21	20.80912	91.9	0.54	170.19
H	8.09	4.01	34.54	20.84854	91.43	0.53	172.51
H	1.19	11.76	25.12	20.85596	91.97	0.53	173.53
H	40.87	26.38	37.92	20.86704	92.25	0.53	174.06
H	40.43	42.40	30.47	20.8716	92.2	0.53	173.96
H	11.16	42.93	23.24	20.87228	92.56	0.53	174.64
H	22.22	44.06	9.44	20.87574	91.94	0.53	173.47
H	29.67	44.33	9.40	20.9003	92.28	0.53	174.11
H	37.52	13.27	14.27	20.91934	92.17	0.53	173.91
H	30.82	35.93	42.17	20.92985	92.11	0.53	173.79
H	40.69	44.03	25.03	20.9312	91.96	0.53	173.51
H	12.84	35.74	37.27	20.95946	92.83	0.53	175.15
H	43.66	37.63	14.79	20.974	91.95	0.53	173.49
H	4.57	29.90	19.96	20.98697	93.38	0.53	176.19
H	35.42	38.56	39.28	21.00089	91.86	0.54	170.11
H	41.65	24.48	36.90	21.01041	92.19	0.53	173.94
H	30.29	42.16	38.78	21.05052	91.77	0.53	173.15
H	16.93	14.31	6.46	21.06279	91.8	0.52	176.54
H	39.66	18.98	36.22	21.07978	92.52	0.53	174.57
H	6.27	15.83	41.76	21.12138	91.67	0.54	169.76
H	43.20	24.12	35.06	21.12616	92.16	0.53	173.89
H	10.76	18.01	8.17	21.12764	92.23	0.53	174.02
H	11.41	1.78	17.94	21.1322	92.46	0.53	174.45
H	11.51	15.88	7.92	21.15629	92.28	0.54	170.89
H	5.45	11.88	13.80	21.16996	92.2	0.53	173.96
H	24.32	9.21	8.00	21.194	92.15	0.53	173.87
H	35.65	39.06	6.86	21.19986	92.37	0.54	171.06
H	21.41	38.55	4.86	21.21589	92.61	0.53	174.74
H	35.43	19.76	42.09	21.21971	92.69	0.52	178.25
H	11.55	43.75	21.15	21.2427	92.69	0.53	174.89
H	38.58	42.59	33.70	21.25131	92.11	0.53	173.79
H	29.55	15.70	6.50	21.25713	92.25	0.53	174.06
H	12.99	34.22	7.50	21.26015	92.44	0.53	174.42
H	15.89	22.70	5.59	21.26335	92.06	0.54	170.48

H	31.25	6.44	12.65	21.26433	92.58	0.53	174.68
H	24.78	20.26	3.51	21.31815	92.56	0.53	174.64
H	9.24	27.88	10.50	21.32467	92.37	0.53	174.28
H	24.03	39.38	4.65	21.33049	92.22	0.53	174.00
H	38.87	35.75	38.89	21.33244	92.1	0.53	173.77
H	8.58	39.51	27.42	21.36068	92.03	0.53	173.64
H	16.04	0.19	16.86	21.36279	93.18	0.52	179.19
H	13.56	39.06	9.42	21.38077	92.92	0.53	175.32
H	0.42	24.28	29.38	21.39407	92.96	0.53	175.40
H	12.41	39.76	11.22	21.39572	92.82	0.53	175.13
H	12.23	8.03	43.29	21.41547	91.54	0.53	172.72
H	39.12	10.54	34.56	21.4243	91.47	0.53	172.58
H	28.12	26.93	1.70	21.42517	92.54	0.53	174.60
H	38.31	6.49	23.60	21.4285	92.15	0.53	173.87
H	9.14	30.69	39.91	21.42937	92.33	0.53	174.21
H	4.01	31.42	29.83	21.44563	92.03	0.53	173.64
H	4.05	26.17	37.78	21.51476	92.29	0.53	174.13
H	42.21	14.55	26.73	21.51817	92.37	0.53	174.28
H	29.42	8.61	9.64	21.52621	92.05	0.53	173.68
H	43.70	30.40	35.83	21.52673	92.45	0.53	174.43
H	24.91	16.73	5.19	21.53771	92.61	0.53	174.74
H	36.76	4.74	31.37	21.55763	92.08	0.53	173.74
H	17.66	28.07	3.32	21.56815	92.42	0.53	174.38
H	5.51	31.58	18.84	21.57641	93.49	0.53	176.40
H	39.38	35.67	7.07	21.60591	91.67	0.53	172.96
H	34.81	4.17	34.93	21.63791	92.11	0.53	173.79
H	19.50	8.70	7.47	21.65724	92.48	0.54	171.26
H	30.79	10.46	9.24	21.66596	91.84	0.53	173.28
H	23.40	1.59	40.01	21.66981	91.91	0.53	173.42
H	23.66	41.40	5.60	21.67664	92.25	0.53	174.06
H	9.23	4.94	14.44	21.68796	92.48	0.53	174.49
H	40.30	42.66	13.64	21.69895	91.47	0.53	172.58
H	29.70	21.18	2.90	21.70951	92.65	0.53	174.81
H	4.36	7.47	35.55	21.72579	91.65	0.54	169.72
H	41.56	12.09	25.03	21.75337	92.63	0.53	174.77
H	0.79	10.86	23.09	21.78487	91.99	0.53	173.57
H	32.17	24.71	44.28	21.7887	92.43	0.52	177.75
H	15.44	2.29	13.22	21.79998	92.45	0.52	177.79
H	38.66	22.71	40.05	21.81273	91.61	0.53	172.85
H	12.60	0.81	36.43	21.81666	92.38	0.54	171.07
H	40.25	30.98	6.18	21.82041	92.2	0.53	173.96
H	12.30	43.33	15.04	21.8337	92.28	0.53	174.11
H	13.23	41.64	34.60	21.83602	92.28	0.54	170.89
H	2.33	13.69	37.24	21.83901	91.68	0.53	172.98
H	27.15	4.38	11.31	21.84611	92.69	0.53	174.89
H	25.52	1.85	13.39	21.84931	92.87	0.53	175.23
H	42.90	25.86	8.81	21.86976	91.88	0.53	173.36
H	28.41	19.29	3.33	21.8967	92.47	0.53	174.47
H	16.64	5.40	43.76	21.91152	91.52	0.53	172.68
H	20.90	22.01	2.89	21.92778	92.83	0.53	175.15
H	19.34	23.66	2.89	21.9378	92.95	0.53	175.38
H	41.18	24.88	7.15	21.93914	91.95	0.53	173.49
H	0.79	22.59	18.84	21.93925	92.82	0.53	175.13
H	42.84	19.24	34.11	21.94505	92.46	0.53	174.45
H	42.65	16.39	14.76	21.95031	91.72	0.53	173.06
H	8.23	12.65	43.69	21.9508	91.79	0.54	169.98
H	9.84	24.34	8.64	21.95872	92.16	0.53	173.89
H	14.77	4.63	42.67	22.0071	91.56	0.53	172.75
H	9.63	41.16	29.79	22.00969	92.08	0.53	173.74
H	35.21	12.06	11.31	22.02747	92.09	0.53	173.75
H	33.77	29.39	43.78	22.03558	92.2	0.53	173.96
H	28.91	13.50	6.83	22.03882	91.94	0.53	173.47

H	43.75	37.47	33.60	22.04515	92.24	0.53	174.04
H	19.71	33.66	43.38	22.04878	92	0.53	173.58
H	39.72	33.09	40.10	22.05525	92.18	0.54	170.70
H	9.80	29.02	8.57	22.0584	92.36	0.53	174.26
H	18.99	1.19	40.24	22.05882	92.07	0.53	173.72
H	19.41	37.77	4.12	22.07285	92.39	0.54	171.09
H	38.45	10.73	37.53	22.07328	91.42	0.54	169.30
H	6.52	16.29	10.09	22.07378	92.12	0.53	173.81
H	10.73	39.64	33.96	22.07545	92.42	0.54	171.15
H	5.30	6.55	16.59	22.08595	91.89	0.54	170.17
H	0.18	26.23	25.24	22.11765	93.38	0.53	176.19
H	12.91	29.96	5.57	22.12032	92.38	0.54	171.07
H	12.42	33.32	40.85	22.13094	92.55	0.53	174.62
H	9.94	7.85	42.81	22.17278	91.53	0.53	172.70
H	26.39	4.13	42.66	22.17958	91.84	0.53	173.28
H	26.20	11.14	6.50	22.18018	92.14	0.53	173.85
H	3.45	21.29	40.26	22.22663	91.81	0.53	173.23
H	42.49	35.49	9.06	22.24016	91.71	0.53	173.04
H	36.96	15.86	41.89	22.27788	91.95	0.53	173.49
H	4.53	13.41	12.42	22.29642	92.47	0.54	171.24
H	34.41	28.81	2.11	22.32401	92.25	0.53	174.06
H	0.90	22.33	35.98	22.3252	92.29	0.53	174.13
H	6.65	27.20	11.84	22.33118	92.48	0.54	171.26
H	5.12	34.92	21.01	22.33148	92.88	0.53	175.25
H	7.81	23.46	9.25	22.35786	92.12	0.53	173.81
H	15.78	36.34	41.09	22.3588	92.2	0.53	173.96
H	39.85	9.55	19.01	22.37765	92.34	0.53	174.23
H	0.43	9.41	28.24	22.40892	91.82	0.53	173.25
H	7.55	39.75	18.16	22.42402	92.85	0.52	178.56
H	34.21	13.93	8.03	22.43236	91.95	0.53	173.49
H	42.06	13.16	18.75	22.44408	91.98	0.53	173.55
H	12.36	6.27	9.92	22.46121	91.95	0.53	173.49
H	18.69	41.00	5.84	22.46408	92.13	0.53	173.83
H	16.80	34.74	42.35	22.46481	92.06	0.53	173.70
H	27.74	24.72	0.90	22.48757	92.72	0.53	174.94
H	18.11	40.95	39.92	22.48836	91.82	0.53	173.25
H	6.52	33.32	35.78	22.50793	92.25	0.53	174.06
H	7.13	20.22	44.49	22.51548	91.95	0.53	173.49
H	7.27	33.85	12.41	22.52601	92.64	0.53	174.79
H	40.37	40.96	10.01	22.56549	91.6	0.54	169.63
H	15.13	24.17	4.03	22.57753	92.08	0.54	170.52
H	2.28	5.96	29.57	22.59857	91.67	0.53	172.96
H	43.03	35.01	37.15	22.64403	91.87	0.54	170.13
H	34.79	1.68	20.81	22.64787	92.24	0.53	174.04
H	2.55	30.21	33.15	22.6507	91.85	0.53	173.30
H	5.24	2.04	27.18	22.70416	91.8	0.54	170.00
H	14.01	44.13	11.83	22.72526	92.23	0.53	174.02
H	39.03	9.57	16.38	22.7435	92.26	0.53	174.08
H	5.93	35.41	30.08	22.74901	92.19	0.53	173.94
H	3.32	7.31	17.41	22.80171	91.97	0.54	170.31
H	34.51	10.03	10.50	22.84224	92.05	0.53	173.68
H	11.59	0.77	15.70	22.85172	92.3	0.53	174.15
H	35.82	6.78	14.00	22.8906	92.4	0.53	174.34
H	15.24	14.36	4.91	22.90202	91.88	0.53	173.36
H	43.34	15.81	31.53	22.90382	91.98	0.53	173.55
H	43.58	17.72	12.45	22.91137	91.88	0.53	173.36
H	39.93	17.87	39.43	22.9302	92.22	0.53	174.00
H	18.58	1.37	11.66	22.9338	92.04	0.53	173.66
H	36.45	1.75	25.51	22.93412	92	0.54	170.37
H	21.30	35.11	1.56	22.93777	92.04	0.53	173.66
H	27.50	39.89	43.02	22.9424	92.13	0.53	173.83
H	38.04	28.48	42.83	22.95844	92.04	0.53	173.66

H	22.21	28.54	0.42	22.96971	93.23	0.53	175.91
H	34.18	5.15	13.64	22.97143	92.55	0.53	174.62
H	16.14	1.45	41.39	22.98761	91.95	0.54	170.28
H	36.74	24.28	2.87	23.01208	92.38	0.53	174.30
H	1.91	20.57	13.79	23.02708	92.36	0.53	174.26
H	5.18	2.30	21.97	23.05147	91.6	0.53	172.83
H	35.21	40.49	5.12	23.07156	92.08	0.53	173.74
H	38.82	11.78	39.53	23.07369	91.58	0.54	169.59
H	31.00	39.39	2.98	23.08939	91.5	0.52	175.96
H	40.71	18.25	8.13	23.09317	91.84	0.53	173.28
H	10.05	38.61	35.89	23.10594	92.51	0.53	174.55
H	8.43	3.90	39.64	23.12099	91.09	0.53	171.87
H	27.88	44.37	40.10	23.20155	91.88	0.53	173.36
H	2.72	32.05	31.94	23.21722	91.95	0.53	173.49
H	4.63	26.14	11.90	23.26117	92.45	0.53	174.43
H	22.36	40.43	42.70	23.27675	92.21	0.53	173.98
H	39.26	28.00	3.52	23.29168	92.03	0.52	176.98
H	23.69	43.98	40.41	23.29856	92.09	0.53	173.75
H	27.35	38.08	44.34	23.31383	91.79	0.53	173.19
H	29.01	33.36	0.24	23.3423	92.36	0.53	174.26
H	40.67	8.84	34.38	23.34629	91.51	0.53	172.66
H	17.85	43.10	39.27	23.3488	92.04	0.53	173.66
H	20.49	33.13	0.84	23.35684	92.03	0.53	173.64
H	36.29	8.14	40.86	23.36213	91.32	0.54	169.11
H	5.40	6.92	39.85	23.36354	91.5	0.54	169.44
H	6.84	7.15	41.58	23.37326	91.62	0.54	169.67
H	34.41	17.22	4.25	23.38933	91.94	0.53	173.47
H	2.28	32.12	22.56	23.39255	93.34	0.53	176.11
H	31.15	5.14	10.51	23.40634	92.4	0.53	174.34
H	5.77	10.87	42.91	23.41301	91.64	0.54	169.70
H	13.38	43.85	35.19	23.41873	92.29	0.53	174.13
H	36.48	13.76	7.98	23.45585	91.99	0.53	173.57
H	2.51	12.23	39.94	23.46718	91.76	0.54	169.93
H	7.01	37.27	32.93	23.47651	92.15	0.53	173.87
H	25.09	19.96	1.26	23.47996	92.38	0.53	174.30
H	16.68	40.37	5.04	23.51802	92.19	0.53	173.94
H	44.17	21.86	9.08	23.51947	91.76	0.53	173.13
H	40.74	42.35	35.87	23.51973	91.62	0.53	172.87
H	12.81	42.99	10.19	23.52248	92.24	0.53	174.04
H	2.67	4.49	31.83	23.5264	91.54	0.53	172.72
H	5.08	20.30	9.35	23.53268	91.68	0.53	172.98
H	3.09	7.67	37.72	23.53766	91.78	0.54	169.96
H	43.29	19.32	9.47	23.53784	91.78	0.53	173.17
H	4.14	36.11	22.69	23.54071	92.84	0.53	175.17
H	24.18	35.59	0.56	23.54942	92.23	0.53	174.02
H	42.65	30.12	40.08	23.55108	91.99	0.54	170.35
H	15.26	9.10	5.86	23.56249	91.76	0.53	173.13
H	1.50	28.99	18.20	23.59941	92.84	0.53	175.17
H	38.10	35.29	3.44	23.64136	91.75	0.54	169.91
H	37.17	2.25	32.10	23.66187	91.94	0.53	173.47
H	43.92	19.48	36.12	23.70742	92.2	0.53	173.96
H	40.97	37.03	6.09	23.7193	91.64	0.53	172.91
H	14.42	40.82	39.48	23.72966	92.05	0.53	173.68
H	32.75	0.31	36.24	23.74424	91.87	0.53	173.34
H	38.80	9.34	14.16	23.74931	92.33	0.53	174.21
H	6.87	11.41	8.88	23.76407	91.61	0.54	169.65
H	42.41	23.24	6.21	23.77044	92.02	0.53	173.62
H	14.65	31.68	2.59	23.77139	92.45	0.53	174.43
H	6.29	40.56	27.29	23.79051	91.8	0.53	173.21
H	18.23	19.62	2.63	23.79759	92.51	0.53	174.55
H	17.07	1.93	10.04	23.83455	91.81	0.53	173.23
H	39.58	23.12	42.10	23.8438	91.84	0.53	173.28

H	13.71	38.89	40.52	23.94416	92.15	0.54	170.65
H	11.02	31.10	4.85	23.95513	92.15	0.54	170.65
H	38.01	3.37	19.63	23.96127	92.01	0.54	170.39
H	0.20	28.39	33.84	23.96729	92.55	0.53	174.62
H	3.42	28.07	40.13	23.97211	91.99	0.53	173.57
H	43.96	13.25	17.46	24.0057	91.95	0.53	173.49
H	42.59	10.73	33.30	24.01455	91.72	0.53	173.06
H	6.18	27.82	43.32	24.0205	91.89	0.54	170.17
H	37.83	33.32	2.28	24.03235	91.6	0.53	172.83
H	9.58	4.83	42.98	24.05225	91.59	0.54	169.61
H	1.66	32.88	24.61	24.06248	93.3	0.53	176.04
H	44.45	38.99	10.63	24.06741	91.95	0.53	173.49
H	3.81	33.72	34.34	24.07398	92.08	0.53	173.74
H	1.20	15.68	13.09	24.08536	91.77	0.53	173.15
H	41.65	15.50	38.49	24.08559	91.84	0.53	173.28
H	20.07	18.30	2.26	24.08983	92.63	0.53	174.77
H	3.51	20.85	43.31	24.11355	91.89	0.53	173.38
H	38.13	43.03	38.57	24.11598	91.69	0.54	169.80
H	3.56	18.68	9.90	24.1255	91.7	0.53	173.02
H	42.27	36.64	39.49	24.14258	91.85	0.54	170.09
H	7.82	0.67	16.97	24.15659	92.58	0.53	174.68
H	37.83	1.64	29.99	24.15677	91.83	0.53	173.26
H	0.58	6.24	22.00	24.16478	92.04	0.53	173.66
H	3.20	5.52	36.98	24.20028	91.66	0.53	172.94
H	5.93	25.81	44.39	24.25214	91.79	0.53	173.19
H	10.28	21.90	5.16	24.25557	91.46	0.53	172.57
H	7.73	9.33	8.49	24.27348	91.24	0.54	168.96
H	6.60	34.46	10.27	24.29116	92.6	0.53	174.72
H	22.00	7.10	5.28	24.32131	91.8	0.54	170.00
H	4.61	29.91	40.81	24.32941	91.95	0.53	173.49
H	15.60	30.06	1.25	24.35085	92.28	0.53	174.11
H	34.55	19.27	1.98	24.41765	92.09	0.53	173.75
H	36.69	5.93	40.40	24.41903	91.17	0.53	172.02
H	5.19	40.35	20.09	24.42472	92.63	0.53	174.77
H	2.48	2.50	24.97	24.43355	91.65	0.53	172.92
H	4.54	14.91	44.56	24.44216	91.69	0.53	173.00
H	42.54	42.55	35.25	24.44928	91.72	0.53	173.06
H	34.50	34.86	0.69	24.4575	91.79	0.53	173.19
H	43.40	24.47	40.14	24.46326	91.74	0.53	173.09
H	0.18	7.21	20.02	24.49833	92.08	0.53	173.74
H	39.28	6.61	37.68	24.52099	91.01	0.54	168.54
H	41.95	39.57	38.66	24.52141	91.92	0.53	173.43
H	38.84	15.27	43.11	24.54603	91.88	0.53	173.36
H	7.78	44.15	19.00	24.55918	92.56	0.53	174.64
H	19.60	11.79	3.10	24.59698	92	0.53	173.58
H	7.11	2.19	38.96	24.59805	91.37	0.53	172.40
H	6.04	42.17	25.73	24.61337	91.98	0.53	173.55
H	24.73	5.59	6.14	24.61637	92.1	0.53	173.77
H	37.21	2.53	17.62	24.61986	91.94	0.53	173.47
H	43.32	8.83	29.62	24.64183	91.88	0.53	173.36
H	28.58	0.15	12.17	24.67667	92.48	0.53	174.49
H	41.32	42.93	9.23	24.68223	91.5	0.53	172.64
H	7.65	34.29	40.38	24.68955	92.07	0.53	173.72
H	43.90	13.44	33.98	24.69198	91.71	0.53	173.04
H	22.07	13.55	2.56	24.69995	91.82	0.53	173.25
H	9.39	35.14	6.33	24.71408	92.07	0.54	170.50
H	17.05	35.74	1.22	24.72593	92.3	0.53	174.15
H	1.53	29.58	15.97	24.73042	92.65	0.53	174.81
H	30.83	38.84	0.80	24.74958	91.71	0.52	176.37
H	24.09	43.80	3.46	24.75786	92.06	0.54	170.48
H	8.75	41.14	10.92	24.77368	91.8	0.54	170.00
H	39.03	29.87	44.38	24.81735	91.9	0.53	173.40

H	0.47	22.14	13.02	24.82719	92.58	0.53	174.68
H	33.23	2.58	41.20	24.83806	91.47	0.53	172.58
H	9.96	2.65	42.43	24.84395	91.52	0.53	172.68
H	11.42	1.39	42.05	24.84613	91.57	0.53	172.77
H	43.59	12.94	14.25	24.87796	91.72	0.53	173.06
H	36.81	8.11	10.70	24.89586	91.86	0.54	170.11
H	36.56	0.24	20.50	24.89646	92.07	0.53	173.72
H	30.76	0.07	13.25	24.9019	92.59	0.53	174.70
H	35.07	7.03	9.81	24.90651	92.08	0.53	173.74
H	42.84	28.64	41.82	24.93152	91.82	0.53	173.25
H	14.87	35.39	1.93	24.94408	92.23	0.53	174.02
H	41.07	26.79	2.82	24.95651	92.01	0.53	173.60
H	8.07	21.36	5.43	25.00093	91.65	0.53	172.92
H	0.11	7.13	34.85	25.02132	91.55	0.54	169.54
H	33.54	41.10	43.60	25.03335	91.37	0.53	172.40
H	38.31	39.21	3.51	25.04883	91.33	0.53	172.32
H	40.70	8.33	38.16	25.06775	91.24	0.53	172.15
H	3.58	24.84	9.67	25.08196	92.29	0.53	174.13
H	3.46	32.04	13.54	25.11431	92.13	0.53	173.83
H	41.61	40.76	6.89	25.12167	91.42	0.53	172.49
H	4.07	0.32	22.29	25.15067	91.66	0.54	169.74
H	1.11	3.29	23.22	25.17875	91.68	0.53	172.98
H	39.40	33.99	43.98	25.18907	91.85	0.53	173.30
H	40.83	13.89	8.53	25.21091	91.67	0.54	169.76
H	34.90	37.12	0.71	25.22229	91.57	0.53	172.77
H	39.48	1.54	25.71	25.22232	91.96	0.53	173.51
H	31.47	7.75	6.51	25.2431	91.5	0.53	172.64
H	27.58	0.51	43.09	25.24395	92.03	0.53	173.64
H	40.81	3.49	30.33	25.24526	91.8	0.54	170.00
H	15.32	7.02	4.89	25.28562	91.7	0.53	173.02
H	14.55	12.28	3.03	25.30252	91.49	0.53	172.62
H	41.62	17.06	6.39	25.31742	91.66	0.53	172.94
H	4.20	9.25	43.42	25.34409	91.48	0.53	172.60
H	8.76	9.26	6.41	25.38698	91.51	0.54	169.46
H	3.56	36.80	15.47	25.4416	92.19	0.53	173.94
H	10.54	4.70	7.99	25.46194	91.68	0.53	172.98
H	9.74	27.85	3.82	25.47314	91.83	0.53	173.26
H	41.90	4.22	28.44	25.50947	91.94	0.53	173.47
H	8.00	36.70	7.28	25.52913	92.03	0.54	170.43
H	22.64	39.58	0.18	25.53233	92.16	0.53	173.89
H	39.00	41.22	4.51	25.53989	91.27	0.53	172.21
H	31.71	2.96	43.84	25.54851	91.4	0.53	172.45
H	4.22	37.84	31.70	25.5885	92.14	0.53	173.85
H	5.79	40.34	13.21	25.66166	91.94	0.53	173.47
H	0.84	3.04	31.02	25.6618	91.62	0.53	172.87
H	6.70	28.65	6.63	25.67951	92.01	0.53	173.60
H	26.84	4.66	5.89	25.72208	92.05	0.53	173.68
H	37.56	43.92	40.60	25.73044	91.65	0.53	172.92
H	33.08	43.31	43.17	25.73487	91.47	0.53	172.58
H	9.67	18.50	3.54	25.74321	91.77	0.53	173.15
H	20.72	5.36	4.56	25.77895	91.89	0.53	173.38
H	17.63	41.50	43.61	25.81251	92.19	0.53	173.94
H	39.10	24.00	0.93	25.83757	91.95	0.53	173.49
H	0.76	34.78	27.15	25.84972	92.54	0.53	174.60
H	43.00	24.13	42.39	25.88795	91.7	0.54	169.81
H	38.81	19.92	1.96	25.91558	91.86	0.53	173.32
H	40.18	2.96	19.22	25.91943	91.91	0.53	173.42
H	10.30	20.64	3.14	25.92772	91.65	0.53	172.92
H	42.57	12.85	10.31	25.92793	91.64	0.54	169.70
H	8.09	11.15	5.37	25.94749	91.31	0.54	169.09
H	39.66	34.90	1.45	25.97112	91.68	0.53	172.98
H	2.52	34.83	15.07	25.97302	92.01	0.53	173.60

H	6.63	40.35	10.86	25.99723	92	0.53	173.58
H	9.59	0.57	11.64	26.00953	91.97	0.53	173.53
H	4.62	7.06	9.83	26.07759	91.62	0.54	169.67
H	25.22	10.17	2.40	26.08461	91.86	0.53	173.32
H	15.11	44.56	5.61	26.09654	91.51	0.53	172.66
H	23.28	1.30	7.23	26.11718	91.9	0.53	173.40
H	11.52	40.20	4.89	26.12494	91.49	0.53	172.62
H	12.25	1.16	44.27	26.13485	91.53	0.53	172.70
H	19.72	42.01	44.49	26.15258	91.89	0.53	173.38
H	5.91	44.60	26.43	26.1965	91.95	0.53	173.49
H	3.32	17.14	7.27	26.22448	91.59	0.53	172.81
H	41.30	9.48	40.46	26.23781	91.39	0.53	172.43
H	6.64	31.99	44.27	26.29503	91.67	0.54	169.76
H	16.84	2.35	6.34	26.32532	91.51	0.53	172.66
H	0.93	25.57	10.97	26.35497	92.14	0.53	173.85
H	44.07	20.84	41.05	26.41549	91.61	0.53	172.85
H	39.35	17.81	2.63	26.44581	91.77	0.53	173.15
H	26.32	5.51	4.32	26.47617	91.89	0.53	173.38
H	25.17	43.75	1.19	26.48	92.15	0.54	170.65
H	10.68	41.28	40.17	26.49798	91.98	0.54	170.33
H	7.38	16.40	4.00	26.50116	92.07	0.54	170.50
H	14.15	18.96	1.08	26.50859	91.8	0.53	173.21
H	39.83	39.08	43.47	26.5282	91.53	0.53	172.70
H	35.76	12.60	4.09	26.53349	91.97	0.53	173.53
H	44.18	10.31	15.75	26.56438	91.59	0.53	172.81
H	41.96	4.98	17.80	26.62035	91.92	0.54	170.22
H	38.72	7.55	10.24	26.66635	91.98	0.53	173.55
H	12.33	25.20	0.54	26.77747	92.04	0.54	170.44
H	11.83	36.40	1.87	26.81744	91.92	0.54	170.22
H	38.46	40.92	43.71	26.83842	91.65	0.53	172.92
H	10.03	0.99	9.42	26.89886	91.85	0.54	170.09
H	6.33	35.53	41.82	26.97988	92.1	0.54	170.56
H	33.77	11.93	3.20	26.98148	91.89	0.53	173.38
H	31.00	8.68	3.73	26.98863	91.86	0.53	173.32
H	7.75	42.08	37.30	27.08752	91.28	0.54	169.04
H	43.65	18.63	41.36	27.09239	91.79	0.53	173.19
H	11.94	18.52	1.13	27.10377	91.73	0.53	173.08
H	1.35	34.79	36.18	27.10514	91.94	0.53	173.47
H	4.89	0.62	14.09	27.11022	91.92	0.53	173.43
H	2.06	32.91	11.92	27.14423	92.15	0.54	170.65
H	40.26	2.49	36.95	27.16865	91.84	0.53	173.28
H	42.31	42.69	5.78	27.19353	91.56	0.54	169.56
H	43.62	15.31	41.28	27.2082	91.79	0.53	173.19
H	17.76	9.70	1.16	27.21976	91.42	0.53	172.49
H	12.35	41.02	3.13	27.28346	91.58	0.53	172.79
H	40.07	1.05	35.14	27.30289	91.98	0.53	173.55
H	32.89	6.44	5.39	27.31229	91.74	0.53	173.09
H	9.08	39.81	40.92	27.32653	91.74	0.54	169.89
H	43.00	4.14	19.64	27.34184	92.06	0.54	170.48
H	14.20	40.90	1.79	27.34268	91.63	0.54	169.69
H	3.90	3.75	42.30	27.3476	91.39	0.54	169.24
H	6.45	28.56	4.37	27.35756	91.83	0.53	173.26
H	13.81	10.91	1.38	27.38143	91.47	0.53	172.58
H	34.33	43.08	0.92	27.44494	91.4	0.53	172.45
H	9.41	41.03	5.24	27.5183	91.6	0.53	172.83
H	3.61	40.84	13.59	27.52821	92.11	0.53	173.79
H	4.11	38.73	10.42	27.538	92.01	0.53	173.60
H	2.49	30.24	9.57	27.54515	91.96	0.54	170.30
H	2.70	15.16	6.26	27.55982	91.67	0.53	172.96
H	1.06	39.07	25.75	27.58286	92.28	0.53	174.11
H	6.04	43.88	33.76	27.62121	91.31	0.54	169.09
H	11.09	27.09	0.12	27.62507	91.79	0.54	169.98

H	7.85	27.78	2.61	27.64194	91.77	0.53	173.15
H	41.09	9.35	9.46	27.80081	91.6	0.54	169.63
H	44.12	35.21	43.57	27.85345	91.34	0.54	169.15
H	0.36	38.44	20.22	28.00547	92.32	0.53	174.19
H	1.39	37.58	33.26	28.00975	92.09	0.54	170.54
H	4.15	39.29	36.19	28.01446	91.47	0.54	169.39
H	42.35	40.08	2.82	28.0346	91.3	0.54	169.07
H	4.15	4.56	44.42	28.05054	91.63	0.54	169.69
H	0.55	11.29	8.73	28.07114	91.41	0.54	169.28
H	2.70	5.89	9.40	28.09232	91.61	0.53	172.85
H	4.62	38.40	38.22	28.11702	91.27	0.53	172.21
H	2.50	41.56	30.41	28.19829	92.11	0.53	173.79
H	9.98	37.74	1.93	28.22526	91.76	0.54	169.93
H	44.27	4.91	34.69	28.2323	91.56	0.54	169.56
H	25.32	10.11	0.11	28.26031	91.89	0.53	173.38
H	44.41	21.00	2.52	28.28384	91.46	0.53	172.57
H	0.97	40.81	21.08	28.28768	91.96	0.53	173.51
H	8.51	3.13	6.35	28.36085	91.91	0.53	173.42
H	6.25	14.97	2.64	28.39143	91.73	0.54	169.87
H	26.33	5.51	2.06	28.41583	91.72	0.53	173.06
H	3.18	0.18	39.36	28.43254	90.93	0.53	171.57
H	4.96	9.10	5.10	28.44109	91.37	0.54	169.20
H	41.05	41.88	2.35	28.44644	91.4	0.54	169.26
H	20.83	3.64	2.46	28.45891	91.9	0.53	173.40
H	28.04	1.23	5.25	28.49391	91.99	0.54	170.35
H	4.51	42.53	34.81	28.5088	91.59	0.53	172.81
H	5.21	21.04	2.96	28.55749	91.77	0.53	173.15
H	22.60	0.45	4.64	28.58398	92.18	0.54	170.70
H	41.85	0.42	19.69	28.59987	91.94	0.53	173.47
H	9.77	6.92	2.97	28.66303	91.29	0.54	169.06
H	44.12	8.30	40.04	28.68477	91.46	0.53	172.57
H	16.93	7.76	0.33	28.77388	91.64	0.53	172.91
H	1.68	24.93	6.16	28.84079	92.02	0.53	173.62
H	39.68	9.15	6.33	28.91432	91.24	0.53	172.15
H	36.65	0.54	10.47	28.93269	91.37	0.53	172.40
H	3.11	37.83	8.57	28.93542	91.88	0.53	173.36
H	5.48	34.02	3.78	28.95524	91.58	0.53	172.79
H	44.17	14.50	43.42	28.95753	91.85	0.53	173.30
H	39.36	13.03	2.34	28.96556	91.54	0.54	169.52
H	7.03	42.62	39.43	29.00876	91.36	0.53	172.38
H	1.76	31.92	8.11	29.03486	92.06	0.54	170.48
H	44.17	42.84	41.24	29.0462	91.28	0.54	169.04
H	3.36	0.22	12.45	29.06419	91.92	0.54	170.22
H	43.66	8.97	10.37	29.08251	91.45	0.54	169.35
H	31.28	8.40	1.48	29.12921	91.66	0.53	172.94
H	6.69	32.05	1.76	29.21673	91.5	0.54	169.44
H	0.82	42.90	21.98	29.32989	92.05	0.53	173.68
H	37.14	1.12	43.84	29.34147	91.18	0.53	172.04
H	1.80	23.10	4.84	29.37267	92.03	0.53	173.64
H	8.54	22.02	0.22	29.42983	92.01	0.53	173.60
H	8.22	33.53	0.38	29.45512	91.6	0.54	169.63
H	13.30	3.26	2.67	29.46517	91.47	0.53	172.58
H	5.03	19.04	1.80	29.53118	91.84	0.53	173.28
H	0.61	10.48	6.63	29.63511	91.41	0.54	169.28
H	1.58	43.46	16.47	29.65299	91.86	0.54	170.11
H	5.25	44.11	9.09	29.66209	91.54	0.53	172.72
H	34.97	2.08	6.46	29.66718	91.22	0.53	172.11
H	3.29	1.81	9.59	29.68519	91.64	0.54	169.70
H	12.81	0.89	4.20	29.71248	91.37	0.54	169.20
H	41.64	5.24	43.38	29.75999	90.91	0.53	171.53
H	15.29	2.21	2.38	29.82702	91.45	0.54	169.35
H	0.57	39.48	12.75	29.86237	91.83	0.53	173.26

H	31.40	4.21	2.72	29.86918	91.47	0.53	172.58
H	38.82	7.14	5.70	29.90561	91.41	0.53	172.47
H	10.93	5.34	1.73	29.94397	91.45	0.54	169.35
H	41.61	0.01	15.61	29.94644	91.64	0.53	172.91
H	36.33	0.74	8.22	29.96816	91.16	0.53	172.00
H	43.46	4.75	12.64	29.9854	91.38	0.54	169.22
H	43.50	3.22	14.36	29.99499	91.53	0.53	172.70
H	20.46	1.49	1.76	30.22063	92.01	0.53	173.60
H	36.43	7.99	2.99	30.27614	91.61	0.53	172.85
H	29.80	0.73	3.87	30.30789	92.05	0.53	173.68
H	1.79	35.08	43.69	30.42054	91.42	0.54	169.30
H	33.28	5.42	2.22	30.43341	91.41	0.53	172.47
H	0.68	44.28	18.40	30.46773	91.78	0.53	173.17
H	0.01	35.96	9.65	30.51752	92	0.53	173.58
H	44.22	6.86	10.90	30.53256	91.51	0.54	169.46
H	3.27	8.00	4.05	30.55995	91.5	0.54	169.44
H	8.83	2.80	3.33	30.63758	91.68	0.54	169.78
H	41.00	13.34	0.79	30.67442	91.47	0.53	172.58
H	43.17	43.67	44.03	30.70478	91.17	0.54	168.83
H	41.55	1.14	41.44	30.7753	91.16	0.54	168.81
H	5.08	3.83	4.61	30.88504	91.47	0.53	172.58
H	0.11	43.44	29.85	30.96438	92.19	0.53	173.94
H	7.87	42.06	43.85	30.97607	91.27	0.53	172.21
H	2.72	38.38	42.13	30.99438	91.63	0.54	169.69
H	43.32	2.65	41.23	31.09288	90.97	0.54	168.46

[a]distance to the nearest electron spin.

Table S13. MAS dependence of the MW on polarizations in the first bTbK structure

	x / Å	y / Å	z / Å	d^a / Å	I_{on} 5 kHz	I_{on} 10 kHz	I_{on} 15 kHz	I_{on} 20 kHz	I_{on} 25 kHz	I_{on} 30 kHz	I_{on} 35 kHz	I_{on} 40 kHz
e	24.97	28.78	21.52									
e	23.69	21.17	28.57									
H	24.65	29.62	19.32	2.38	60.4	62.7	62.1	61.9	61.6	61.1	60.8	59.5
H	23.30	18.96	29.36	2.38	58.7	59.0	57.4	56.2	54.7	53.7	52.3	51.8
H	25.86	20.83	27.63	2.39	60.8	62.7	61.0	60.1	59.7	58.9	57.7	57.3
H	23.82	23.56	28.27	2.41	57.5	57.5	56.0	55.1	54.5	53.9	52.7	52.3
H	22.63	28.29	21.13	2.42	60.0	60.8	59.4	58.3	57.7	57.8	56.4	55.3
H	21.38	20.88	29.30	2.44	59.5	61.4	60.3	59.4	58.8	58.1	57.1	56.6
H	25.92	28.87	23.93	2.59	59.2	62.4	63.0	62.3	61.0	60.4	59.5	58.7
H	27.10	29.70	22.86	2.68	59.4	62.8	63.6	63.6	62.3	60.9	59.7	58.8
H	25.90	28.49	18.67	3.02	58.9	60.9	60.4	59.3	58.3	57.3	55.4	54.8
H	21.11	22.65	29.30	3.06	59.0	60.3	58.8	57.1	55.8	54.7	53.8	53.5
H	27.15	27.41	19.82	3.09	58.6	60.7	59.8	58.4	57.3	56.4	55.1	54.5
H	24.77	18.17	28.63	3.20	58.4	59.3	57.4	56.1	54.4	53.8	52.6	52.0
H	25.92	26.31	23.58	3.35	58.3	60.4	59.6	58.0	56.9	55.4	54.6	53.7
H	22.01	24.06	28.27	3.35	57.6	57.3	55.3	54.3	52.7	52.2	51.6	51.0
H	26.01	19.03	27.36	3.38	59.8	61.5	59.3	57.7	56.3	55.2	54.3	53.5
H	22.52	27.86	19.32	3.42	59.1	60.6	58.8	57.9	56.4	56.1	54.8	53.9
H	25.65	20.17	25.95	3.42	60.2	61.6	58.8	57.6	56.1	55.4	54.0	53.3
H	22.51	26.55	20.57	3.45	58.9	59.9	58.4	57.0	55.8	55.8	54.0	53.3
H	22.95	24.00	26.72	3.45	57.3	56.0	53.6	52.6	51.3	50.7	50.0	50.1
H	23.07	17.80	27.98	3.48	58.1	58.1	55.6	54.3	52.8	51.7	51.0	50.5
H	26.11	25.98	19.75	3.50	58.4	60.5	59.3	57.7	57.2	56.0	54.9	53.9
H	24.11	28.33	18.16	3.50	59.7	61.4	60.3	59.3	57.7	57.4	55.7	54.9
H	22.15	19.04	26.20	3.54	57.4	57.6	55.1	53.8	52.8	51.4	50.2	50.1
H	20.18	21.68	28.11	3.58	58.5	59.3	56.8	55.3	54.2	53.2	52.5	52.1
H	27.69	28.26	23.80	3.59	58.9	62.2	61.6	60.5	59.1	57.9	57.2	56.3
H	28.48	28.13	20.93	3.63	58.6	60.6	59.4	58.1	56.9	56.3	54.9	54.0

H	20.93	20.95	26.22	3.63	57.3	57.2	54.7	53.3	52.2	51.2	50.5	50.2
H	27.13	25.73	22.44	3.85	58.6	60.6	59.6	57.8	56.9	55.5	54.6	53.7
H	21.54	22.59	25.64	3.89	56.9	56.3	53.4	52.1	51.3	50.4	49.5	49.4
H	24.35	25.47	19.54	3.91	58.4	59.7	58.7	57.4	56.2	55.6	54.1	53.6
H	23.78	18.89	25.38	3.92	57.8	57.6	55.0	53.7	52.7	51.3	50.3	50.0
H	22.62	27.89	24.59	3.96	54.9	53.3	50.2	48.0	47.1	46.7	45.2	45.2
H	28.04	26.32	20.98	3.97	58.5	60.4	59.5	58.0	56.8	55.7	54.8	54.1
H	23.37	23.97	25.21	4.38	56.4	55.1	52.5	51.6	50.5	49.5	48.8	49.0
H	27.23	19.54	31.18	4.69	47.2	40.7	38.9	36.4	35.5	33.3	32.6	32.4
H	24.97	23.45	24.41	4.91	55.8	53.5	51.3	50.1	49.3	48.3	48.2	47.9
H	19.74	18.13	29.28	5.04	54.3	51.2	48.7	47.3	45.9	44.6	43.7	43.0
H	22.14	25.08	23.52	5.07	54.7	51.7	49.2	48.2	47.2	46.4	45.8	46.5
H	20.92	16.93	27.76	5.13	54.6	51.6	49.0	48.1	46.3	45.3	44.6	43.9
H	27.02	24.87	26.91	5.25	54.0	51.0	47.6	46.3	45.7	44.0	43.1	42.5
H	26.91	32.69	24.45	5.26	48.2	44.3	39.2	37.3	36.3	35.0	34.7	33.6
H	22.00	24.41	21.81	5.29	54.0	51.3	48.8	47.8	47.0	46.3	45.9	45.8
H	27.21	22.47	32.50	5.44	44.0	38.8	37.1	35.3	34.0	32.2	31.7	30.5
H	24.05	26.47	30.11	5.53	49.6	43.3	39.9	38.7	37.2	35.3	34.6	33.5
H	28.27	28.93	17.09	5.53	49.4	43.9	40.7	39.2	38.7	37.7	36.5	36.3
H	18.49	20.05	30.75	5.75	52.2	48.1	44.9	44.3	42.3	41.6	40.7	40.2
H	19.29	29.54	20.72	5.79	48.2	43.1	39.9	39.4	38.6	37.2	36.3	36.1
H	24.40	34.22	23.61	5.86	44.8	40.8	36.8	35.5	34.8	33.5	32.8	32.1
H	21.09	22.73	23.45	5.95	54.1	51.7	49.5	48.3	47.2	47.1	46.6	46.3
H	29.27	23.05	27.11	6.06	53.0	49.5	45.7	44.4	44.1	42.6	42.2	41.4
H	27.47	27.10	26.85	6.12	53.9	51.0	47.6	45.9	45.5	44.1	42.9	42.3
H	25.20	22.45	22.77	6.13	54.5	52.2	50.2	48.8	47.8	47.7	47.1	46.9
H	18.16	23.16	26.68	6.17	49.3	44.1	41.8	41.2	40.8	40.0	40.0	39.1
H	19.51	31.75	21.32	6.22	48.0	42.5	39.8	39.1	38.2	37.2	36.0	35.7
H	26.18	17.86	23.90	6.24	52.4	48.2	46.2	45.4	44.4	43.5	42.8	42.8
H	30.66	27.17	23.59	6.27	49.6	46.5	43.8	42.9	42.8	40.8	40.9	40.0
H	22.18	24.13	33.97	6.34	42.9	38.5	36.5	35.2	33.8	32.1	31.5	30.2
H	26.14	29.30	15.29	6.37	49.1	43.5	40.2	38.5	38.3	37.0	36.9	35.8
H	30.60	31.34	23.04	6.37	45.3	41.0	38.8	36.8	36.0	34.6	33.9	33.5
H	28.10	17.44	31.26	6.38	46.3	40.0	38.3	35.7	34.8	33.0	32.0	32.0
H	23.84	16.06	24.70	6.41	51.0	46.8	45.1	43.8	42.8	42.0	41.5	40.8
H	20.40	24.29	21.05	6.42	53.9	51.0	48.2	47.2	46.3	46.0	45.5	45.4
H	25.56	24.81	16.38	6.53	48.1	42.8	41.2	39.9	39.3	38.7	38.5	37.6
H	20.03	28.94	25.89	6.59	45.4	41.1	38.4	37.7	36.5	35.5	35.4	33.6
H	22.13	19.50	34.80	6.64	43.0	38.5	36.5	35.1	33.3	32.0	31.5	30.3
H	21.93	21.70	22.15	6.67	53.6	51.5	49.1	48.2	47.1	46.7	46.5	45.8
H	23.98	22.11	21.41	6.74	54.0	51.3	49.5	48.4	47.1	46.9	46.6	46.4
H	20.59	25.93	17.24	6.75	46.8	42.9	40.7	40.9	39.9	39.1	39.2	38.9
H	23.57	14.35	28.34	6.83	44.2	39.5	37.1	36.7	36.1	34.4	34.9	33.7
H	30.76	32.62	21.13	6.97	45.1	40.6	38.6	36.6	35.5	34.7	34.0	33.5
H	22.35	26.76	32.64	7.04	43.6	38.9	36.7	35.5	34.1	32.5	31.9	30.7
H	21.50	31.01	27.40	7.18	43.6	39.7	37.5	36.4	35.1	34.3	34.2	32.5
H	24.93	20.44	35.62	7.20	42.5	38.1	36.0	34.7	33.1	31.4	30.9	29.9
H	20.64	15.86	24.66	7.26	45.8	42.1	40.2	39.6	39.2	38.2	38.0	37.7
H	21.77	34.98	23.60	7.28	43.9	39.9	36.4	35.0	34.3	33.1	32.9	32.0
H	27.69	24.73	33.59	7.34	43.3	38.5	36.7	34.7	33.4	32.0	31.4	30.2
H	21.80	22.51	35.58	7.39	42.7	38.6	36.4	35.1	33.7	32.2	31.5	30.0
H	19.67	27.89	16.40	7.43	46.2	42.3	40.6	40.0	39.4	38.6	38.7	38.4
H	21.43	32.94	16.48	7.43	42.8	38.9	36.4	35.4	33.3	32.6	31.1	30.6
H	23.38	34.15	16.48	7.54	43.0	38.8	36.1	35.1	33.3	32.3	31.1	30.5
H	30.50	29.19	16.42	7.54	46.8	41.7	39.1	37.6	36.9	36.3	35.8	35.4
H	16.74	22.54	31.22	7.56	48.2	44.1	41.2	39.4	38.8	37.9	37.4	37.1
H	29.82	22.16	24.21	7.58	50.8	47.5	44.5	43.3	42.8	41.7	41.1	40.8
H	24.31	29.28	13.97	7.60	48.2	42.8	39.8	38.2	38.3	36.9	36.5	35.5
H	29.74	20.90	33.21	7.63	43.0	38.7	36.3	34.6	33.7	31.9	30.7	30.1
H	18.44	25.05	20.14	7.64	52.1	48.6	46.5	45.8	45.0	44.8	44.4	44.7
H	24.06	36.48	21.55	7.75	43.7	39.6	36.3	34.6	34.0	32.1	32.0	31.1
H	23.93	33.49	27.70	7.83	43.6	39.8	37.2	36.0	35.0	34.0	33.8	32.4

H	16.25	21.91	26.22	7.84	48.4	43.6	41.1	40.4	40.3	39.1	39.3	38.5
H	19.55	15.85	32.70	7.91	43.4	39.0	36.7	35.6	34.3	33.3	32.6	32.0
H	20.86	23.78	16.65	8.10	47.1	42.8	40.8	40.8	40.0	39.5	39.2	38.9
H	32.48	25.94	22.94	8.15	48.8	46.0	42.9	42.3	42.1	40.6	40.2	39.6
H	26.16	33.89	27.86	8.23	43.5	40.1	37.1	35.8	35.3	33.9	33.5	32.2
H	25.05	12.96	29.47	8.37	42.8	38.9	36.8	36.3	35.7	34.2	34.3	33.2
H	22.22	19.98	20.34	8.44	51.5	48.7	47.1	45.9	45.5	45.4	45.0	45.0
H	28.46	30.71	28.97	8.45	43.6	40.1	37.2	36.1	35.1	34.0	33.5	32.9
H	19.82	35.59	21.28	8.54	44.0	39.5	36.6	35.1	34.4	33.5	32.9	32.2
H	21.53	33.25	27.95	8.55	43.3	39.6	37.1	36.0	35.2	34.0	34.0	32.1
H	24.83	37.11	19.46	8.59	43.6	39.3	36.2	34.6	33.7	32.2	32.0	30.8
H	27.65	22.56	16.18	8.62	45.0	40.8	39.5	38.3	38.2	37.2	37.0	36.3
H	26.02	19.76	20.27	8.74	46.1	42.7	41.4	41.0	40.9	40.6	40.6	40.9
H	18.39	15.44	24.62	8.74	45.5	41.5	39.8	39.5	38.4	37.8	37.3	37.5
H	17.65	17.86	34.08	8.82	43.0	38.5	36.4	35.5	33.9	33.3	32.5	31.7
H	29.44	15.31	31.97	8.89	43.4	38.5	37.0	34.8	34.0	32.3	31.9	31.4
H	16.94	30.95	24.68	8.90	43.2	39.1	37.0	36.2	35.7	34.7	33.7	33.1
H	30.19	29.21	29.03	9.16	43.1	40.0	37.4	36.4	35.1	34.1	33.3	32.7
H	30.13	35.59	24.86	9.18	41.6	38.0	35.6	34.1	33.3	31.2	31.5	30.6
H	20.50	28.82	32.68	9.25	43.1	38.1	36.5	35.2	33.4	32.4	31.7	30.3
H	15.79	25.85	27.39	9.26	43.2	39.0	37.3	36.9	36.3	35.8	35.7	34.7
H	15.64	28.51	20.85	9.36	45.4	41.4	40.3	39.7	39.3	38.3	38.2	37.7
H	27.63	27.73	34.22	9.51	42.8	38.0	36.1	34.5	33.2	31.8	30.9	30.1
H	15.71	26.42	21.74	9.55	45.5	41.5	40.6	40.1	39.8	39.0	39.0	38.4
H	29.03	19.52	20.77	9.59	44.7	41.6	40.1	39.5	39.1	38.7	38.7	38.7
H	14.35	18.85	28.42	9.62	42.7	38.8	37.1	36.0	35.8	34.5	33.7	33.3
H	17.14	14.11	27.21	9.73	43.0	39.4	37.5	36.8	36.2	34.7	34.2	33.9
H	24.09	21.98	38.27	9.75	41.4	37.7	35.3	34.4	32.7	31.3	30.2	29.8
H	15.98	32.41	23.07	9.82	43.1	39.5	37.1	36.4	35.7	34.5	33.7	32.9
H	33.31	27.91	16.35	9.86	43.2	39.6	37.4	36.5	35.9	35.3	34.3	33.6
H	22.85	11.40	29.72	9.88	42.3	38.7	36.6	35.7	35.0	33.3	33.6	32.2
H	23.41	12.94	22.97	9.96	43.1	39.7	37.7	37.3	36.3	35.6	35.5	34.7
H	30.20	35.25	27.13	10.03	41.8	38.0	35.4	34.0	33.3	31.5	31.4	30.4
H	33.05	23.59	31.49	10.10	41.9	37.7	35.4	33.7	32.4	31.0	30.0	29.3
H	18.04	33.10	27.48	10.11	42.8	38.5	36.5	35.6	34.5	33.5	32.7	32.2
H	34.11	33.13	22.75	10.20	41.9	38.4	36.0	35.0	33.9	32.3	32.1	31.1
H	16.37	27.12	32.54	10.23	42.3	38.1	36.3	35.1	34.5	32.8	32.6	31.6
H	25.34	23.70	12.58	10.29	43.1	39.6	37.3	36.6	36.0	35.0	34.7	33.6
H	25.44	25.79	11.69	10.29	42.9	39.7	36.9	36.8	36.3	34.5	34.6	33.9
H	18.19	26.54	14.07	10.32	43.3	39.7	38.4	38.1	37.3	36.8	36.5	36.3
H	30.86	14.22	25.94	10.32	41.9	38.3	36.3	34.8	33.8	32.5	32.2	30.9
H	29.26	32.19	12.76	10.34	42.0	37.5	35.5	34.3	33.3	31.9	31.3	30.5
H	21.71	29.21	34.82	10.37	42.7	38.0	36.3	35.0	33.3	31.9	31.5	30.3
H	32.38	35.53	18.76	10.40	41.8	37.8	35.4	34.6	33.3	31.9	31.0	30.1
H	31.60	26.25	13.81	10.48	42.5	39.1	37.3	36.1	35.9	35.0	33.7	33.1
H	15.60	21.41	21.86	10.51	42.9	39.0	37.8	38.1	37.1	36.1	36.0	35.9
H	21.36	18.92	38.57	10.51	42.3	37.7	35.6	34.2	32.9	31.6	30.4	29.5
H	35.18	28.47	19.07	10.51	42.5	38.9	36.5	35.6	34.8	33.9	33.1	31.9
H	28.18	36.53	15.18	10.52	41.6	38.0	35.3	33.8	32.5	30.9	30.0	29.0
H	28.00	17.41	19.73	10.52	44.4	41.2	39.8	39.5	38.8	38.4	38.3	38.0
H	26.52	15.74	37.21	10.60	42.0	37.3	35.1	33.6	31.8	29.9	29.7	28.7
H	16.54	19.60	20.86	10.63	43.0	38.7	38.0	38.1	37.2	36.3	35.9	35.8
H	15.56	28.08	29.48	10.71	42.8	38.7	37.1	36.1	35.3	34.3	34.0	33.1
H	21.73	19.43	17.36	10.73	44.2	41.4	40.7	40.4	40.3	40.7	40.5	40.4
H	24.53	19.82	15.62	10.74	43.9	40.6	39.2	38.5	38.1	37.7	37.5	37.2
H	17.54	33.38	15.29	10.74	41.9	38.1	35.9	34.8	33.9	32.4	31.3	30.8
H	31.74	15.51	24.22	10.76	41.8	38.1	36.5	34.8	33.8	32.4	32.1	30.9
H	30.43	37.67	24.19	10.77	41.8	38.0	35.5	34.1	33.3	31.4	31.1	30.5
H	20.60	36.65	15.59	10.78	41.9	37.4	36.0	34.6	33.2	31.1	30.4	29.5
H	18.32	25.32	36.97	10.80	42.2	38.2	35.9	34.6	33.6	31.8	31.2	30.2
H	35.63	29.00	23.40	10.83	42.1	38.6	36.2	35.2	34.4	33.2	32.6	31.1
H	33.64	24.87	16.32	10.85	42.9	39.1	37.0	36.2	35.3	34.3	33.6	32.8

H	26.12	36.62	14.10	10.86	41.6	37.9	35.2	33.8	32.9	30.7	30.3	28.8
H	32.47	18.37	34.39	10.90	42.0	37.8	35.4	33.6	32.7	31.1	30.1	29.5
H	27.66	17.54	38.10	10.95	41.7	37.2	34.9	33.8	31.7	30.0	29.5	28.6
H	29.92	30.20	11.84	10.97	41.8	37.4	35.3	34.3	33.1	32.0	31.3	30.5
H	17.58	12.02	28.06	11.01	43.1	39.4	37.5	36.9	35.6	34.7	34.0	33.4
H	33.62	20.04	33.27	11.05	42.1	37.5	35.3	33.6	32.7	31.2	30.2	29.3
H	17.32	17.93	37.11	11.14	42.5	37.9	35.9	34.6	33.5	32.2	31.0	30.0
H	29.36	24.51	37.57	11.15	41.7	37.3	35.0	33.5	32.7	30.8	29.7	29.2
H	21.59	10.60	25.72	11.15	42.9	38.3	36.6	35.8	34.7	33.6	33.1	31.9
H	21.34	38.73	25.02	11.16	42.0	37.6	35.3	33.9	33.2	31.0	30.7	29.6
H	22.96	23.56	39.48	11.19	41.8	37.8	35.2	34.4	32.9	31.4	30.0	29.8
H	34.18	24.84	29.95	11.19	42.1	37.7	35.2	33.9	32.6	31.4	30.2	29.3
H	27.76	10.95	26.29	11.24	42.1	38.0	35.9	34.8	33.7	32.6	31.3	30.8
H	34.06	16.80	28.69	11.25	41.6	37.6	35.9	33.7	33.0	30.7	30.2	28.9
H	24.35	25.50	38.97	11.29	41.5	37.6	35.5	33.9	32.9	31.2	30.3	29.7
H	15.58	26.36	34.52	11.32	42.4	38.0	36.1	35.2	34.5	32.5	32.0	31.3
H	20.55	20.87	39.45	11.33	42.4	37.8	35.5	34.4	33.2	31.6	30.5	29.6
H	14.31	15.28	31.06	11.36	42.6	38.3	36.5	35.0	34.2	33.5	32.0	31.4
H	18.44	21.92	15.21	11.38	42.4	39.5	37.4	37.1	36.3	35.4	34.8	34.6
H	26.07	12.54	21.49	11.42	43.3	39.7	37.9	37.1	36.3	35.5	35.4	34.5
H	12.36	19.63	27.56	11.48	42.8	38.9	36.9	36.1	35.9	34.4	33.5	32.8
H	20.62	31.11	11.08	11.55	42.0	37.8	36.0	35.3	34.1	32.9	32.1	31.4
H	29.23	10.99	28.07	11.60	42.0	37.9	35.9	34.8	33.6	32.5	31.2	30.6
H	35.85	30.35	25.28	11.62	42.0	38.1	36.1	35.2	34.4	33.1	32.0	30.9
H	27.30	14.42	19.80	11.64	43.1	39.9	38.4	37.5	36.9	36.1	35.7	35.3
H	35.86	31.99	18.75	11.69	42.1	37.8	35.9	34.7	33.2	31.8	31.0	29.8
H	24.93	39.98	25.11	11.77	41.6	37.6	35.3	33.7	32.8	31.2	30.3	28.7
H	24.48	38.65	15.11	11.78	41.6	37.7	35.1	33.8	32.9	30.8	30.0	28.8
H	21.59	23.24	11.69	11.78	42.2	38.6	36.9	36.1	35.7	34.4	33.6	33.1
H	20.50	34.44	12.21	11.78	41.6	37.7	35.5	34.5	33.2	32.0	30.8	29.9
H	17.51	35.24	27.96	11.78	42.9	38.5	36.3	35.6	34.6	33.4	32.4	32.0
H	31.35	14.09	34.06	11.79	42.4	38.0	36.2	34.3	33.3	31.4	30.9	29.9
H	34.82	17.77	30.62	11.82	41.5	37.4	35.5	33.4	32.9	30.8	29.9	28.9
H	36.43	26.64	19.59	11.82	42.4	38.8	36.8	35.3	34.8	34.1	33.3	32.0
H	12.74	21.70	33.09	11.86	42.0	38.1	36.2	35.1	34.6	33.3	32.3	31.7
H	26.77	39.46	26.36	11.86	41.4	37.6	35.4	33.9	33.0	31.2	30.5	28.9
H	19.78	28.98	10.86	11.86	42.0	38.0	36.0	35.3	33.8	33.1	32.5	31.4
H	34.63	30.35	28.22	11.87	42.1	38.2	36.0	34.8	33.4	31.8	30.3	29.8
H	21.61	9.65	30.52	11.87	42.0	38.6	36.4	35.4	34.7	33.4	32.6	31.8
H	14.70	34.08	18.76	11.88	41.9	38.2	35.9	34.6	33.8	32.0	31.0	30.5
H	14.94	28.03	15.17	11.89	42.4	38.6	36.6	36.1	34.8	34.3	33.5	32.8
H	19.38	38.22	16.75	11.97	41.7	37.2	35.7	34.2	32.9	31.3	30.3	29.7
H	30.12	22.02	12.99	12.04	42.4	39.2	37.4	36.5	35.5	34.9	34.3	33.1
H	23.31	10.04	33.30	12.11	42.2	38.4	36.1	34.8	34.0	32.5	31.9	30.8
H	11.84	20.80	31.17	12.14	42.2	38.3	36.4	35.4	34.7	33.5	32.2	31.5
H	34.35	36.27	19.71	12.14	41.9	38.0	35.3	34.4	32.9	32.0	30.7	29.7
H	16.23	24.57	37.56	12.17	42.1	38.1	35.8	34.3	33.4	32.0	31.3	29.9
H	20.92	28.05	38.22	12.18	42.3	37.6	35.5	34.2	33.4	31.6	30.5	29.2
H	33.73	22.13	16.22	12.21	42.7	38.9	36.8	35.7	35.3	34.0	33.4	32.4
H	28.21	38.88	15.46	12.22	41.6	37.9	35.3	33.8	32.6	31.1	29.7	29.0
H	20.03	14.90	38.48	12.28	41.6	37.7	35.1	34.1	32.5	31.6	29.7	28.7
H	35.07	22.73	17.92	12.31	42.5	38.8	36.6	35.6	35.4	34.3	33.4	32.3
H	12.74	25.98	31.58	12.33	42.1	38.4	36.4	35.5	34.3	33.5	32.4	31.5
H	33.47	34.01	14.28	12.34	41.5	37.3	35.2	34.0	32.5	30.7	29.7	28.9
H	12.33	22.33	23.73	12.41	42.6	38.8	37.1	36.6	35.8	34.2	34.0	33.4
H	30.25	39.83	23.55	12.42	41.9	38.0	35.5	34.0	33.3	31.2	30.9	30.2
H	12.05	25.40	29.47	12.42	42.1	38.1	36.4	35.5	34.7	33.2	32.4	31.5
H	14.80	31.95	15.12	12.43	42.2	38.2	36.2	35.1	33.9	32.4	31.9	30.9
H	31.20	33.11	31.46	12.50	41.7	37.5	35.1	34.0	32.8	31.3	30.4	29.1
H	16.64	11.88	33.16	12.54	42.1	38.2	36.2	35.0	33.9	32.1	31.3	31.1
H	35.33	21.74	22.56	12.57	42.5	38.7	36.6	35.8	35.9	33.8	33.2	32.5
H	13.98	15.78	22.63	12.59	42.2	38.7	36.8	36.0	34.5	33.2	32.3	31.8

H	26.15	32.71	9.62	12.59	41.4	37.7	34.9	34.1	32.3	31.1	30.3	28.8
H	34.11	20.10	21.57	12.60	42.4	38.8	36.4	36.0	35.5	33.7	33.2	32.5
H	26.27	26.40	39.74	12.60	41.4	37.9	35.4	34.0	32.8	30.8	30.2	29.6
H	17.20	18.96	39.14	12.61	42.4	38.0	35.8	34.6	33.2	32.1	30.6	29.7
H	30.32	12.39	22.37	12.63	42.1	38.2	36.3	34.8	33.7	32.2	31.9	30.6
H	13.92	13.27	30.03	12.65	42.6	38.1	36.2	35.3	33.9	33.4	32.2	31.5
H	18.76	15.15	18.58	12.66	42.1	38.1	36.7	35.0	34.8	33.4	31.7	31.2
H	16.66	38.06	24.09	12.72	42.1	37.8	35.4	33.9	33.5	31.3	30.5	29.9
H	12.61	28.56	18.48	12.72	42.1	38.5	37.3	36.0	35.2	33.9	33.3	32.0
H	17.23	10.59	31.43	12.73	42.2	38.0	36.3	34.9	33.8	32.5	31.3	31.4
H	25.60	38.36	13.11	12.77	41.5	38.0	35.3	33.7	32.8	30.8	30.2	28.9
H	31.89	23.85	11.92	12.83	42.5	39.2	37.3	36.1	36.0	34.5	33.6	32.7
H	29.34	19.72	13.49	12.87	42.6	39.0	37.6	36.5	35.8	34.6	34.0	33.3
H	22.77	36.33	11.29	12.91	41.4	37.6	35.3	34.2	32.8	31.9	30.3	29.2
H	22.63	8.62	25.72	12.92	42.6	38.5	36.4	35.6	35.0	33.2	32.7	31.9
H	17.07	11.40	23.25	12.94	41.8	38.7	36.5	35.5	34.6	32.6	32.2	31.8
H	36.34	32.85	16.70	13.01	41.8	37.7	36.0	34.9	33.3	31.9	31.0	29.6
H	26.60	41.67	20.35	13.05	41.3	37.8	35.1	33.4	32.7	30.9	29.7	28.4
H	12.44	32.37	22.37	13.05	42.4	38.3	36.4	35.2	34.0	33.2	31.8	30.9
H	31.96	16.70	19.42	13.12	42.0	39.0	37.4	36.1	35.1	34.0	33.2	32.6
H	32.13	23.48	38.37	13.14	41.9	37.3	34.8	33.4	32.2	30.6	29.5	28.6
H	18.92	13.07	37.76	13.15	41.8	37.7	35.2	33.9	32.5	31.3	29.6	28.5
H	11.27	16.85	29.42	13.17	42.5	38.0	36.0	35.5	34.0	32.9	31.6	31.3
H	25.97	18.63	13.18	13.17	42.9	39.7	38.5	37.4	37.0	36.4	35.6	34.9
H	14.98	24.83	13.82	13.22	42.3	38.6	36.9	36.6	35.4	34.4	33.5	33.2
H	20.02	41.01	20.18	13.26	41.9	37.7	35.2	33.3	32.3	30.9	29.9	29.0
H	32.96	28.62	34.53	13.30	41.5	37.3	35.3	33.8	32.1	30.3	29.0	28.2
H	36.55	23.56	26.09	13.31	41.7	37.6	35.9	34.2	33.2	31.6	29.7	29.3
H	21.07	40.90	25.64	13.39	42.0	37.5	35.4	34.0	32.7	30.9	30.6	29.5
H	12.07	21.05	21.81	13.44	42.4	38.6	37.4	36.7	35.7	34.4	34.0	33.6
H	25.44	7.82	29.12	13.47	42.1	37.9	35.6	34.7	33.5	32.2	31.2	30.2
H	36.32	35.79	23.79	13.53	41.7	37.6	35.1	33.9	32.9	30.9	30.0	29.1
H	30.24	30.09	9.12	13.54	41.8	37.5	35.2	33.9	32.9	31.2	30.7	29.7
H	20.27	13.27	18.08	13.57	42.1	38.3	36.8	35.1	34.7	33.1	31.7	31.3
H	17.03	20.24	14.55	13.59	42.3	39.3	37.4	36.5	35.8	34.9	34.1	34.2
H	27.07	32.04	36.06	13.63	41.8	37.3	35.1	33.9	32.3	30.5	29.6	28.5
H	37.12	22.70	30.40	13.64	42.0	37.5	35.3	33.7	32.5	30.8	29.3	28.7
H	24.56	11.61	38.26	13.65	41.7	37.2	35.1	33.5	31.4	29.6	29.6	27.9
H	16.78	30.93	35.28	13.71	42.0	37.6	35.3	34.2	33.1	31.3	29.8	28.7
H	31.09	19.63	40.05	13.75	41.4	37.1	34.9	33.2	31.7	30.1	29.2	27.5
H	30.20	33.15	33.49	13.77	41.7	37.4	35.2	34.1	32.6	31.4	29.8	29.1
H	31.41	40.96	20.67	13.81	41.5	37.6	35.4	33.8	32.6	30.8	30.0	28.8
H	16.28	29.57	10.81	13.82	42.1	37.7	36.2	35.1	33.8	32.4	31.4	30.7
H	16.47	14.87	18.57	13.84	42.0	38.4	36.5	35.1	34.7	33.4	31.7	31.1
H	37.49	21.69	27.32	13.87	41.7	37.3	35.4	33.8	33.2	31.4	29.8	29.1
H	27.02	30.23	38.53	13.87	41.7	37.6	35.3	33.8	32.3	30.7	29.6	28.4
H	25.80	14.86	16.39	13.87	42.6	39.4	37.6	36.7	36.3	34.7	34.7	33.5
H	27.76	41.11	15.69	13.93	41.5	37.9	35.0	33.5	32.5	31.1	29.8	28.8
H	13.03	34.63	17.25	13.96	41.9	37.8	35.9	34.7	33.4	31.7	31.0	30.7
H	27.34	7.81	30.33	13.97	41.8	37.7	35.8	34.5	33.4	32.3	30.8	30.1
H	26.20	36.71	10.09	13.97	41.8	37.6	35.2	33.8	32.4	31.2	29.9	28.6
H	33.02	14.82	20.28	14.00	42.2	38.9	37.2	36.3	35.0	33.7	33.3	32.4
H	32.75	17.46	38.59	14.01	41.5	36.9	34.8	33.0	31.4	29.9	29.2	27.8
H	9.79	23.01	28.42	14.02	42.2	38.2	35.9	34.9	34.5	33.2	32.1	31.1
H	30.28	14.77	39.18	14.04	41.9	37.2	35.0	33.3	31.7	29.7	29.2	27.9
H	20.90	31.15	38.06	14.05	41.9	37.6	35.4	34.1	33.1	31.2	30.0	28.7
H	34.09	35.15	30.11	14.06	41.6	37.6	34.9	33.5	32.5	30.9	29.8	28.6
H	19.36	33.80	33.44	14.09	41.8	37.8	35.1	33.4	32.4	30.4	29.1	28.7
H	35.15	13.45	25.78	14.10	42.0	37.9	35.8	34.0	32.8	31.0	29.9	29.3
H	13.03	35.69	24.67	14.15	42.3	38.1	35.9	34.3	33.4	31.5	30.4	29.9
H	36.68	30.71	29.23	14.16	42.2	38.1	35.5	34.2	33.4	31.6	30.1	29.8
H	18.97	21.91	10.70	14.16	42.2	38.5	36.8	35.6	34.9	34.0	32.8	32.6

H	11.69	16.24	22.86	14.17	42.3	38.4	36.6	36.1	34.1	33.5	32.2	31.7
H	26.94	38.37	31.77	14.18	41.5	37.5	35.0	33.3	32.0	29.9	29.2	28.0
H	24.17	35.89	33.78	14.20	41.7	37.3	34.9	33.4	31.9	30.4	29.0	28.2
H	34.62	30.94	11.33	14.21	41.8	37.1	35.3	33.7	32.4	30.7	29.7	28.3
H	26.29	12.44	39.48	14.21	41.7	37.2	35.0	33.5	31.3	29.6	29.5	28.1
H	33.66	35.48	12.50	14.21	41.5	37.2	35.3	33.8	32.4	30.9	29.7	28.5
H	22.54	7.92	33.57	14.21	42.3	38.2	36.0	34.8	33.9	32.3	31.5	30.3
H	21.98	36.30	33.22	14.22	41.6	37.5	34.9	33.8	32.0	30.4	29.3	28.3
H	11.45	33.11	20.43	14.24	42.3	38.2	36.4	35.1	34.2	32.8	31.5	31.2
H	15.17	39.14	22.62	14.30	41.9	37.9	35.3	33.9	33.1	31.4	30.4	29.4
H	28.93	42.39	19.59	14.31	41.5	37.7	35.2	33.6	32.4	30.9	30.2	28.2
H	23.69	21.78	42.86	14.31	42.0	37.4	35.6	34.1	32.3	30.6	29.7	29.0
H	15.48	10.21	24.39	14.32	42.0	38.9	36.2	35.7	34.6	32.6	32.3	31.5
H	28.67	12.19	38.59	14.35	41.6	37.1	35.3	33.0	31.4	29.9	29.5	27.9
H	27.38	35.15	8.89	14.36	41.6	37.5	35.1	33.8	32.4	31.2	30.0	28.5
H	34.70	26.45	36.15	14.37	41.7	37.5	35.2	33.6	32.2	30.4	28.5	27.7
H	10.69	28.35	19.77	14.39	42.2	38.5	36.9	35.9	35.3	33.5	32.8	31.8
H	26.68	24.41	7.87	14.44	41.6	38.0	36.0	34.5	33.5	31.8	31.1	29.8
H	19.08	7.47	28.69	14.46	42.2	38.0	36.0	34.9	34.0	32.2	31.1	30.2
H	9.29	21.38	29.93	14.47	42.2	38.1	36.2	35.2	34.4	33.0	32.0	31.0
H	36.00	15.41	33.66	14.52	41.8	37.4	35.0	33.3	31.9	29.7	29.0	27.6
H	30.04	27.21	8.00	14.53	41.6	37.7	35.3	33.9	33.1	31.5	30.5	29.4
H	23.83	38.94	31.87	14.55	41.7	37.3	35.1	33.8	32.3	30.1	28.9	27.9
H	24.92	15.82	42.04	14.55	41.6	37.2	34.6	33.0	31.9	30.0	29.8	27.6
H	32.03	9.26	28.03	14.55	42.1	37.4	35.4	34.0	32.4	30.8	30.0	28.9
H	25.19	43.35	21.04	14.58	41.4	37.7	35.3	33.6	32.5	31.1	29.8	28.3
H	30.52	10.17	21.81	14.61	42.3	38.3	36.5	34.3	33.6	32.3	31.4	30.1
H	12.46	29.39	13.97	14.63	41.9	38.3	36.5	35.5	34.5	33.1	32.3	31.6
H	19.82	7.82	33.17	14.64	41.9	37.9	36.2	34.7	33.9	32.3	31.7	30.4
H	38.12	28.70	27.97	14.65	42.1	37.8	35.5	34.5	33.2	31.7	30.1	29.2
H	32.23	37.53	30.78	14.66	41.4	37.4	34.7	33.2	32.1	30.8	29.3	28.2
H	13.84	30.22	34.60	14.67	42.1	37.5	35.6	34.1	33.0	30.9	29.8	28.3
H	33.18	39.76	16.25	14.69	41.7	37.7	34.9	33.4	31.8	30.3	29.1	28.2
H	25.61	32.80	7.39	14.71	41.5	37.7	35.1	33.9	32.6	31.1	30.2	28.6
H	31.07	16.48	16.06	14.78	42.6	38.4	36.9	35.3	34.2	33.2	32.6	31.4
H	17.27	25.76	9.22	14.82	41.7	37.9	36.0	34.8	33.8	32.3	30.8	30.6
H	38.42	19.55	28.14	14.82	41.8	37.5	35.2	33.5	33.3	31.3	30.0	29.0
H	20.28	42.52	18.52	14.82	41.7	37.7	35.0	33.2	32.3	31.1	29.7	28.6
H	14.54	21.14	40.24	14.84	42.2	37.5	35.2	33.8	32.0	30.9	29.7	28.9
H	39.01	24.61	18.96	14.87	41.8	38.6	35.7	35.1	33.7	32.3	31.1	30.0
H	36.87	15.64	24.45	14.88	41.7	38.0	35.7	33.7	32.8	30.7	29.6	28.8
H	16.79	39.69	15.57	14.88	41.8	37.5	35.4	33.6	32.6	30.9	29.6	29.0
H	14.95	12.06	36.46	14.89	41.9	37.6	35.1	33.9	32.3	30.7	29.7	28.7
H	24.15	20.82	8.96	14.89	42.0	38.2	35.9	35.0	33.9	32.5	31.3	30.4
H	31.88	31.04	36.15	14.90	41.2	37.2	35.0	33.6	32.1	30.3	28.9	28.0
H	38.11	24.76	27.30	14.91	41.6	37.5	35.7	34.1	33.2	31.1	29.7	29.1
H	17.54	38.96	13.54	14.92	42.0	37.8	35.4	33.7	32.7	31.0	29.7	28.8
H	33.53	32.09	9.67	15.00	41.6	37.4	35.1	33.4	32.6	31.0	29.5	28.4
H	10.07	14.90	29.55	15.03	42.3	37.9	36.1	35.2	34.0	32.8	31.7	30.8
H	20.45	39.98	30.51	15.06	41.8	37.5	35.4	33.5	31.9	30.6	29.1	28.4
H	38.13	23.15	32.40	15.07	41.9	37.7	35.1	33.5	32.5	30.7	28.9	28.6
H	17.67	7.88	32.37	15.08	42.1	38.2	36.4	34.6	33.6	32.2	31.3	30.7
H	25.58	12.58	16.31	15.09	42.7	39.3	37.3	36.5	36.4	34.9	34.7	33.4
H	31.41	9.28	33.88	15.15	41.6	37.3	34.9	32.9	31.8	30.2	28.8	27.5
H	20.78	34.43	8.07	15.18	41.9	37.2	35.3	33.7	32.3	31.0	30.2	28.3
H	21.20	9.30	19.42	15.20	42.4	38.0	35.7	34.3	33.0	31.6	30.7	29.8
H	14.75	20.27	14.12	15.22	42.6	39.2	37.0	36.2	35.2	34.8	34.0	33.9
H	14.22	30.60	10.87	15.24	41.8	38.0	36.3	35.1	34.0	32.4	31.3	30.6
H	9.67	26.60	25.97	15.26	41.9	38.1	36.1	34.9	33.9	32.1	31.6	30.0
H	30.62	33.02	7.99	15.27	41.5	37.4	34.9	33.4	32.2	30.8	29.8	28.6
H	25.89	43.27	26.28	15.28	41.8	37.7	35.2	33.4	32.4	30.6	29.9	28.8
H	31.85	28.43	39.31	15.32	41.1	37.1	34.9	33.6	32.3	29.8	28.9	28.1

H	9.23	24.70	24.71	15.37	42.0	37.8	35.9	35.2	34.1	32.4	31.7	30.2
H	13.18	24.93	12.41	15.39	42.5	38.6	36.9	36.5	35.4	34.3	33.2	33.1
H	16.54	37.16	31.31	15.39	41.7	37.8	35.2	33.5	32.1	30.6	29.6	28.4
H	36.15	29.52	32.16	15.42	41.8	37.7	35.2	33.8	33.2	30.2	29.7	28.3
H	24.31	6.76	23.11	15.42	41.9	37.9	35.6	34.0	33.7	32.2	31.2	30.3
H	10.98	12.60	26.55	15.46	41.9	38.3	36.0	34.8	33.5	31.7	30.5	29.7
H	26.56	16.87	43.20	15.52	41.7	37.2	34.6	33.4	32.0	30.1	29.6	27.8
H	18.14	21.54	43.06	15.52	41.8	37.6	35.2	33.6	32.2	30.8	29.8	28.4
H	28.81	24.39	7.03	15.62	41.7	37.8	35.8	34.4	33.4	31.7	30.9	29.9
H	27.87	43.70	25.14	15.63	41.4	37.5	35.1	33.1	32.4	30.6	29.8	28.7
H	39.52	23.11	20.58	15.65	41.9	38.1	35.8	35.3	33.7	32.4	31.0	29.8
H	26.25	28.32	42.26	15.65	41.7	37.4	35.2	33.5	32.3	31.0	29.6	28.3
H	36.60	12.96	31.88	15.65	41.4	37.3	34.8	33.2	31.7	29.8	29.0	27.4
H	28.07	8.28	36.31	15.67	41.5	37.2	35.5	33.5	31.9	30.3	29.0	28.1
H	39.44	34.50	19.40	15.71	41.4	37.6	34.7	33.3	31.9	30.0	29.1	27.7
H	13.94	23.30	40.70	15.71	42.1	37.5	35.2	33.7	31.8	30.8	29.9	28.7
H	30.82	41.77	28.15	15.72	41.2	37.2	35.1	33.6	32.2	30.2	29.4	27.9
H	23.47	32.89	39.05	15.73	41.8	37.6	34.9	33.6	32.2	30.3	28.9	27.5
H	26.79	38.15	34.04	15.74	41.4	37.6	35.1	33.3	32.0	29.9	28.9	27.8
H	14.12	39.69	18.17	15.75	41.5	37.3	35.0	33.4	32.6	31.0	29.6	28.9
H	35.70	20.32	13.69	15.75	41.8	38.4	36.5	34.9	34.0	32.5	32.1	30.8
H	36.19	39.68	23.60	15.78	41.8	37.2	35.0	33.1	32.0	30.0	29.1	27.2
H	18.55	35.83	34.13	15.81	41.9	37.7	35.2	33.3	32.3	30.2	29.3	28.5
H	36.24	25.23	37.32	15.83	41.5	37.5	35.1	33.7	32.1	30.3	28.9	27.7
H	9.34	19.35	35.00	15.83	42.0	37.7	35.5	33.8	32.7	30.9	30.6	29.0
H	24.57	41.05	31.54	15.84	41.6	37.4	35.1	33.6	32.2	29.8	29.0	27.8
H	38.12	18.39	34.79	15.96	41.6	37.6	34.9	33.3	32.1	30.0	28.7	27.9
H	10.26	23.55	17.98	16.00	42.0	38.0	36.0	35.0	34.1	32.1	32.3	30.7
H	10.56	30.91	28.16	16.00	42.2	37.7	35.4	33.4	32.1	30.5	29.6	27.9
H	25.61	7.05	21.26	16.02	42.0	37.9	35.7	34.1	33.5	32.1	31.0	30.1
H	21.38	32.92	6.45	16.04	42.0	37.3	35.2	33.6	32.2	31.4	30.2	28.6
H	32.79	16.61	14.55	16.06	42.4	38.3	36.7	35.3	34.0	33.2	32.5	31.2
H	19.89	41.27	12.79	16.07	41.4	37.6	35.3	33.5	32.2	30.2	29.1	28.8
H	18.63	10.35	39.31	16.07	41.8	38.0	35.0	33.6	32.1	30.9	29.4	28.2
H	27.99	28.69	5.73	16.08	41.7	37.5	35.1	33.9	32.5	30.8	29.5	28.4
H	12.74	29.45	36.99	16.10	41.7	37.5	35.2	33.7	32.6	30.2	29.7	27.9
H	39.58	35.56	21.40	16.11	41.5	37.6	34.9	33.6	32.1	30.3	29.4	27.3
H	12.75	12.63	36.76	16.12	41.6	37.4	35.0	33.8	32.3	30.6	29.5	28.5
H	9.50	17.08	35.10	16.15	41.8	37.7	35.4	33.6	32.7	30.8	30.3	29.2
H	18.43	10.98	17.20	16.15	42.1	38.3	36.2	34.5	34.1	32.3	30.7	30.2
H	34.31	9.00	28.16	16.15	41.9	37.3	35.2	34.0	32.2	31.0	29.7	28.5
H	21.35	28.03	43.01	16.16	41.8	37.3	35.2	33.7	32.5	30.7	28.9	28.1
H	33.66	18.71	41.05	16.16	41.8	37.0	34.7	33.0	31.6	30.0	28.8	28.0
H	22.21	16.27	43.90	16.16	41.8	37.4	34.6	33.3	32.0	30.3	29.7	27.7
H	38.83	20.48	34.32	16.21	41.7	37.3	34.8	33.3	32.4	30.1	28.8	27.6
H	30.12	22.27	43.43	16.23	41.3	37.1	34.8	33.6	31.9	30.2	28.4	27.8
H	21.79	28.20	5.61	16.24	41.9	37.6	35.1	33.8	32.3	30.6	29.4	28.1
H	13.62	13.39	18.44	16.26	42.0	38.0	35.9	34.4	33.5	32.2	30.5	29.7
H	12.73	37.69	15.49	16.30	41.8	37.6	35.2	33.6	32.4	31.1	29.6	29.2
H	32.60	34.14	8.11	16.34	41.6	37.5	34.7	33.2	32.3	30.8	29.6	28.7
H	28.95	24.23	43.77	16.37	41.3	37.3	34.9	33.7	31.9	30.6	28.6	27.9
H	22.56	7.48	19.67	16.37	42.1	37.8	35.8	34.3	33.1	31.9	30.4	29.8
H	35.19	10.85	33.98	16.38	41.5	37.4	34.7	32.8	31.8	29.9	29.2	27.4
H	37.60	34.94	12.99	16.44	41.6	37.2	35.2	33.6	31.9	30.2	29.2	27.7
H	8.95	27.56	32.13	16.45	41.7	37.8	35.3	33.8	32.5	30.7	29.7	28.4
H	21.63	8.39	38.73	16.46	41.7	37.5	35.2	33.5	32.3	30.6	29.7	28.0
H	14.24	40.00	27.29	16.55	41.5	37.6	35.2	33.6	32.2	30.5	28.6	27.6
H	11.46	9.95	28.07	16.61	41.8	38.1	35.7	34.3	33.2	31.5	30.2	29.4
H	26.98	44.02	15.25	16.61	41.6	37.8	34.8	33.7	32.1	30.7	29.5	28.5
H	29.88	42.05	30.22	16.61	41.4	37.0	35.1	33.4	31.9	30.4	29.4	28.0
H	40.43	29.66	27.73	16.68	41.7	37.9	35.5	34.1	32.9	31.5	30.0	29.3
H	12.70	17.26	40.50	16.69	41.4	37.4	34.9	33.3	31.8	29.9	29.0	27.4

H	15.21	35.57	9.78	16.71	41.9	37.4	35.4	33.3	32.3	30.8	29.4	27.8
H	34.86	19.58	11.68	16.72	42.0	38.5	36.0	34.4	34.0	32.4	31.7	30.5
H	25.04	30.24	42.56	16.73	42.0	37.4	35.3	33.5	32.5	30.6	29.3	28.5
H	19.89	15.41	12.82	16.74	41.8	37.7	35.8	34.2	32.8	31.3	30.5	29.4
H	20.21	26.38	44.10	16.75	41.7	37.2	35.0	33.8	32.6	30.5	29.1	28.2
H	32.24	30.70	39.38	16.76	41.4	37.2	34.7	33.4	32.3	29.7	28.9	28.5
H	19.46	11.15	41.31	16.76	41.6	37.7	35.2	33.8	32.3	30.7	29.5	28.1
H	40.46	34.25	24.80	16.76	41.7	37.4	34.7	33.0	32.2	29.7	28.7	27.5
H	35.73	41.61	22.47	16.78	41.6	37.0	34.7	33.5	32.0	30.0	29.2	27.6
H	16.01	26.66	7.49	16.78	41.8	38.0	35.9	34.7	34.0	32.4	30.7	30.3
H	8.84	27.14	17.15	16.78	42.0	38.2	36.0	34.8	34.1	32.0	31.5	30.0
H	24.30	17.73	8.89	16.80	42.3	38.0	35.7	34.6	33.5	32.1	30.6	29.7
H	22.77	6.44	36.62	16.82	41.5	37.6	35.4	33.9	32.6	31.3	29.9	28.5
H	20.15	40.64	10.61	16.83	41.6	37.9	35.5	33.6	32.2	30.2	29.3	28.4
H	31.57	7.26	23.31	16.83	41.8	38.0	35.8	34.0	32.6	31.4	30.4	29.1
H	37.94	26.71	11.00	16.83	41.2	37.4	34.8	33.4	31.5	29.8	28.6	27.3
H	13.81	8.52	33.65	16.83	41.8	37.6	35.2	33.6	32.6	30.4	29.0	28.3
H	22.75	34.93	38.25	16.85	41.7	37.6	34.7	33.8	32.3	30.5	29.3	27.6
H	18.49	5.60	24.61	16.89	41.8	37.9	35.6	34.1	33.9	31.7	30.6	29.4
H	16.79	28.82	41.96	16.90	42.1	36.8	35.3	33.2	33.0	30.2	28.9	28.3
H	19.51	42.06	30.46	16.91	41.7	37.3	35.4	33.1	31.9	30.9	28.9	28.4
H	11.07	38.08	18.96	16.92	41.5	37.7	35.4	33.5	32.5	30.7	29.4	28.1
H	10.71	24.64	38.90	16.95	41.9	37.7	34.8	33.3	32.3	30.5	29.8	28.1
H	10.74	31.50	32.29	16.97	41.6	37.6	35.2	33.4	32.1	30.2	29.2	28.2
H	7.15	20.65	24.72	16.98	41.6	37.8	35.6	34.5	33.2	31.6	30.3	29.8
H	16.47	6.08	25.59	16.99	41.7	38.2	35.5	34.1	33.7	31.8	30.6	29.2
H	13.29	34.84	10.72	17.02	41.8	37.2	35.5	33.4	32.6	30.7	29.2	28.1
H	29.82	10.66	16.65	17.03	42.3	38.5	35.6	35.0	33.8	32.0	31.1	30.0
H	39.15	17.43	22.39	17.06	41.5	38.0	35.4	34.0	32.4	30.8	29.9	28.9
H	10.06	36.18	25.33	17.07	41.5	37.8	35.7	33.8	33.0	31.0	29.8	29.1
H	34.81	20.64	41.52	17.08	41.6	36.8	34.5	32.9	31.6	30.2	29.1	27.8
H	20.52	44.21	15.56	17.13	41.9	37.5	35.1	33.4	32.4	30.3	29.6	28.8
H	36.99	14.57	37.13	17.14	41.3	37.0	34.5	32.9	31.2	29.1	28.0	26.8
H	18.91	14.55	43.65	17.15	41.8	37.3	34.7	33.6	32.0	30.1	29.4	27.6
H	14.36	18.25	13.01	17.19	42.4	38.9	37.1	36.2	35.2	34.5	33.5	33.8
H	40.22	35.39	17.02	17.23	41.5	37.5	35.0	33.7	31.7	30.2	29.6	27.3
H	13.40	38.82	13.62	17.24	41.9	37.6	35.4	33.8	32.4	31.0	29.7	29.0
H	41.34	26.78	16.48	17.25	41.9	37.7	35.3	34.3	32.7	31.1	29.5	28.4
H	7.61	24.44	33.97	17.27	41.8	37.6	34.8	33.4	32.3	30.5	29.6	28.1
H	29.79	18.24	8.70	17.28	41.9	37.8	35.6	33.9	32.8	31.2	29.8	28.9
H	14.35	41.60	16.85	17.29	41.6	37.4	35.0	33.3	32.4	30.8	29.6	28.7
H	11.26	33.39	12.00	17.31	42.2	37.5	35.6	33.6	32.6	30.8	29.7	28.6
H	27.36	8.82	16.99	17.32	42.0	38.3	35.9	34.6	33.8	32.0	30.9	30.0
H	37.00	36.95	12.10	17.34	41.5	37.2	35.0	33.9	31.8	30.0	29.0	27.7
H	8.89	22.59	19.55	17.34	41.8	38.0	35.9	35.1	33.9	32.4	32.3	30.9
H	35.68	40.61	28.36	17.37	41.7	37.0	34.7	33.1	31.6	29.7	28.9	27.0
H	32.05	7.16	34.52	17.37	41.3	37.4	34.9	33.0	32.0	30.1	29.1	27.5
H	12.44	8.12	30.81	17.38	41.9	37.4	35.1	33.5	33.1	30.8	29.3	28.5
H	33.80	42.78	16.24	17.38	41.2	37.7	34.7	33.2	31.5	30.0	29.3	27.6
H	22.57	3.88	26.89	17.41	41.7	37.7	35.1	34.1	32.5	31.2	30.1	28.7
H	40.69	35.92	19.20	17.43	41.4	37.6	34.8	33.5	32.0	30.1	29.1	27.7
H	17.26	4.97	28.71	17.43	42.1	38.0	35.6	34.3	33.3	31.4	30.7	29.4
H	15.35	41.96	27.66	17.43	41.7	37.7	35.1	33.7	32.6	30.4	28.5	28.1
H	19.64	28.49	4.88	17.48	41.7	37.4	35.3	33.6	32.1	30.6	29.2	28.1
H	16.12	38.16	33.33	17.48	41.7	37.5	35.2	33.4	32.2	30.5	29.6	28.0
H	34.50	26.40	7.03	17.51	41.0	37.6	35.3	33.5	32.4	30.4	29.0	27.5
H	39.41	19.02	19.86	17.51	41.8	37.9	35.2	34.1	32.5	31.0	30.1	28.8
H	37.94	30.42	33.19	17.52	41.8	37.6	35.5	34.0	32.9	30.1	29.5	28.4
H	19.19	37.80	35.44	17.57	41.9	37.8	35.1	33.4	32.5	30.2	29.2	28.2
H	16.15	20.11	44.40	17.57	41.9	37.6	35.1	33.6	32.2	30.7	29.8	28.6
H	42.07	25.98	18.62	17.58	41.8	37.9	35.4	34.3	33.0	31.1	29.9	28.8
H	17.90	17.43	10.06	17.61	41.7	37.8	35.7	34.4	32.7	31.4	30.7	29.2

H	11.09	17.14	16.93	17.62	42.2	37.9	35.4	34.3	33.4	32.0	30.3	29.6
H	21.96	44.33	13.79	17.63	41.8	37.5	35.1	33.3	32.3	30.3	29.2	28.6
H	30.75	43.30	13.38	17.63	41.7	37.8	34.7	33.3	32.0	30.2	29.3	28.0
H	25.10	40.82	8.62	17.65	41.5	37.2	34.9	33.3	31.7	29.8	28.8	27.5
H	28.64	43.52	12.51	17.67	41.5	37.8	34.9	33.6	31.7	30.3	29.5	27.7
H	32.00	7.50	21.07	17.67	41.8	37.8	35.7	33.8	32.7	31.7	30.2	29.1
H	37.26	39.10	28.99	17.70	41.8	36.8	34.6	33.1	31.5	29.6	28.7	27.0
H	12.30	34.10	32.70	17.71	41.9	37.5	35.3	33.2	31.9	30.2	29.3	27.7
H	6.06	20.69	26.75	17.73	41.7	37.9	35.7	34.3	33.1	31.6	30.3	29.7
H	37.20	40.57	16.42	17.75	41.6	37.4	34.7	33.1	31.8	29.8	28.7	27.5
H	7.37	16.76	23.17	17.75	42.0	37.8	35.6	34.3	32.7	31.6	30.2	29.1
H	25.03	22.76	4.82	17.76	41.4	37.5	35.2	33.8	32.8	30.7	29.7	28.9
H	15.70	7.50	20.48	17.78	41.8	38.2	35.5	34.0	32.6	31.2	29.7	29.1
H	12.31	38.22	29.71	17.78	41.5	37.5	34.9	33.2	31.7	29.8	28.8	27.1
H	33.23	12.38	16.39	17.79	42.1	38.1	35.7	34.6	33.5	31.5	30.5	29.7
H	29.83	44.16	29.09	17.82	41.4	37.2	35.3	33.2	32.1	30.3	29.5	27.7
H	39.59	37.80	26.37	17.86	41.8	37.2	34.8	33.2	31.9	29.9	28.3	27.5
H	29.24	6.43	36.98	17.86	41.7	37.4	35.6	33.6	32.2	30.0	29.0	28.1
H	9.19	31.89	13.69	17.88	41.8	37.5	35.8	34.1	32.7	31.3	30.0	29.0
H	8.17	14.69	22.49	17.89	41.9	37.8	35.7	34.4	32.6	31.2	30.2	29.0
H	39.94	25.73	34.51	17.90	41.5	37.3	35.1	33.0	32.1	29.9	28.9	27.8
H	35.10	12.64	17.72	17.91	42.3	38.0	35.7	34.6	33.4	31.3	30.5	29.6
H	19.95	22.39	5.57	17.91	41.7	37.7	35.2	34.0	32.4	31.1	29.7	28.7
H	11.38	24.68	41.11	17.92	42.0	37.7	35.0	33.4	32.0	30.7	29.6	28.2
H	13.41	16.12	42.35	17.92	41.3	37.4	34.9	33.3	31.5	29.7	28.8	27.6
H	37.31	33.21	9.26	17.96	41.4	37.6	34.5	33.4	32.0	30.0	28.7	27.6
H	42.75	30.45	23.79	18.00	41.7	37.6	35.1	33.5	31.8	30.0	28.7	28.0
H	40.86	15.75	28.92	18.01	41.7	37.5	35.1	33.6	31.9	30.6	29.9	27.7
H	7.27	29.62	18.22	18.02	41.8	37.9	35.7	34.4	33.2	31.4	30.6	29.0
H	36.29	13.93	39.22	18.03	41.6	36.8	34.7	33.0	31.1	29.0	27.9	27.1
H	36.10	9.56	22.51	18.04	41.7	37.6	35.4	33.7	31.9	31.2	29.6	28.3
H	38.21	23.05	39.14	18.06	41.7	37.2	34.9	33.1	31.9	29.8	28.3	27.3
H	39.08	27.67	35.46	18.07	41.7	37.2	35.4	33.1	31.9	30.2	28.9	27.8
H	30.40	19.59	6.92	18.09	41.7	37.8	35.6	34.0	32.7	31.2	29.6	29.0
H	17.33	18.89	8.40	18.12	41.9	37.7	35.6	34.3	33.0	31.5	30.4	29.3
H	7.24	32.47	22.22	18.12	41.8	37.5	35.5	33.5	32.5	30.5	29.7	28.5
H	35.18	7.39	31.14	18.13	41.5	37.3	35.1	33.5	31.3	29.1	28.7	27.4
H	17.77	23.03	5.91	18.13	41.5	37.8	35.4	33.8	32.6	31.1	29.9	28.8
H	15.96	34.12	38.64	18.13	41.7	37.0	34.1	32.8	31.2	29.7	28.5	27.0
H	16.72	14.22	13.29	18.17	41.7	37.7	35.6	34.3	32.8	31.1	30.7	28.9
H	8.74	32.00	29.04	18.17	42.0	37.7	35.3	33.3	32.3	30.2	29.7	27.6
H	39.50	23.08	37.33	18.18	41.5	37.2	34.8	33.3	31.5	29.8	28.3	27.4
H	30.64	15.45	10.53	18.18	41.9	37.9	35.3	33.9	32.5	31.1	29.9	29.0
H	41.42	17.23	27.29	18.21	41.7	37.4	34.9	33.1	32.2	30.3	29.6	28.1
H	10.17	21.32	13.95	18.21	42.4	38.3	35.8	34.5	33.5	31.9	31.7	30.3
H	39.63	18.88	17.17	18.22	41.7	38.1	35.4	33.7	32.3	30.9	30.4	28.4
H	10.87	8.89	24.44	18.23	41.7	38.2	35.5	34.1	33.3	31.2	30.0	29.4
H	8.38	27.42	14.07	18.24	42.0	37.9	35.9	34.5	33.6	31.4	31.0	29.6
H	28.41	29.49	3.63	18.24	41.8	37.3	35.1	33.8	32.8	30.6	29.4	28.0
H	11.90	30.93	38.49	18.24	41.7	37.7	35.0	33.5	32.8	30.4	29.7	28.2
H	31.53	35.77	37.06	18.26	41.7	37.5	34.7	32.7	31.9	30.4	28.0	26.8
H	40.81	18.88	34.52	18.27	41.6	37.7	34.6	33.6	32.3	30.1	28.7	27.6
H	29.82	10.82	42.32	18.27	41.6	37.1	35.1	33.1	31.2	29.6	29.0	27.5
H	36.56	34.42	34.48	18.28	41.9	37.2	34.6	33.2	31.9	29.8	28.4	27.1
H	11.24	40.43	24.68	18.28	41.8	37.7	35.3	33.1	32.1	29.9	29.0	27.9
H	33.05	25.52	5.43	18.30	41.1	37.5	35.2	33.4	32.5	30.1	29.1	27.9
H	15.80	37.29	8.12	18.34	41.8	37.0	35.0	33.0	32.3	30.8	29.4	27.8
H	26.28	35.08	40.24	18.35	42.1	37.5	34.9	33.2	31.7	30.0	29.2	27.4
H	13.08	10.37	18.15	18.38	41.9	37.9	35.6	33.9	33.5	31.4	30.3	29.1
H	26.15	42.65	9.53	18.38	41.6	37.3	35.0	33.2	31.7	30.1	28.8	27.6
H	39.51	11.85	27.69	18.39	41.7	37.3	34.7	33.4	31.9	29.7	28.9	27.5
H	33.98	7.96	20.93	18.41	41.9	37.6	35.7	33.8	32.5	31.6	30.3	29.2

H	30.30	30.65	42.90	18.41	41.5	37.1	34.9	33.5	32.2	30.4	29.0	27.8
H	38.58	24.91	9.73	18.42	41.1	37.2	34.9	33.4	31.6	29.8	28.7	27.0
H	36.87	10.23	35.39	18.44	41.9	37.1	35.0	33.2	31.8	29.7	28.9	27.1
H	38.66	13.15	21.38	18.44	41.6	37.4	35.1	33.6	31.9	30.3	28.9	28.2
H	37.33	40.31	14.15	18.44	41.7	37.1	34.8	33.1	31.4	30.0	29.0	27.4
H	42.30	33.28	17.08	18.46	41.5	37.4	34.8	33.5	32.1	30.0	28.7	27.3
H	7.80	25.66	36.81	18.46	41.8	37.4	34.8	33.3	31.9	30.3	29.2	28.0
H	40.16	28.08	11.05	18.47	41.4	37.5	34.6	33.6	31.5	29.6	28.7	27.0
H	30.92	40.15	8.23	18.48	41.3	37.0	34.6	33.1	31.7	29.5	28.5	27.2
H	5.86	16.43	29.99	18.50	41.9	37.5	35.5	33.8	32.5	30.7	29.3	28.3
H	34.47	44.21	25.24	18.50	41.6	37.4	34.8	33.1	31.6	29.7	28.6	27.8
H	22.90	7.93	41.47	18.51	41.8	37.1	34.9	33.5	32.0	29.9	28.9	27.6
H	38.63	31.31	9.29	18.52	41.2	37.6	34.3	33.6	32.0	29.9	28.6	27.2
H	42.15	22.09	30.09	18.54	41.4	37.2	35.0	33.5	32.0	30.2	29.0	27.9
H	15.98	8.95	16.93	18.56	41.9	38.0	35.6	33.9	33.0	31.7	30.0	29.0
H	39.64	13.10	23.43	18.60	41.7	37.4	35.0	33.5	31.9	30.4	29.0	28.6
H	24.03	30.16	2.99	18.61	41.8	37.3	35.3	33.4	32.0	30.2	29.3	27.9
H	31.34	33.64	4.72	18.62	41.6	37.4	35.1	33.7	31.9	30.4	28.9	27.7
H	19.09	13.31	12.32	18.63	41.5	37.9	35.8	34.1	32.6	31.2	30.2	29.1
H	41.79	21.18	33.01	18.64	41.7	37.7	34.8	33.4	32.3	30.2	28.5	27.8
H	24.02	34.50	3.79	18.66	41.7	37.2	34.7	33.3	31.6	29.9	28.9	27.5
H	31.35	4.53	32.18	18.67	41.4	37.2	35.1	33.0	31.9	30.0	29.3	27.5
H	39.91	12.54	31.92	18.68	41.8	37.2	34.6	33.0	31.3	29.6	27.9	27.0
H	36.38	24.94	41.74	18.68	41.3	37.4	34.5	33.0	31.5	29.8	28.3	26.9
H	10.43	40.23	18.91	18.69	41.4	37.5	35.3	33.4	32.7	30.4	29.2	28.2
H	22.23	2.79	31.78	18.72	41.6	37.6	34.7	33.6	32.5	30.9	29.8	28.2
H	12.25	7.96	21.86	18.72	42.0	38.0	35.6	34.0	33.3	31.3	30.0	29.2
H	32.88	15.89	10.48	18.73	42.0	38.0	35.3	33.9	32.8	31.1	30.2	29.2
H	21.27	4.43	20.52	18.74	41.8	38.1	35.6	34.1	32.1	31.4	29.8	28.8
H	41.79	35.95	25.66	18.75	41.6	37.4	35.0	33.1	32.0	30.0	28.7	27.4
H	5.99	14.97	28.23	18.76	41.9	37.5	35.6	33.6	32.1	30.8	29.1	28.1
H	38.37	37.63	31.25	18.78	41.7	37.1	34.4	33.1	31.1	29.4	28.5	26.8
H	33.78	40.69	33.10	18.81	41.5	37.0	34.5	32.8	31.6	30.0	28.4	27.1
H	25.28	14.39	9.37	18.84	42.0	37.6	35.4	33.8	32.6	31.2	30.2	28.6
H	7.73	11.75	31.93	18.84	41.6	37.8	34.9	33.0	32.5	30.1	28.6	27.4
H	35.90	29.59	40.19	18.84	41.5	37.0	34.8	33.3	31.0	29.4	28.1	27.4
H	8.28	12.21	34.76	18.87	41.8	37.9	35.0	33.2	32.4	29.7	28.5	27.3
H	12.30	7.62	35.14	18.88	41.8	37.4	34.9	33.3	32.5	30.4	28.7	28.1
H	31.06	3.80	29.20	18.89	41.5	37.4	35.0	33.1	32.2	30.0	29.4	27.9
H	42.20	20.82	24.61	18.93	41.6	37.3	35.5	33.5	32.4	30.3	29.8	28.1
H	24.69	26.30	2.75	18.94	41.6	37.2	34.9	33.8	32.3	30.5	29.5	28.1
H	28.63	13.94	10.32	18.95	42.1	38.1	35.2	33.7	32.7	31.2	29.8	29.4
H	12.37	10.37	39.27	18.96	41.7	37.3	34.8	33.1	31.5	30.1	28.0	27.5
H	43.62	25.20	21.17	18.99	41.9	37.6	35.2	34.0	32.9	30.9	29.5	28.7
H	35.50	44.60	20.79	19.02	41.5	37.5	34.5	32.8	31.7	29.3	29.0	27.6
H	25.94	4.45	37.35	19.02	41.5	37.3	35.1	33.4	32.0	30.7	28.8	27.7
H	6.05	27.62	25.54	19.03	41.5	37.9	35.0	33.5	32.8	30.9	29.2	28.2
H	9.81	11.43	19.94	19.03	42.1	38.0	35.4	33.9	33.2	31.0	30.0	29.0
H	12.36	5.91	30.20	19.08	41.6	37.2	35.3	33.7	32.7	30.6	29.2	28.0
H	15.25	29.28	43.64	19.08	42.2	37.0	35.1	33.3	32.8	30.1	28.9	28.3
H	6.87	29.71	31.46	19.09	41.9	37.3	35.3	33.5	32.1	30.2	29.4	28.1
H	4.93	19.75	31.82	19.09	41.9	37.4	35.1	33.6	32.1	30.3	29.6	27.9
H	42.76	28.72	14.59	19.10	41.5	37.4	35.2	33.9	32.4	30.8	29.5	27.8
H	16.64	5.45	20.29	19.11	41.7	37.8	35.3	34.2	32.7	31.1	29.7	28.8
H	17.36	35.91	38.97	19.12	42.0	36.9	34.5	33.2	31.7	29.8	28.4	27.0
H	40.33	40.16	22.37	19.14	41.5	37.1	34.9	33.2	31.5	29.3	28.2	27.0
H	23.49	2.03	27.91	19.16	41.9	37.8	35.2	34.0	32.4	31.2	29.8	28.8
H	29.06	41.39	7.70	19.16	41.4	37.1	34.7	33.2	31.8	29.9	28.5	27.2
H	24.24	5.45	17.58	19.19	41.7	37.9	35.4	34.0	32.3	31.5	30.1	29.3
H	33.10	21.67	5.63	19.22	41.3	37.4	35.0	33.5	31.7	30.3	29.3	27.9
H	35.39	28.97	5.37	19.23	41.3	37.2	34.9	33.4	32.3	30.2	29.0	27.5
H	39.12	16.86	16.20	19.25	41.9	38.0	35.3	33.8	32.6	31.0	30.2	28.3

H	18.99	5.26	18.62	19.35	41.7	38.1	35.6	34.0	32.5	31.2	29.9	28.9
H	35.42	12.66	41.40	19.36	41.4	37.3	34.5	32.7	31.2	29.0	27.8	26.9
H	35.57	39.03	8.96	19.37	41.6	37.0	34.7	33.3	31.2	29.7	28.6	27.0
H	7.25	28.94	35.30	19.39	41.5	37.6	34.9	33.1	31.8	29.8	28.5	27.5
H	17.73	39.50	35.99	19.40	42.1	37.9	35.1	33.3	32.4	30.1	28.8	27.7
H	24.35	2.02	31.64	19.41	41.6	37.3	34.6	33.5	32.4	31.3	29.7	28.2
H	29.15	8.65	42.38	19.43	41.6	37.0	35.2	33.0	31.3	29.6	28.8	27.5
H	10.14	38.72	29.26	19.45	41.7	37.3	34.7	33.3	32.0	29.9	28.9	27.3
H	17.70	32.38	3.84	19.46	41.7	37.2	34.9	33.3	32.0	30.2	28.8	28.0
H	30.13	36.50	38.69	19.46	41.4	37.4	34.4	32.9	31.8	30.6	28.1	26.7
H	42.50	18.80	33.00	19.47	41.8	37.4	34.6	33.4	32.1	30.0	28.6	27.5
H	42.36	34.64	15.01	19.48	41.5	37.4	34.8	33.5	32.1	29.9	29.0	27.2
H	22.66	3.00	21.63	19.48	41.7	38.1	35.5	34.0	32.0	31.3	29.7	28.8
H	10.22	14.29	16.28	19.49	42.2	37.9	35.4	34.0	33.0	31.6	30.3	29.3
H	14.01	20.87	7.48	19.49	42.1	37.4	35.3	33.6	33.1	30.5	29.7	28.5
H	39.42	9.84	26.52	19.50	41.5	37.3	34.6	33.3	31.9	29.9	28.8	27.7
H	14.91	32.35	5.17	19.52	41.7	37.4	34.8	33.7	31.7	30.3	28.8	28.0
H	43.50	34.73	23.07	19.53	41.9	37.5	34.9	33.2	31.5	29.6	28.7	27.4
H	39.87	10.47	30.91	19.54	41.7	37.2	34.4	32.9	31.0	29.1	28.0	27.0
H	6.82	36.09	20.38	19.60	41.5	37.3	35.0	33.3	32.4	30.0	29.1	27.9
H	26.94	41.98	35.90	19.62	41.6	37.2	34.4	33.2	32.0	29.8	28.9	27.4
H	34.47	5.04	25.50	19.64	41.5	37.5	34.8	33.0	31.7	29.9	29.1	27.6
H	12.56	31.63	6.56	19.65	41.9	37.3	34.9	33.4	32.0	30.5	28.9	28.3
H	35.75	35.08	6.34	19.66	41.5	37.1	34.8	33.1	31.7	30.2	29.0	27.3
H	6.03	33.46	24.02	19.66	42.0	37.5	35.4	33.5	32.2	30.1	29.7	28.3
H	6.02	30.39	16.46	19.68	41.5	37.8	35.7	34.3	33.2	31.2	30.2	29.0
H	43.84	31.20	26.57	19.68	41.8	37.6	35.1	33.6	32.0	30.2	28.7	27.6
H	34.65	10.53	41.00	19.70	41.7	37.1	34.6	32.8	31.2	28.9	27.7	26.8
H	42.57	33.97	28.74	19.72	41.6	37.4	34.7	33.2	31.6	29.7	28.3	27.3
H	15.97	6.11	38.71	19.73	41.5	37.3	34.5	33.0	31.8	30.0	28.1	27.1
H	38.78	15.98	40.22	19.76	41.6	36.9	34.3	32.7	31.3	29.5	28.0	26.9
H	34.73	41.71	10.21	19.76	41.3	37.0	34.8	32.9	31.7	29.3	28.2	26.7
H	20.92	42.82	8.21	19.77	41.5	37.4	34.8	33.4	31.7	30.1	28.3	27.5
H	24.38	43.46	34.81	19.82	41.7	37.2	34.4	33.3	31.7	29.8	28.6	27.8
H	14.15	12.62	43.72	19.84	41.6	37.5	34.6	33.1	31.2	29.5	28.4	27.3
H	7.91	21.78	14.18	19.85	42.4	38.3	35.7	34.5	33.4	32.3	31.3	30.1
H	17.68	28.46	3.04	19.88	41.8	37.2	35.2	33.6	32.0	30.5	29.4	28.2
H	41.77	29.68	10.94	19.88	41.5	37.6	34.8	33.4	31.4	29.9	28.4	27.1
H	37.13	33.55	36.53	19.90	41.6	36.7	34.5	33.0	31.6	29.3	28.5	27.2
H	10.70	10.18	18.24	19.91	41.9	38.0	35.2	33.6	33.4	31.1	30.1	28.7
H	35.39	13.80	13.52	19.92	42.2	37.8	35.6	33.9	32.7	30.9	30.1	28.7
H	14.15	34.73	39.62	19.93	41.8	37.1	34.4	33.0	31.4	29.7	28.6	27.0
H	22.79	21.41	3.14	19.93	41.7	37.4	35.4	33.9	32.5	30.9	29.4	28.8
H	28.46	33.44	43.53	19.93	41.6	37.1	34.6	33.3	31.8	30.2	29.2	27.5
H	22.10	17.70	5.18	19.95	41.8	37.4	34.8	33.5	32.5	30.5	29.8	28.1
H	40.83	39.62	26.95	19.97	41.6	36.9	34.9	33.1	31.6	29.8	28.2	27.6
H	19.38	10.50	12.23	19.98	41.5	37.4	35.3	34.2	32.8	30.9	30.0	29.2
H	35.21	21.04	6.20	20.00	41.5	37.4	34.9	33.6	31.9	30.4	29.4	27.7
H	19.88	2.08	33.12	20.00	41.9	37.5	35.0	33.3	31.9	30.6	29.6	28.1
H	14.17	9.31	15.56	20.01	41.8	38.0	35.3	34.0	33.2	31.4	29.9	29.0
H	24.80	6.54	14.96	20.01	41.8	37.9	35.2	33.9	32.7	31.3	29.9	29.0
H	4.38	17.64	32.46	20.02	41.8	37.4	35.0	33.7	32.3	30.2	29.4	28.1
H	36.02	40.43	33.48	20.03	41.8	37.3	34.6	32.9	31.3	29.5	28.3	26.9
H	23.93	42.01	36.54	20.05	41.6	37.3	34.5	33.1	31.9	29.7	28.6	27.7
H	30.81	13.45	9.98	20.06	42.1	38.1	35.5	34.0	32.4	31.1	30.0	29.0
H	37.57	30.91	39.31	20.07	41.7	37.1	34.7	33.0	31.2	29.4	28.2	27.1
H	28.30	38.65	4.36	20.08	41.8	36.9	34.4	33.1	31.5	30.0	28.6	26.9
H	43.59	18.87	29.99	20.08	41.4	37.4	34.7	33.1	32.1	30.0	28.8	27.6
H	23.37	39.19	4.43	20.08	41.9	37.2	34.8	33.3	31.8	29.8	28.4	27.4
H	10.89	42.57	25.46	20.10	41.6	37.6	35.1	33.2	31.9	30.0	29.3	27.7
H	21.85	5.89	41.55	20.14	41.7	37.0	34.7	33.4	32.0	29.7	29.2	27.7
H	16.44	14.02	10.80	20.14	41.4	37.9	35.6	34.4	32.9	31.1	30.3	29.2

H	5.41	13.10	26.09	20.14	41.8	37.5	35.4	33.5	32.4	30.7	28.9	28.4
H	14.96	36.92	6.05	20.15	41.6	37.1	35.1	33.0	32.0	30.5	29.4	28.2
H	29.75	1.99	27.22	20.16	41.6	37.2	35.1	33.1	31.8	30.5	29.5	28.0
H	21.83	26.58	1.71	20.19	41.9	37.5	35.0	33.7	32.2	30.6	29.0	28.1
H	29.89	26.25	2.09	20.21	41.4	37.5	35.6	33.5	32.0	30.5	29.0	27.9
H	43.02	25.67	32.38	20.21	41.6	37.4	35.0	33.4	31.8	30.2	28.7	27.3
H	22.28	30.39	1.55	20.22	41.7	37.3	35.1	33.3	32.0	30.7	29.4	28.1
H	21.09	39.03	4.52	20.23	41.8	37.1	35.2	33.6	31.8	29.9	28.4	27.6
H	25.20	6.56	42.47	20.23	41.7	36.9	35.0	33.6	31.7	29.9	28.6	27.5
H	4.26	26.49	26.39	20.26	41.8	37.9	35.1	33.6	33.0	30.9	29.4	28.4
H	13.65	6.26	37.95	20.27	41.6	37.0	34.6	33.1	31.7	30.0	27.9	27.1
H	12.41	40.35	32.49	20.29	42.0	37.4	35.3	32.9	31.9	29.6	28.1	27.2
H	25.37	36.18	2.59	20.33	41.9	37.2	34.6	33.3	31.7	29.7	28.9	27.4
H	5.55	22.77	37.65	20.35	41.2	37.4	34.6	33.1	31.5	29.5	28.6	27.0
H	14.18	41.71	32.98	20.36	41.9	37.4	35.6	32.6	32.0	29.6	28.3	27.0
H	9.09	34.71	32.86	20.36	41.7	37.6	35.4	33.0	31.6	30.0	28.8	27.6
H	37.07	6.37	24.47	20.37	41.3	37.4	35.0	33.4	31.6	29.7	28.8	27.8
H	44.02	22.04	24.06	20.37	41.6	37.1	35.2	33.3	32.4	30.4	29.8	27.8
H	19.88	44.45	33.50	20.37	42.0	37.5	34.6	33.6	32.0	30.5	29.4	28.0
H	15.07	2.69	29.10	20.40	41.7	37.5	35.1	33.8	32.4	30.6	29.9	28.4
H	36.68	5.72	31.56	20.40	41.2	37.3	34.9	33.1	31.7	29.1	28.4	27.5
H	8.47	17.02	41.51	20.40	41.5	37.6	34.4	33.1	31.6	28.7	27.9	26.7
H	36.91	24.24	43.84	20.43	41.4	37.3	34.5	33.1	31.5	29.6	28.3	27.0
H	11.31	10.96	41.23	20.44	41.5	37.4	34.7	33.1	31.5	29.7	28.0	27.7
H	6.33	13.02	35.65	20.45	41.6	37.6	34.9	33.2	32.2	29.9	28.5	27.5
H	26.78	37.27	40.87	20.49	41.8	37.3	34.9	32.9	31.8	29.9	29.2	27.3
H	19.32	41.94	6.84	20.52	41.4	37.5	34.7	33.5	32.0	30.0	28.4	27.4
H	29.92	41.74	36.68	20.55	41.6	37.3	34.6	33.2	31.9	29.7	28.6	27.2
H	32.99	33.63	3.18	20.61	41.4	37.4	35.0	33.7	32.1	30.2	28.5	27.8
H	42.80	14.59	24.53	20.61	41.9	37.5	34.8	33.2	31.9	30.1	29.1	28.1
H	25.12	12.12	9.26	20.68	41.9	37.7	35.3	33.8	32.5	31.0	30.1	28.5
H	29.86	2.09	33.65	20.70	41.4	37.0	34.9	33.3	32.1	30.3	29.1	27.3
H	4.08	23.81	22.45	20.70	41.9	37.7	35.2	33.5	32.4	31.1	29.7	28.6
H	42.39	35.23	30.69	20.72	41.5	37.5	34.3	33.5	32.0	29.5	28.4	27.2
H	39.35	37.94	33.30	20.72	41.8	37.1	34.7	33.0	31.0	29.4	28.3	27.1
H	8.88	30.12	39.97	20.73	41.9	37.1	34.6	33.1	31.8	30.0	29.0	27.4
H	37.16	33.47	5.42	20.74	41.5	37.3	34.6	33.3	31.4	29.9	29.1	27.7
H	42.16	32.00	32.67	20.75	41.8	37.4	34.9	33.1	31.7	29.8	27.9	27.1
H	26.71	2.36	36.86	20.78	41.3	37.3	35.0	33.2	32.1	30.5	28.7	27.7
H	33.68	38.62	37.63	20.79	41.6	37.1	33.8	33.1	31.3	29.7	27.9	26.7
H	12.58	19.11	7.90	20.79	41.8	37.4	35.4	33.7	33.0	30.8	29.9	28.3
H	26.11	3.15	18.47	20.80	41.7	38.0	35.4	33.7	32.5	31.2	29.6	29.2
H	3.61	21.66	23.07	20.83	41.9	37.7	35.0	33.3	32.4	30.8	29.7	28.1
H	8.45	30.95	8.99	20.85	41.8	36.7	34.9	33.2	31.8	30.2	29.1	28.1
H	5.53	17.59	18.88	20.89	41.5	37.3	35.1	33.6	31.9	30.5	29.3	27.8
H	24.80	15.81	5.13	20.90	41.5	37.6	34.8	34.1	32.3	30.9	29.6	28.1
H	8.97	8.02	35.61	20.96	41.6	37.6	34.9	33.0	31.9	29.6	28.4	27.3
H	29.61	31.32	1.20	21.01	41.4	37.2	34.8	33.5	32.0	30.1	29.0	28.0
H	8.13	39.89	27.41	21.02	41.7	37.1	34.6	32.7	31.6	29.7	28.7	27.6
H	42.14	40.92	21.13	21.04	41.3	37.4	34.8	33.3	31.4	29.1	28.3	27.1
H	38.83	28.25	41.35	21.04	41.4	36.8	34.6	33.1	31.1	29.2	28.4	26.7
H	4.58	24.96	18.01	21.04	41.9	37.6	35.5	33.7	32.6	30.7	29.6	28.8
H	3.98	28.35	23.25	21.06	41.5	37.7	35.1	33.5	32.7	30.7	29.3	28.0
H	20.90	1.81	20.75	21.07	41.8	38.0	35.4	34.0	32.3	31.4	29.7	28.6
H	26.47	7.64	12.65	21.08	42.0	37.8	35.2	33.9	32.3	31.0	29.6	28.6
H	4.84	25.83	15.92	21.10	41.9	37.5	35.2	34.1	32.6	30.6	29.6	28.7
H	34.20	28.68	2.54	21.12	41.1	37.0	35.1	33.6	32.0	30.5	29.0	27.6
H	5.51	10.91	25.37	21.12	41.8	37.5	35.3	33.5	32.0	30.8	28.8	28.1
H	7.48	35.37	31.40	21.13	41.9	37.7	35.2	33.1	31.5	30.3	28.5	27.4
H	13.94	7.97	41.88	21.14	41.6	37.0	34.7	32.9	31.4	29.7	28.2	27.3
H	27.42	37.62	2.48	21.14	41.5	37.0	34.6	33.4	31.6	29.7	28.7	27.5
H	18.55	16.02	5.89	21.17	41.8	37.4	35.0	33.9	32.4	30.2	29.6	28.1

H	4.75	35.07	20.98	21.18	41.5	37.5	35.1	33.5	32.5	30.2	29.0	28.0
H	40.29	17.43	41.19	21.19	41.4	36.9	34.1	32.4	30.8	29.4	27.8	26.5
H	28.69	0.84	32.14	21.24	41.6	37.1	34.8	33.1	32.2	30.5	29.4	27.7
H	41.68	10.75	32.89	21.24	41.6	36.9	34.3	32.7	30.9	29.0	28.1	26.8
H	9.83	29.95	42.09	21.26	41.7	37.3	34.8	33.2	32.0	30.1	28.8	27.2
H	39.54	43.86	17.89	21.28	41.4	37.5	34.4	32.9	31.3	29.4	29.0	27.5
H	41.05	25.80	40.01	21.30	41.5	37.6	34.3	32.6	31.6	29.8	28.9	27.2
H	8.42	20.04	43.37	21.30	41.6	37.2	34.4	32.9	31.6	30.1	27.6	27.2
H	5.48	15.33	19.19	21.30	41.7	37.5	35.0	33.6	31.7	30.2	29.7	27.8
H	11.65	30.31	4.93	21.33	42.0	37.2	35.1	33.6	31.9	30.5	28.6	27.9
H	11.89	12.67	44.19	21.35	41.4	37.4	34.6	33.0	31.6	29.5	28.3	27.1
H	34.38	6.27	39.53	21.36	41.8	36.8	34.5	32.6	31.1	28.7	27.2	26.3
H	10.92	43.41	14.71	21.40	41.7	37.1	34.7	32.5	31.7	30.1	28.5	27.5
H	39.88	17.02	11.58	21.44	41.5	37.3	34.8	33.2	31.2	29.8	28.4	27.6
H	20.54	40.97	38.63	21.46	41.5	37.1	34.3	33.1	31.9	29.6	28.7	27.0
H	5.03	29.31	35.44	21.48	41.7	37.3	34.9	33.2	32.0	29.9	28.4	27.5
H	14.48	9.16	43.81	21.48	41.5	37.1	34.8	32.9	31.4	29.6	28.2	26.9
H	20.59	10.31	10.29	21.49	41.7	37.7	35.5	33.9	32.8	31.1	30.2	28.9
H	6.89	32.03	10.37	21.49	41.9	37.0	34.8	33.2	31.4	30.3	29.2	28.0
H	8.10	38.75	12.66	21.50	41.4	37.2	34.3	32.8	31.6	29.0	28.1	26.5
H	40.34	8.46	23.63	21.52	41.5	37.5	34.8	33.3	31.3	30.0	28.8	27.8
H	27.65	20.11	2.01	21.52	41.9	37.0	34.6	33.4	31.6	30.5	28.6	28.1
H	17.32	26.79	1.51	21.52	41.6	37.3	35.2	33.5	32.1	30.8	29.1	28.3
H	41.34	11.88	36.65	21.52	41.6	37.0	34.1	32.5	30.8	29.0	27.4	26.5
H	24.34	13.77	6.11	21.52	41.8	37.5	34.9	34.0	32.3	31.2	29.8	28.0
H	20.22	35.83	43.97	21.55	41.3	37.2	34.7	33.3	31.5	29.8	28.3	27.3
H	13.68	42.00	8.74	21.58	41.9	36.9	34.2	32.6	31.3	29.7	27.9	26.6
H	4.75	11.21	31.39	21.59	42.0	37.6	35.0	33.2	31.8	30.3	28.4	27.3
H	32.02	26.45	1.25	21.59	41.5	37.4	35.3	33.6	31.9	30.6	29.1	27.8
H	44.21	28.30	31.32	21.60	41.9	37.3	34.9	33.2	31.8	29.9	28.5	27.4
H	8.13	42.08	19.02	21.61	41.5	37.5	35.2	33.2	32.1	30.3	28.8	27.7
H	40.79	11.41	19.58	21.64	41.6	36.9	34.9	33.5	31.8	29.6	28.3	27.6
H	41.37	13.41	38.37	21.66	41.5	37.1	34.2	32.3	31.2	28.9	27.9	26.7
H	26.27	4.56	42.30	21.71	41.5	37.1	34.8	33.2	31.6	29.9	28.8	27.1
H	10.74	3.78	27.36	21.72	41.8	37.5	35.1	33.2	32.2	29.7	29.2	27.3
H	40.07	9.43	20.47	21.72	41.6	37.2	34.8	33.5	32.0	29.5	28.4	27.4
H	41.77	20.11	10.81	21.73	41.4	37.1	34.4	32.6	31.2	29.4	28.5	26.9
H	7.42	7.24	32.23	21.73	41.7	37.0	34.9	33.0	31.2	29.4	28.3	26.7
H	29.44	35.52	43.91	21.78	41.7	37.1	34.6	33.2	31.6	30.0	29.1	27.1
H	31.63	7.66	13.45	21.78	42.0	37.7	35.2	33.2	32.1	29.7	29.4	27.6
H	36.65	22.76	4.11	21.81	41.4	36.9	34.6	33.0	31.6	29.9	29.5	27.4
H	6.85	22.52	42.42	21.85	41.7	36.9	34.0	32.6	31.3	29.6	27.8	27.3
H	12.39	35.19	41.00	21.88	41.7	37.1	34.5	33.2	31.2	29.8	28.6	27.0
H	4.39	16.11	37.55	21.88	41.5	37.3	34.2	33.4	30.8	29.7	28.0	27.3
H	36.00	9.24	14.95	21.89	41.9	37.3	35.1	33.5	32.0	29.8	29.1	27.5
H	43.20	22.68	38.38	21.90	41.1	37.1	34.9	32.9	31.5	29.4	28.2	27.2
H	9.66	37.67	8.62	21.91	41.7	36.8	34.8	33.2	31.0	29.5	28.2	27.1
H	2.99	27.53	25.18	21.92	41.7	38.0	34.9	33.4	32.7	30.6	29.4	28.2
H	43.87	16.70	21.23	21.93	41.6	37.6	35.0	33.7	31.7	29.9	29.2	28.0
H	11.31	38.91	7.65	21.94	41.7	37.0	34.6	33.1	31.4	29.7	28.2	26.9
H	34.44	2.32	25.36	21.94	41.8	37.4	34.8	33.3	31.7	29.7	28.9	27.8
H	44.56	18.87	20.77	21.97	41.7	37.5	35.3	33.4	31.6	29.9	29.4	28.0
H	12.15	42.68	10.33	21.97	41.6	37.0	34.0	32.3	31.3	29.4	27.7	26.7
H	39.55	20.77	43.79	21.99	41.6	37.0	34.5	33.2	31.2	29.6	28.4	27.0
H	3.46	28.80	32.63	22.00	41.8	37.2	34.9	33.3	31.7	29.7	29.1	28.1
H	16.96	20.67	2.70	22.00	41.9	37.6	35.2	33.4	32.2	31.0	29.6	28.3
H	41.98	9.52	24.75	22.02	41.5	37.5	34.7	33.5	31.3	29.9	28.6	27.5
H	44.22	21.41	13.80	22.02	41.5	37.5	34.9	33.0	31.8	29.4	29.0	27.0
H	34.41	7.09	41.68	22.02	41.6	36.8	34.2	32.4	30.9	28.7	27.2	26.7
H	41.02	43.72	23.70	22.04	41.5	37.2	34.6	32.8	31.6	29.1	28.3	26.6
H	44.31	23.66	12.26	22.05	41.7	37.5	35.0	33.1	31.9	29.8	28.7	27.1
H	13.75	24.81	2.95	22.06	41.9	37.1	35.2	33.4	31.9	29.7	28.6	27.7

H	43.81	29.53	10.04	22.08	41.4	37.5	34.9	33.1	31.5	29.6	28.4	26.9
H	20.82	33.90	0.44	22.09	41.6	37.3	35.1	33.0	31.6	29.5	28.5	27.2
H	8.16	24.89	7.66	22.13	41.6	37.2	35.1	32.8	31.4	29.8	28.5	27.3
H	22.68	22.53	0.41	22.14	41.7	37.6	35.3	33.9	32.5	30.6	29.6	29.0
H	33.49	8.92	12.94	22.15	42.1	37.5	35.2	33.1	31.8	29.9	29.2	27.5
H	5.68	37.43	14.68	22.22	41.2	37.3	34.7	33.2	31.5	29.2	28.2	26.7
H	42.82	27.18	38.15	22.22	41.8	37.4	34.7	33.0	31.7	29.4	28.3	26.9
H	37.89	12.68	13.29	22.23	41.9	37.3	35.4	33.6	32.4	30.5	29.8	28.4
H	2.40	22.63	34.82	22.24	41.4	37.3	34.9	32.9	31.9	30.1	28.4	27.1
H	41.18	21.53	42.32	22.26	41.8	37.2	34.2	32.9	30.9	29.6	28.2	26.8
H	43.89	35.99	12.26	22.27	41.5	37.0	34.8	33.2	31.2	29.2	28.1	26.9
H	40.20	6.32	30.20	22.27	41.4	37.1	34.4	32.8	31.5	29.1	28.2	27.1
H	2.50	18.30	22.34	22.27	41.7	37.7	35.2	33.6	32.0	30.3	29.4	28.5
H	17.78	0.10	24.40	22.28	41.7	37.7	35.1	33.4	32.2	30.0	29.8	28.2
H	7.51	15.34	42.73	22.28	41.3	37.6	34.4	33.1	31.5	29.0	27.8	27.0
H	29.14	42.30	4.30	22.29	41.3	37.1	34.8	33.0	31.5	29.8	28.3	27.1
H	13.17	11.40	11.50	22.30	41.6	37.7	34.9	33.6	32.2	29.9	29.5	27.8
H	13.33	1.45	30.01	22.33	41.9	37.3	35.1	33.6	32.3	30.2	29.6	28.4
H	17.48	37.61	2.41	22.35	41.8	37.3	35.2	32.9	31.3	29.2	27.8	27.1
H	40.11	38.12	7.99	22.36	41.3	36.8	34.3	32.9	31.5	29.3	28.3	26.1
H	39.06	27.47	43.53	22.36	41.5	37.1	34.8	33.2	30.9	29.6	28.4	26.9
H	6.78	41.01	25.94	22.36	41.5	37.3	34.6	32.8	31.8	29.5	28.7	27.7
H	7.84	8.79	38.34	22.36	41.6	37.1	34.8	33.0	31.4	29.3	28.0	27.0
H	26.67	40.59	40.44	22.37	41.4	37.3	34.3	32.7	31.1	29.9	28.4	26.8
H	3.47	30.43	30.99	22.37	42.0	37.0	34.8	33.4	31.5	29.8	28.8	27.7
H	17.77	13.94	6.39	22.38	41.5	37.2	35.1	33.9	32.2	30.5	29.6	28.0
H	38.92	26.83	4.09	22.41	41.3	37.6	34.3	33.1	31.0	29.6	28.5	26.8
H	11.01	37.17	37.85	22.42	41.4	37.2	34.2	33.0	31.0	29.5	27.9	26.7
H	44.14	34.02	11.15	22.42	41.4	37.1	35.0	33.3	31.2	29.5	28.2	26.8
H	19.68	1.90	39.35	22.45	41.5	37.1	34.2	32.7	31.6	29.8	27.8	26.4
H	7.84	5.29	27.60	22.46	41.2	37.4	34.8	33.2	32.0	30.0	28.8	27.3
H	14.20	43.13	35.06	22.47	41.9	37.4	35.3	32.9	31.8	29.5	28.2	27.0
H	6.03	26.22	9.67	22.48	41.8	37.0	35.2	33.3	31.4	30.0	28.7	27.5
H	10.27	36.32	6.27	22.49	41.7	36.7	34.9	33.5	31.3	29.4	28.0	27.1
H	41.09	39.23	9.76	22.53	41.6	36.9	34.5	32.8	31.5	29.2	27.8	26.2
H	43.28	31.08	34.45	22.53	42.0	37.4	34.7	33.2	32.1	29.7	28.2	27.1
H	28.96	0.45	21.47	22.53	41.7	37.5	35.6	33.5	32.2	30.6	29.7	28.6
H	29.79	19.58	1.53	22.54	41.7	37.1	34.5	33.2	31.6	30.2	29.1	28.1
H	35.13	6.13	16.29	22.54	41.9	37.4	35.0	33.2	31.4	29.9	28.5	27.8
H	11.69	2.28	25.59	22.58	41.6	37.4	35.2	33.2	32.1	30.0	29.0	27.7
H	9.97	23.93	5.33	22.60	41.9	37.2	34.7	33.1	31.6	29.7	28.4	27.2
H	29.88	1.77	38.39	22.62	41.3	37.0	34.3	33.2	31.7	29.5	28.0	27.1
H	21.09	4.08	13.97	22.63	41.6	37.6	35.0	33.5	32.3	30.3	29.2	28.1
H	7.70	22.70	44.52	22.64	41.6	37.1	34.1	32.6	31.3	29.6	27.8	27.4
H	38.03	9.01	15.95	22.65	42.0	37.3	35.2	33.5	32.2	29.7	28.6	27.3
H	17.76	38.49	41.95	22.68	41.9	36.9	34.7	32.9	30.8	29.8	28.6	26.7
H	1.10	19.75	30.26	22.70	41.7	37.4	34.6	33.1	32.1	30.0	28.6	27.4
H	38.19	5.29	21.26	22.71	42.0	37.1	34.7	33.2	31.3	29.6	29.0	27.5
H	5.77	38.29	29.08	22.72	42.1	37.2	34.4	32.4	31.0	29.4	28.7	27.1
H	41.67	43.40	16.61	22.74	41.5	37.6	34.5	32.9	31.2	29.4	28.7	27.3
H	39.31	19.69	6.36	22.76	41.8	37.4	34.6	32.7	31.2	29.5	28.4	26.7
H	3.71	32.02	14.02	22.78	41.5	37.3	35.2	33.6	32.1	30.3	29.3	28.7
H	13.26	1.84	22.52	22.79	41.7	37.4	35.4	33.6	32.2	30.5	29.1	28.3
H	3.42	29.76	14.17	22.79	41.4	37.3	35.3	33.6	32.2	30.3	29.1	28.8
H	30.23	1.20	19.70	22.81	41.3	37.4	35.5	33.4	32.3	30.5	29.7	28.6
H	16.70	2.57	39.77	22.81	41.8	37.0	34.5	32.6	31.6	29.6	27.7	26.6
H	1.80	14.69	29.27	22.84	41.7	37.4	35.1	33.2	31.7	30.1	28.4	26.8
H	13.02	2.70	20.40	22.84	41.6	37.4	35.5	33.6	32.1	30.6	29.3	28.3
H	4.09	22.40	40.34	22.89	41.5	37.2	34.5	33.0	31.5	29.9	28.1	27.2
H	4.49	15.86	39.85	22.90	41.8	37.0	34.5	33.2	30.7	29.5	28.0	27.0
H	6.62	33.18	38.02	22.91	41.3	37.2	34.6	32.7	31.5	29.5	28.3	26.7
H	2.77	32.82	25.73	22.95	41.6	37.4	35.2	33.2	31.9	29.7	28.9	27.5

H	4.38	35.65	14.06	22.95	41.3	37.1	35.0	33.2	31.6	29.7	28.3	26.8
H	12.50	9.39	12.35	22.95	41.6	37.4	34.8	33.8	31.7	29.7	29.2	27.8
H	12.46	3.18	37.35	22.96	41.3	37.3	34.8	32.5	31.4	29.1	28.0	26.6
H	11.69	27.72	2.81	22.97	41.4	37.1	35.3	33.8	32.3	29.6	28.3	27.8
H	42.38	8.56	33.01	22.98	41.6	36.9	34.5	32.9	30.9	29.0	28.2	26.5
H	21.25	15.92	2.82	23.00	41.6	37.4	34.9	33.5	32.1	30.1	29.6	28.0
H	33.82	39.36	39.94	23.01	41.3	37.2	34.0	32.9	31.1	29.5	27.9	26.4
H	35.63	33.39	44.04	23.05	41.9	36.9	34.4	32.7	30.5	29.2	27.8	26.8
H	40.01	5.31	32.26	23.06	41.7	37.3	34.8	33.2	31.2	29.1	27.8	27.1
H	15.99	0.16	22.97	23.07	41.7	37.7	34.9	33.3	32.0	30.0	29.8	28.2
H	39.62	4.50	27.72	23.08	41.4	37.3	34.7	32.7	31.6	29.3	28.3	27.0
H	17.84	22.65	0.42	23.10	42.0	37.5	35.3	33.4	32.5	31.0	29.8	28.4
H	18.93	3.54	14.39	23.12	41.5	37.4	35.1	33.6	32.3	30.2	29.3	28.2
H	0.78	23.91	26.82	23.14	42.1	37.6	35.3	33.3	32.4	30.3	28.9	27.9
H	41.77	30.96	5.76	23.14	41.6	37.0	34.5	33.0	30.9	29.4	28.0	26.2
H	9.65	15.06	10.82	23.18	41.5	37.2	34.8	33.8	31.6	30.0	28.7	27.8
H	32.17	2.05	38.57	23.19	41.5	37.1	34.6	33.0	31.6	29.7	27.8	27.4
H	19.41	42.89	39.10	23.21	41.8	37.4	34.5	32.9	31.4	29.4	28.2	26.9
H	39.60	34.19	39.36	23.22	41.6	36.9	34.5	32.9	31.2	29.4	27.9	26.9
H	4.71	11.61	19.12	23.25	41.7	37.3	34.7	33.1	31.5	29.9	28.8	27.1
H	1.01	19.38	23.73	23.26	41.6	37.5	35.3	33.5	31.8	30.3	29.3	28.4
H	39.35	38.87	36.79	23.27	41.5	36.8	34.2	32.8	30.8	29.1	28.2	26.6
H	2.15	12.42	29.61	23.27	41.8	37.3	34.9	33.4	31.8	30.1	28.8	27.0
H	5.22	24.15	10.09	23.28	41.5	37.4	35.0	33.3	31.2	29.7	28.4	27.2
H	13.79	18.53	3.85	23.28	41.9	37.2	34.9	32.9	32.1	29.9	28.8	27.6
H	43.38	18.04	40.68	23.33	41.6	36.9	34.3	32.5	31.1	28.9	27.8	26.6
H	34.73	21.04	1.80	23.34	41.6	36.9	34.6	33.4	31.4	29.7	28.7	27.2
H	42.29	19.73	8.60	23.44	41.5	37.2	34.6	32.9	31.5	29.4	28.2	26.8
H	5.99	38.58	11.87	23.44	41.4	37.1	34.3	32.8	31.4	28.9	28.0	26.7
H	39.58	42.37	33.82	23.45	41.4	37.1	34.2	32.4	31.1	29.0	27.9	26.9
H	16.89	39.84	2.50	23.45	41.6	37.2	34.9	32.7	31.7	29.4	27.8	26.8
H	39.33	6.97	38.76	23.46	41.6	36.9	34.3	32.7	30.9	28.7	27.5	26.3
H	10.95	14.35	9.41	23.48	41.5	37.3	34.6	33.6	31.5	30.1	29.1	28.0
H	42.59	25.93	41.71	23.51	41.4	37.4	34.5	32.9	31.5	29.2	28.5	26.8
H	0.32	23.43	29.83	23.52	41.8	37.6	34.8	33.5	32.1	30.1	28.8	27.5
H	1.56	29.26	19.27	23.52	41.9	37.4	34.9	33.3	31.9	30.4	28.9	27.8
H	35.69	0.95	28.71	23.52	41.7	37.3	34.6	33.0	31.1	29.3	28.2	27.3
H	16.34	0.36	20.39	23.54	41.8	37.5	35.0	33.5	32.3	30.6	29.6	28.0
H	10.77	33.14	44.19	23.54	41.2	37.6	34.4	32.6	31.6	30.1	28.2	27.0
H	40.78	11.34	41.43	23.55	41.6	36.9	34.0	32.5	31.0	29.2	27.4	26.0
H	16.31	9.71	9.36	23.56	41.7	37.6	34.6	33.3	31.8	29.5	28.8	27.3
H	2.95	33.20	28.76	23.60	42.1	37.2	35.0	33.2	31.6	29.6	28.9	27.6
H	23.12	40.21	42.51	23.61	41.3	37.3	34.6	32.5	31.1	29.3	27.8	27.1
H	1.45	24.50	35.75	23.61	41.3	37.2	34.9	33.0	31.5	30.0	28.2	27.3
H	31.39	11.14	7.16	23.64	41.9	37.3	35.0	33.1	31.3	29.5	29.0	27.4
H	13.58	0.73	34.88	23.67	42.1	37.5	35.4	32.7	31.8	29.3	28.5	27.4
H	1.50	16.88	35.64	23.68	42.0	37.4	35.0	32.6	31.3	30.2	28.1	27.3
H	42.87	40.83	31.29	23.69	41.6	37.1	34.4	32.4	31.2	28.7	28.5	27.0
H	36.48	2.84	20.62	23.73	41.7	37.3	34.5	32.8	31.7	29.5	28.8	27.7
H	28.69	13.01	4.18	23.73	41.7	37.0	34.8	33.2	31.5	29.2	28.3	26.9
H	9.84	10.29	44.47	23.73	41.6	36.8	34.8	32.4	31.3	29.7	28.2	26.7
H	41.38	15.70	10.44	23.74	41.7	37.4	34.8	33.2	31.6	29.7	28.3	27.5
H	27.66	41.54	1.67	23.75	41.6	36.8	34.5	33.0	31.2	29.5	28.2	27.0
H	32.44	37.65	43.33	23.79	41.4	37.0	34.4	32.7	31.1	29.4	27.8	26.1
H	34.98	42.04	4.49	23.80	41.4	37.0	34.2	32.3	31.0	28.5	27.0	26.1
H	41.28	37.55	6.57	23.81	41.3	36.8	34.2	33.0	31.4	28.7	28.3	25.9
H	6.12	5.85	33.47	23.82	41.9	37.4	34.7	32.7	31.2	29.2	27.7	26.7
H	3.31	11.45	20.97	23.83	41.6	37.4	34.8	33.2	31.5	29.9	28.9	27.1
H	27.89	42.48	40.80	23.83	41.5	37.4	34.2	32.8	31.2	29.7	28.2	27.0
H	13.01	23.00	1.73	23.84	41.9	37.4	35.0	33.2	31.6	29.9	28.6	27.8
H	36.38	40.29	4.05	23.84	41.6	36.9	34.1	32.2	31.1	28.4	27.0	25.8
H	27.90	8.80	8.60	23.87	41.7	37.4	34.8	33.4	31.7	30.0	28.3	27.3

H	6.75	43.71	25.51	23.89	41.6	37.5	34.6	32.8	31.3	29.8	28.5	27.4
H	44.12	15.69	15.76	23.90	41.4	37.2	34.4	33.4	31.7	30.3	28.1	27.1
H	34.77	1.88	19.83	23.90	41.5	37.3	34.6	33.0	31.4	29.5	28.6	27.6
H	5.04	29.13	41.31	23.95	41.6	36.8	34.4	32.8	31.3	29.7	28.2	27.0
H	8.61	37.89	6.57	23.96	41.7	36.9	34.8	33.2	31.0	29.8	28.2	27.3
H	2.41	36.63	23.55	23.97	42.0	37.4	35.0	33.2	31.8	29.8	28.6	27.6
H	41.22	20.86	5.78	23.97	41.6	37.3	34.9	32.4	31.0	29.6	28.4	26.4
H	5.88	5.44	25.25	24.00	41.4	37.4	34.9	33.0	31.9	29.7	28.2	26.9
H	8.12	31.38	4.63	24.00	41.3	37.8	34.7	33.0	31.6	29.7	28.1	27.4
H	44.16	38.97	31.72	24.01	41.6	36.9	34.2	32.8	31.2	28.8	28.4	26.8
H	38.00	21.64	2.65	24.02	41.3	37.2	34.7	33.2	31.6	29.7	29.4	27.4
H	5.86	11.43	41.46	24.06	41.5	37.0	34.2	32.6	31.0	29.0	27.8	26.4
H	35.00	10.87	8.93	24.08	41.8	37.4	34.7	33.1	31.4	29.4	28.5	26.8
H	3.12	25.21	12.01	24.09	41.5	37.3	34.7	33.2	31.4	29.4	28.8	27.6
H	16.34	0.73	18.12	24.11	41.6	37.8	35.0	33.6	32.3	30.5	29.3	27.9
H	0.70	15.99	33.70	24.12	41.8	37.8	34.7	32.8	31.5	30.3	28.1	27.4
H	31.47	3.55	14.05	24.12	41.8	37.3	35.0	33.2	31.7	30.0	28.8	27.5
H	14.69	37.29	1.43	24.12	41.7	37.2	34.9	32.5	31.8	29.2	28.2	27.0
H	39.30	5.09	37.49	24.13	41.5	36.9	34.0	32.5	31.0	28.6	27.6	26.2
H	14.27	6.72	11.67	24.15	41.7	37.1	34.8	33.3	31.7	29.9	28.8	27.5
H	42.17	34.12	37.68	24.20	42.0	37.0	34.8	33.2	31.3	29.2	28.1	26.6
H	27.27	3.35	44.54	24.20	41.6	37.2	34.5	32.9	31.6	29.7	28.5	27.0
H	8.84	40.57	35.19	24.20	42.1	37.1	34.6	32.6	31.1	29.3	27.8	26.8
H	43.51	15.38	13.56	24.22	41.6	37.4	34.3	33.4	31.4	30.5	28.4	27.2
H	23.06	40.16	0.21	24.24	41.2	37.1	34.7	32.5	31.1	29.3	28.0	26.8
H	44.06	43.41	18.55	24.24	41.7	37.2	34.7	33.1	31.3	29.3	28.2	27.3
H	35.61	35.65	43.93	24.24	41.7	37.1	34.4	32.8	30.7	29.5	27.6	26.7
H	11.17	39.18	38.91	24.25	41.6	37.1	34.3	32.7	31.1	29.3	28.0	26.8
H	41.15	26.83	3.56	24.26	41.2	37.4	34.3	33.1	31.0	29.6	28.7	26.4
H	41.38	44.30	12.61	24.29	41.6	37.1	34.3	32.2	30.8	28.6	27.7	25.8
H	24.24	0.85	15.25	24.30	41.9	37.7	35.4	33.3	32.5	30.5	29.3	28.4
H	6.10	7.93	18.19	24.34	41.5	37.2	34.5	33.2	31.7	29.5	28.9	27.0
H	2.79	19.24	16.24	24.34	41.8	37.5	34.5	33.4	31.7	30.2	28.3	27.3
H	5.35	35.32	36.22	24.39	41.5	37.0	34.6	32.7	31.1	29.4	28.2	26.7
H	24.10	1.34	42.79	24.41	41.7	37.3	34.8	32.7	31.3	29.2	27.9	27.0
H	43.50	8.43	22.16	24.41	41.9	37.5	35.3	33.0	31.5	29.8	28.5	27.3
H	3.48	17.21	15.45	24.42	41.5	37.1	34.7	33.4	31.6	29.9	28.5	27.3
H	21.72	43.90	2.59	24.45	41.8	37.4	34.6	32.6	31.3	29.5	28.3	26.7
H	25.10	7.57	8.28	24.46	41.6	37.3	35.0	33.2	31.5	30.0	28.3	27.3
H	7.53	15.75	10.32	24.48	41.7	37.1	34.6	33.5	31.6	29.9	28.8	27.7
H	34.97	43.06	38.74	24.50	41.7	36.9	34.6	32.5	31.1	29.3	27.6	26.3
H	35.25	4.81	14.45	24.51	41.8	37.4	35.2	32.9	31.3	29.5	28.6	27.9
H	42.78	32.93	5.22	24.51	41.7	36.8	34.5	32.9	30.7	29.4	27.9	26.6
H	8.05	41.86	33.50	24.51	41.8	37.1	34.6	32.6	31.3	29.3	27.6	26.6
H	13.37	3.11	15.60	24.51	41.5	36.8	34.8	32.8	31.9	30.2	28.2	27.5
H	0.76	32.22	19.67	24.52	42.0	37.6	34.9	33.2	31.6	30.1	28.8	27.6
H	16.16	40.08	42.32	24.57	42.0	37.0	34.9	32.7	30.8	29.6	28.6	26.7
H	18.56	15.32	1.99	24.57	41.9	37.3	34.6	33.6	31.9	30.1	29.1	27.8
H	3.26	22.98	11.55	24.58	41.6	37.0	34.8	33.3	31.4	29.6	28.7	27.5
H	10.41	2.98	38.40	24.58	41.5	37.1	34.8	32.4	31.6	29.1	27.7	26.3
H	42.23	5.04	29.24	24.59	41.6	37.3	34.4	32.9	31.4	28.9	28.2	27.2
H	1.91	36.28	25.76	24.62	41.9	37.3	35.0	33.2	32.0	29.9	28.4	27.4
H	14.20	12.82	6.13	24.65	41.6	37.3	34.6	33.2	31.7	29.7	28.9	27.4
H	3.16	7.59	26.95	24.67	42.0	37.5	35.0	32.7	31.6	29.8	28.0	27.2
H	29.87	1.97	14.35	24.68	41.6	37.4	34.8	33.5	31.8	29.8	29.2	27.2
H	38.11	4.65	17.19	24.71	41.8	37.5	35.0	32.8	31.6	29.4	28.0	27.1
H	1.16	22.31	18.38	24.75	41.5	37.4	35.0	33.6	32.5	30.4	29.0	28.3
H	29.64	13.88	2.31	24.76	41.6	36.9	34.6	33.2	31.4	29.4	28.5	26.9
H	11.18	35.37	44.53	24.76	41.4	37.5	34.3	32.9	31.4	29.7	28.4	27.5
H	6.96	3.36	32.61	24.77	41.7	37.2	34.6	32.7	30.9	29.4	28.3	26.6
H	1.68	31.00	34.33	24.79	41.6	37.3	34.6	32.9	31.6	29.7	28.5	26.8
H	4.37	7.74	20.75	24.80	41.5	37.4	34.6	33.1	31.4	29.5	28.9	26.8

H	37.83	0.77	27.89	24.83	41.4	37.2	34.9	32.6	31.3	29.6	28.4	27.3
H	37.01	3.96	40.60	24.87	41.5	36.8	34.3	32.4	31.1	28.6	26.9	26.1
H	43.10	12.24	15.82	24.88	41.9	37.2	34.5	33.1	31.4	29.4	28.7	27.2
H	0.24	22.61	36.79	24.89	41.2	37.0	34.7	33.1	31.8	29.8	28.1	27.3
H	11.24	26.65	0.86	24.89	41.5	37.2	35.1	33.5	31.9	29.5	28.4	27.7
H	9.59	0.65	28.76	24.91	41.9	37.6	34.6	33.6	31.5	29.8	28.0	27.1
H	0.57	12.67	24.30	25.00	41.5	37.5	34.9	33.3	31.5	29.8	28.9	27.9
H	3.68	39.13	29.64	25.02	41.8	37.2	34.5	32.4	31.2	29.6	28.8	27.2
H	5.02	14.83	13.16	25.02	41.7	37.2	34.8	32.9	31.3	29.3	28.1	27.4
H	37.37	16.17	3.82	25.02	41.8	37.0	34.8	32.5	30.6	29.4	27.7	26.8
H	42.24	36.31	4.96	25.09	41.3	37.0	34.3	32.8	31.4	29.2	27.9	25.9
H	25.93	2.82	11.54	25.13	41.5	37.4	35.0	33.2	31.7	30.4	28.8	27.7
H	35.02	19.05	0.63	25.15	41.7	37.1	34.7	33.2	31.7	29.6	28.9	26.9
H	13.63	39.31	1.67	25.17	41.8	37.1	34.9	32.5	31.7	29.3	28.3	26.7
H	8.18	9.77	12.29	25.21	41.4	37.5	34.6	33.2	31.5	29.3	28.7	27.4
H	24.96	44.42	41.32	25.23	41.4	37.2	34.8	32.9	31.1	29.5	27.8	27.0
H	7.54	20.41	5.27	25.26	41.3	37.3	35.0	32.6	31.1	29.7	28.6	26.8
H	27.06	11.89	2.86	25.26	41.6	37.0	34.6	33.2	31.3	29.2	28.6	27.1
H	41.81	5.09	35.74	25.26	41.5	36.9	34.2	32.5	31.4	28.7	27.6	26.5
H	11.09	12.61	7.91	25.28	41.5	37.2	34.3	33.4	31.7	29.9	29.1	27.6
H	13.40	16.65	2.59	25.28	41.6	37.0	34.8	32.8	31.4	29.9	28.8	27.4
H	30.61	40.75	43.08	25.30	41.7	37.4	34.2	32.5	30.9	29.4	27.9	26.5
H	1.55	36.32	15.50	25.33	41.1	37.1	34.8	33.1	31.8	29.7	28.2	27.0
H	2.55	40.58	20.77	25.35	41.2	37.4	34.5	33.0	31.1	28.9	27.8	26.7
H	38.28	0.63	31.51	25.36	41.6	37.4	34.4	32.6	30.8	29.3	28.2	26.7
H	13.47	1.54	40.98	25.38	41.6	36.9	34.2	32.4	30.8	29.1	27.5	26.3
H	41.73	43.12	34.11	25.40	41.5	36.9	34.1	32.3	31.2	28.6	27.8	26.6
H	41.06	10.16	13.58	25.45	42.1	37.4	34.7	33.0	31.0	29.6	28.3	26.9
H	0.27	34.94	21.24	25.45	41.7	37.4	35.0	33.2	31.6	29.6	28.6	27.3
H	5.38	29.28	44.35	25.50	41.7	36.9	34.4	32.8	31.6	29.2	28.3	26.8
H	30.56	9.72	5.51	25.51	42.1	37.4	34.8	33.0	31.5	29.7	28.5	27.0
H	8.36	32.12	2.45	25.51	41.5	37.6	34.7	33.0	31.5	29.5	28.3	27.3
H	1.09	28.21	38.09	25.52	41.7	37.1	34.4	33.0	31.6	29.7	28.2	26.9
H	0.26	23.96	17.08	25.56	41.4	37.5	34.8	33.8	32.2	30.0	29.1	28.4
H	11.05	3.21	15.48	25.57	41.7	36.8	34.8	32.6	31.7	30.3	28.2	27.6
H	19.94	10.43	4.42	25.58	41.7	37.1	34.6	33.1	31.2	29.8	28.8	27.4
H	13.14	44.22	4.85	25.63	41.6	37.2	34.2	32.8	30.7	28.7	28.3	25.6
H	4.79	44.52	23.25	25.65	41.8	37.2	34.5	32.8	31.3	29.5	28.3	27.0
H	4.22	35.19	7.86	25.65	41.2	37.1	34.4	32.5	31.1	29.5	27.8	26.5
H	25.88	4.61	9.06	25.69	41.4	37.4	34.9	33.1	31.6	29.9	28.7	27.2
H	44.06	13.28	42.20	25.75	41.2	36.9	33.9	32.1	31.0	29.0	27.6	25.9
H	8.68	0.37	30.85	25.75	41.7	37.3	34.5	33.7	31.8	29.9	27.8	27.1
H	42.00	9.78	42.65	25.75	41.8	36.8	34.2	32.3	31.2	29.2	27.4	26.2
H	38.60	44.09	5.87	25.80	41.4	36.9	34.2	32.4	30.6	29.2	27.7	25.9
H	4.56	42.44	13.49	25.84	41.4	36.9	34.7	32.6	31.4	29.4	27.1	26.3
H	7.40	36.93	40.97	25.84	41.7	37.1	34.1	32.8	31.0	29.2	27.4	26.4
H	4.48	19.19	9.02	25.84	41.4	37.1	34.6	32.7	31.3	29.1	27.7	26.8
H	16.48	8.88	7.00	25.85	41.3	37.7	34.5	33.0	31.6	29.7	29.1	27.1
H	24.20	14.12	0.23	25.86	41.9	37.2	34.6	33.3	32.1	29.9	29.5	27.7
H	34.10	38.72	44.46	25.86	41.7	37.0	34.3	32.9	31.2	29.4	27.7	26.6
H	18.50	43.66	1.33	25.91	41.6	37.1	34.7	32.9	31.5	29.5	28.4	26.7
H	42.52	44.43	10.66	25.91	41.5	37.2	34.4	32.2	30.6	28.6	27.5	25.6
H	2.22	9.25	36.84	25.92	41.7	37.1	34.7	33.1	30.5	29.0	27.4	26.7
H	6.06	6.29	40.39	25.93	41.4	37.3	34.5	32.6	31.0	29.0	27.2	26.5
H	7.91	44.45	9.79	25.97	41.6	36.7	34.4	32.6	30.6	29.2	27.7	26.6
H	39.27	4.37	40.84	26.00	41.8	37.1	34.3	32.4	30.8	28.9	27.0	26.1
H	4.12	23.06	7.07	26.00	41.5	37.2	34.8	32.6	31.2	29.4	28.2	26.9
H	37.37	8.08	10.73	26.02	41.9	36.9	34.7	32.7	31.4	29.5	28.1	27.0
H	7.44	18.15	5.47	26.04	41.4	37.6	35.0	32.6	30.8	29.6	28.1	26.6
H	0.96	31.11	36.54	26.05	41.8	37.2	34.6	33.0	31.9	29.5	28.1	26.9
H	2.79	42.02	18.05	26.07	41.3	37.1	34.3	32.7	31.0	29.0	27.9	26.7
H	12.40	2.44	42.78	26.09	41.9	36.9	34.5	32.4	31.1	29.3	27.5	26.3

H	40.34	39.69	39.59	26.12	41.5	36.8	34.5	32.7	30.7	28.9	28.0	26.7
H	32.89	15.97	0.18	26.12	41.2	37.0	34.4	32.6	31.4	29.3	28.3	27.0
H	31.52	14.28	0.80	26.13	41.5	37.0	34.6	33.1	31.6	29.3	28.5	27.0
H	36.15	0.34	38.25	26.13	41.5	36.9	34.6	32.3	30.5	29.7	27.9	26.5
H	11.68	41.97	39.76	26.14	41.6	37.0	34.0	32.5	31.4	29.0	27.7	26.4
H	43.47	30.78	42.76	26.17	41.5	36.7	34.2	32.5	31.4	29.2	27.7	26.3
H	4.36	9.69	15.15	26.18	41.6	37.1	34.2	32.9	31.2	29.5	28.4	27.1
H	0.84	10.11	35.01	26.19	41.6	37.0	34.5	32.8	30.8	29.2	27.4	26.6
H	40.52	1.22	31.43	26.26	41.4	37.4	34.5	32.6	31.2	29.1	27.9	26.7
H	38.47	9.71	9.52	26.27	42.0	37.1	34.8	32.5	31.3	29.4	28.0	27.1
H	13.54	1.68	14.14	26.29	41.7	36.8	34.5	32.6	31.7	30.2	28.3	27.3
H	36.12	9.49	7.53	26.31	41.7	37.1	34.8	33.0	31.5	29.5	28.1	26.9
H	7.49	4.89	41.41	26.31	41.6	37.1	34.3	32.5	31.0	29.2	27.4	26.2
H	5.50	25.30	4.15	26.32	41.2	37.2	34.5	33.0	30.9	29.4	28.3	25.9
H	4.56	41.96	31.71	26.34	41.6	37.5	34.7	32.5	31.5	29.1	28.4	26.8
H	38.74	14.38	4.29	26.34	42.0	37.3	34.8	32.8	30.9	29.3	27.9	26.7
H	39.22	0.48	23.55	26.35	41.5	37.2	34.7	32.7	31.3	28.8	28.2	26.8
H	5.28	27.53	4.03	26.36	41.2	37.4	34.5	33.1	31.0	29.5	28.4	26.2
H	9.14	16.55	4.34	26.37	41.6	37.6	34.8	32.8	31.3	29.4	28.4	26.8
H	8.48	7.53	11.85	26.40	41.4	37.2	34.6	33.2	31.2	29.5	28.8	27.7
H	39.04	4.38	15.11	26.43	41.9	37.6	34.8	33.1	31.6	29.5	28.1	27.5
H	3.71	40.04	32.57	26.47	41.9	37.1	34.7	32.6	31.5	29.1	28.3	26.7
H	43.65	5.93	36.99	26.49	41.7	37.1	34.1	32.6	31.1	28.9	27.4	26.1
H	6.78	1.41	33.83	26.54	41.7	37.1	34.4	32.7	31.0	29.2	28.2	26.5
H	2.33	42.21	24.93	26.55	41.5	37.1	34.4	32.9	31.8	29.2	28.1	26.1
H	3.17	12.01	42.81	26.61	41.7	36.9	34.3	32.5	30.9	29.2	27.7	26.6
H	2.18	5.49	27.08	26.66	42.2	37.7	34.8	33.0	31.3	30.2	28.0	27.3
H	1.19	28.52	9.43	26.68	41.1	37.6	34.8	33.2	31.2	29.3	28.4	26.6
H	4.78	14.02	11.12	26.70	41.5	36.9	34.7	33.0	31.2	29.3	27.9	27.4
H	8.46	38.89	41.51	26.71	41.6	37.0	34.0	32.7	31.1	29.0	27.6	26.6
H	1.01	8.23	22.95	26.71	41.9	37.5	35.1	33.0	31.6	29.6	28.4	27.3
H	19.10	2.87	9.63	26.73	41.4	37.2	34.6	33.1	31.5	28.8	28.2	26.9
H	10.63	40.79	41.42	26.85	41.8	36.6	34.3	32.5	31.6	28.9	27.9	26.7
H	8.58	1.43	38.70	26.85	41.2	36.9	34.9	32.4	31.6	29.0	27.7	26.3
H	29.26	5.31	7.61	26.86	41.5	37.3	34.8	32.9	31.3	29.7	28.0	26.9
H	0.19	37.98	16.55	26.89	41.2	37.3	34.8	33.2	31.4	29.8	28.3	26.8
H	7.93	43.55	6.87	26.90	41.9	37.0	34.1	32.7	30.9	29.3	27.9	26.6
H	2.15	28.11	43.11	26.90	41.7	36.7	34.1	32.8	31.3	29.3	27.8	26.5
H	12.21	4.77	10.51	26.97	41.5	37.2	34.8	33.1	31.4	29.7	28.9	27.3
H	38.09	37.79	44.21	26.99	41.5	36.8	34.6	32.9	31.2	28.7	27.2	26.6
H	39.70	36.13	44.34	27.00	41.5	36.8	34.7	33.0	31.0	28.6	27.6	26.7
H	9.88	1.26	40.54	27.03	41.4	36.9	34.7	32.6	31.2	29.0	27.8	26.4
H	43.27	5.33	18.75	27.03	41.6	37.1	35.0	32.4	31.1	29.2	27.5	26.9
H	3.31	8.13	16.52	27.03	41.4	36.9	34.4	33.0	31.2	29.4	27.9	27.0
H	18.59	42.98	43.74	27.05	41.5	37.1	34.5	32.8	31.2	29.7	28.1	26.5
H	8.69	0.17	20.40	27.07	41.3	37.4	35.2	33.0	32.0	30.1	28.7	27.4
H	39.29	1.25	18.90	27.08	41.5	37.5	34.5	32.5	31.4	29.2	28.9	27.4
H	1.43	20.14	43.97	27.09	41.6	37.0	34.6	32.4	30.6	29.0	27.7	26.6
H	31.96	42.46	43.88	27.12	41.4	37.1	34.3	32.5	31.0	29.6	28.1	26.4
H	41.92	16.57	4.21	27.13	41.8	36.8	34.7	32.6	30.8	29.0	28.2	26.4
H	1.58	6.10	33.09	27.14	41.6	37.4	34.4	32.6	30.7	29.1	28.3	26.4
H	4.21	4.06	20.54	27.14	41.4	37.3	34.6	33.1	31.2	29.4	28.1	27.0
H	31.43	5.95	7.46	27.15	41.6	37.1	35.0	33.1	31.1	29.4	27.6	26.8
H	1.63	35.43	35.65	27.21	41.5	37.0	34.5	32.5	30.9	29.3	27.8	26.7
H	0.41	17.82	42.26	27.22	41.4	37.1	34.0	32.2	31.4	29.3	27.7	26.9
H	3.65	20.86	6.52	27.25	41.3	37.1	34.8	32.5	31.3	29.4	27.9	26.8
H	9.37	21.30	0.43	27.28	41.6	36.9	34.3	32.8	31.6	29.9	27.9	27.2
H	2.33	4.48	31.61	27.28	41.5	37.0	34.4	32.5	31.2	28.9	28.4	26.4
H	33.27	0.96	44.19	27.29	41.4	37.2	34.0	32.4	30.7	29.1	27.8	26.6
H	42.26	8.25	13.30	27.29	42.0	37.2	35.0	33.1	31.0	29.5	28.3	26.5
H	14.18	11.21	3.50	27.38	41.6	37.2	34.2	33.0	31.5	29.8	28.8	27.2
H	20.21	10.97	1.27	27.39	41.5	36.9	34.7	32.8	31.3	29.7	28.6	27.7

H	22.30	43.91	44.20	27.39	41.7	37.2	34.4	32.9	31.3	29.4	27.8	26.8
H	26.82	9.53	2.12	27.40	41.7	37.0	34.6	33.2	31.4	29.3	28.4	27.0
H	42.39	5.07	16.64	27.41	41.4	37.1	34.8	32.8	30.9	29.1	27.7	27.0
H	0.87	33.66	9.34	27.44	41.3	37.0	35.1	33.4	31.2	29.4	27.9	26.5
H	3.05	40.76	10.12	27.46	41.6	37.1	34.0	32.9	31.1	29.1	27.2	26.5
H	2.96	37.02	7.30	27.47	41.4	37.2	34.5	32.3	30.8	29.3	27.5	26.8
H	35.54	4.12	10.58	27.48	41.6	37.0	34.6	32.7	31.4	28.8	27.5	26.5
H	4.08	40.60	8.10	27.50	41.3	37.1	34.2	32.6	31.2	29.1	27.1	26.1
H	3.14	29.78	4.83	27.50	41.1	37.1	34.4	32.7	31.0	29.2	28.1	25.8
H	9.74	43.05	3.56	27.54	41.7	37.2	34.9	32.8	30.9	28.9	27.4	26.0
H	43.75	14.13	7.62	27.58	41.4	36.8	34.4	32.5	31.1	28.8	27.3	26.0
H	42.93	1.42	27.56	27.59	41.2	37.3	34.5	32.7	31.3	29.4	28.0	26.8
H	39.76	38.66	0.32	27.68	41.4	36.8	34.7	33.0	31.0	28.8	27.5	26.8
H	42.63	30.33	0.26	27.69	41.6	36.8	34.2	32.2	31.1	28.9	27.7	26.6
H	2.27	8.12	40.37	27.72	41.7	36.9	34.0	32.8	31.1	28.6	27.2	26.4
H	18.84	9.43	2.59	27.76	41.8	36.9	34.5	32.9	31.5	29.5	28.7	27.6
H	0.25	11.65	17.13	27.76	41.7	37.4	34.5	33.0	31.3	29.3	28.4	26.8
H	43.82	4.12	19.86	27.78	41.5	37.0	35.0	32.5	31.0	29.0	27.3	26.9
H	2.20	18.96	8.95	27.80	41.3	37.0	34.7	32.7	31.1	29.4	27.5	26.7
H	2.25	42.81	13.75	27.80	41.6	36.9	34.4	32.4	31.2	29.3	27.3	26.1
H	1.82	28.32	6.05	27.85	40.9	36.9	34.7	33.0	31.3	29.6	28.2	26.1
H	9.70	15.08	2.66	27.87	41.5	37.5	34.6	32.7	31.6	29.5	28.1	26.6
H	5.73	40.71	37.79	27.88	41.9	36.7	34.1	32.4	31.5	29.2	27.6	26.7
H	10.19	0.94	14.87	27.91	41.6	37.1	34.7	32.5	31.5	30.1	28.3	27.4
H	38.94	42.99	41.14	27.96	41.7	36.8	34.6	32.8	30.7	28.5	27.4	26.2
H	23.28	3.83	6.63	27.97	41.2	37.6	35.0	33.3	31.4	29.2	27.8	27.1
H	22.92	9.56	1.24	28.02	41.4	36.8	34.6	32.8	31.6	29.2	28.6	27.2
H	42.53	42.39	4.45	28.03	41.4	36.6	34.5	32.4	30.8	28.5	27.1	26.0
H	2.07	37.84	35.06	28.06	41.2	37.3	34.5	32.5	31.1	29.2	27.9	26.5
H	14.05	0.27	12.42	28.12	41.4	36.8	34.5	32.8	31.5	30.3	28.1	27.5
H	43.62	17.89	3.47	28.16	41.6	36.8	34.4	32.9	30.8	29.3	27.9	26.3
H	0.38	37.37	10.78	28.17	41.5	37.1	34.7	33.2	31.2	29.4	28.2	26.8
H	43.34	40.40	3.56	28.21	41.5	36.8	34.4	32.5	31.0	28.5	27.2	25.9
H	5.55	39.67	39.83	28.25	41.6	36.7	34.1	32.2	31.4	29.3	27.4	27.0
H	8.20	6.55	9.97	28.28	41.6	37.4	34.4	33.1	31.0	29.3	28.5	27.5
H	15.79	5.84	6.12	28.31	41.5	37.1	34.6	32.8	31.4	29.3	28.6	26.7
H	17.44	1.27	9.40	28.33	41.3	37.1	34.7	33.0	31.9	29.3	27.8	26.7
H	41.44	37.10	43.92	28.36	41.5	36.6	34.6	32.9	30.9	28.5	27.2	26.5
H	4.32	1.68	35.79	28.42	41.3	37.1	34.3	32.8	30.7	29.0	28.1	26.4
H	3.35	2.45	21.94	28.43	41.3	37.4	34.6	32.9	31.3	29.2	28.5	26.8
H	0.34	42.79	23.95	28.44	41.6	37.4	34.4	32.8	31.6	29.3	28.1	26.5
H	4.01	0.61	28.27	28.46	41.3	37.1	34.3	32.7	31.0	29.3	28.2	25.9
H	4.19	35.28	44.00	28.59	41.5	37.4	34.4	33.0	30.9	28.8	27.2	25.9
H	30.24	7.11	3.47	28.69	41.8	37.2	34.5	33.0	31.2	29.3	28.0	27.0
H	4.08	39.07	4.74	28.70	41.6	37.1	34.2	32.3	30.3	28.3	26.5	26.0
H	7.83	42.08	2.72	28.70	41.4	37.0	34.7	32.5	30.8	28.8	27.5	26.1
H	43.13	36.41	0.65	28.71	41.5	36.7	34.3	32.6	30.8	28.6	27.1	26.6
H	3.81	4.44	16.28	28.75	41.9	37.1	34.1	33.3	32.1	29.2	27.9	26.5
H	2.96	34.73	3.99	28.76	41.2	37.0	34.3	32.5	30.9	29.2	28.0	26.4
H	21.18	3.01	6.37	28.79	41.4	37.6	34.7	32.9	31.5	29.1	28.2	27.0
H	0.48	27.22	44.51	28.80	41.5	36.9	34.3	32.9	31.5	28.9	28.0	26.5
H	2.74	3.06	36.69	28.86	41.1	37.1	34.4	32.7	31.2	29.2	28.1	26.1
H	44.54	36.44	41.43	28.87	41.8	37.0	34.4	32.6	31.0	28.7	27.4	26.7
H	43.58	0.50	24.70	28.95	41.4	37.2	34.7	32.9	31.4	29.0	28.3	26.6
H	2.70	32.55	3.38	28.97	41.3	36.9	34.1	32.5	31.1	29.2	27.8	26.5
H	14.00	4.59	6.82	29.02	41.2	37.2	34.6	32.9	31.3	29.3	28.5	27.0
H	9.27	6.73	7.94	29.02	41.5	37.2	34.4	33.0	30.8	29.3	28.3	27.3
H	36.82	44.44	42.91	29.03	41.8	36.7	34.6	32.8	30.4	28.9	27.7	26.4
H	2.73	1.13	30.15	29.04	41.3	37.2	34.5	32.8	30.9	29.3	28.0	25.9
H	43.77	3.10	39.56	29.17	41.8	37.3	34.1	32.3	30.5	29.1	27.3	25.9
H	1.22	6.22	39.64	29.17	41.8	36.8	34.0	32.8	30.7	28.9	27.2	26.3
H	11.29	8.75	5.23	29.20	41.6	36.8	34.6	32.6	31.1	29.2	28.5	26.9

H	0.39	13.21	44.27	29.21	41.4	36.8	34.1	32.4	30.9	29.0	27.5	26.2
H	41.94	5.27	12.16	29.24	41.6	37.0	34.3	32.5	30.9	28.9	28.0	26.8
H	36.77	0.37	12.61	29.30	41.7	37.4	34.8	32.9	31.4	29.1	27.8	26.8
H	39.07	40.81	44.49	29.51	41.5	36.8	34.4	33.1	31.2	28.7	27.4	26.7
H	1.69	37.73	39.27	29.54	41.4	37.1	34.5	32.3	31.2	29.1	27.6	26.7
H	5.93	13.47	4.88	29.56	41.5	37.0	35.0	32.3	30.7	28.8	27.6	26.4
H	2.37	26.16	2.55	29.62	41.3	37.5	34.6	32.7	31.0	29.4	27.2	26.3
H	43.87	3.66	41.77	29.80	41.7	37.4	34.0	32.4	30.7	28.9	27.4	25.9
H	5.18	36.89	0.66	29.88	41.5	37.6	34.4	32.8	31.0	28.7	27.6	25.8
H	5.41	11.92	6.47	29.89	41.4	37.2	34.6	32.6	30.5	29.1	27.5	25.9
H	27.71	5.35	3.09	29.94	41.7	37.3	34.7	33.1	31.3	29.4	28.1	27.1
H	34.84	7.45	2.83	30.03	41.7	36.9	34.1	32.4	30.7	28.8	27.6	26.2
H	4.44	16.94	2.98	30.09	41.7	36.8	34.4	32.5	30.6	28.6	27.5	26.0
H	10.42	3.24	8.35	30.11	41.2	37.0	34.5	32.9	31.0	29.6	28.6	27.2
H	43.50	4.21	13.53	30.11	41.4	36.9	34.5	32.6	30.9	28.9	27.8	26.7
H	41.75	44.14	41.34	30.18	41.4	36.9	34.4	32.5	30.6	28.4	27.1	26.2
H	9.43	9.52	4.12	30.25	41.8	36.6	34.2	33.0	31.2	29.5	28.4	27.1
H	36.25	3.21	7.70	30.26	41.7	37.0	34.5	32.5	31.3	29.0	27.5	26.5
H	30.37	1.83	6.24	30.29	41.6	37.2	34.6	32.8	31.4	29.1	27.7	27.2
H	3.84	2.23	15.74	30.29	41.8	36.8	34.2	33.3	32.1	29.1	27.8	26.7
H	40.84	10.09	3.73	30.30	41.6	37.1	33.9	32.5	30.5	28.8	27.6	25.5
H	25.83	0.70	6.29	30.33	41.7	37.2	34.9	33.3	31.5	29.7	28.7	27.6
H	39.17	11.24	1.19	30.37	41.6	36.9	34.1	32.8	30.5	28.6	27.5	25.8
H	36.28	0.18	10.40	30.48	41.7	37.1	34.5	33.2	31.1	28.8	27.7	26.7
H	37.08	10.05	0.68	30.53	41.7	36.9	34.5	32.4	30.9	28.7	27.5	25.8
H	1.53	0.81	33.87	30.56	41.2	37.2	34.4	32.6	31.0	28.9	28.2	25.9
H	4.52	2.32	43.11	30.57	41.4	36.6	34.1	32.4	30.9	29.2	27.7	26.2
H	0.39	1.48	31.97	30.70	41.4	37.0	34.6	32.9	31.0	28.8	28.4	26.2
H	43.76	41.86	42.01	30.73	41.6	36.9	34.5	32.6	30.4	28.7	27.0	26.2
H	3.04	40.04	2.98	30.85	41.5	37.0	34.0	32.0	30.4	28.3	26.6	26.3
H	35.12	8.35	0.75	30.85	41.7	36.9	34.3	32.5	31.0	28.7	27.6	26.0
H	1.11	24.23	2.45	30.88	41.5	37.5	34.5	32.9	31.0	29.2	27.5	26.1
H	5.45	0.37	42.44	30.95	41.7	36.5	34.3	32.5	31.2	29.1	27.6	26.3
H	43.51	11.74	3.47	30.99	41.5	37.0	33.8	32.8	30.8	28.5	27.4	25.8
H	32.48	1.09	6.61	31.03	41.5	36.9	34.9	33.0	31.5	29.3	27.4	27.0
H	0.75	12.39	9.58	31.05	41.5	36.8	34.1	32.3	30.8	28.5	27.4	26.0
H	2.41	42.13	38.24	31.09	41.4	37.2	34.2	32.4	31.0	29.0	27.6	26.5
H	42.78	9.32	4.71	31.28	41.4	37.0	34.0	32.4	30.6	29.0	27.6	25.8
H	2.32	20.50	1.45	31.37	41.7	37.1	34.4	32.7	30.7	29.2	27.7	26.8
H	2.46	9.79	8.38	31.43	41.5	36.8	34.2	32.4	30.8	28.7	27.6	25.7
H	0.90	1.73	19.00	31.45	41.2	37.0	34.8	32.8	31.6	29.0	28.0	26.7
H	41.07	3.98	8.67	31.52	41.4	37.2	34.5	32.2	30.7	28.7	27.9	25.7
H	2.35	16.20	3.50	31.54	41.5	36.7	34.2	32.5	31.0	29.1	27.9	26.0
H	21.23	3.58	2.04	31.92	41.5	37.4	34.4	33.2	31.0	29.3	28.1	26.9
H	2.80	3.77	11.82	31.93	41.6	36.6	34.2	32.5	31.1	28.9	27.2	26.4
H	34.87	4.09	3.72	32.01	41.6	36.8	34.4	32.5	31.0	28.6	27.8	26.3
H	0.46	43.34	36.19	32.06	41.3	37.2	34.5	32.6	31.1	29.1	27.9	26.3
H	37.01	4.89	3.65	32.17	41.7	37.1	34.2	32.8	31.1	28.5	27.8	26.2
H	2.89	7.56	8.01	32.26	41.7	36.8	34.4	32.2	30.8	28.8	27.3	25.7
H	9.50	2.48	6.43	32.26	41.5	36.9	34.4	32.8	30.7	29.6	28.7	27.2
H	2.46	40.27	1.31	32.36	41.5	36.9	34.1	32.2	30.5	28.5	26.8	26.1
H	26.00	0.06	4.11	32.39	41.6	37.2	35.0	33.4	31.3	29.9	28.5	27.3
H	42.92	5.74	6.98	32.63	41.2	37.1	34.3	31.9	30.9	28.7	27.7	26.0
H	7.92	9.94	0.96	32.68	41.8	37.0	34.7	32.4	30.9	29.7	28.0	26.9
H	18.25	3.90	1.28	32.75	41.2	37.3	34.5	32.9	30.8	29.5	27.9	26.7
H	25.15	3.04	1.19	32.80	41.4	37.1	34.7	33.3	31.3	29.7	28.5	27.0
H	14.87	1.00	4.13	32.89	41.6	37.2	34.2	32.7	30.5	28.9	28.4	25.6
H	1.26	4.64	10.37	33.28	41.8	36.8	34.1	32.6	30.9	28.8	27.5	26.2
H	10.95	6.49	0.68	33.58	41.7	37.1	34.6	32.4	31.5	29.4	27.4	26.4
H	41.59	0.62	8.91	33.60	41.4	37.2	34.3	32.3	30.9	28.8	27.6	25.6
H	37.02	0.96	5.18	33.67	41.6	36.9	34.4	32.4	30.8	28.9	27.4	25.4
H	3.96	2.03	8.32	34.14	41.7	36.9	34.3	32.5	30.8	28.6	27.5	26.0

H	11.84	4.46	1.11	34.26	41.5	37.0	34.7	32.2	31.3	29.2	27.4	26.5
H	32.09	2.74	0.39	34.29	41.5	37.2	34.0	32.4	30.5	29.3	27.8	26.1
H	0.49	41.41	0.99	34.35	41.6	37.1	34.2	32.4	30.5	28.3	27.1	26.3
H	4.44	5.30	4.58	34.61	41.1	36.9	34.0	32.5	30.6	29.0	27.3	25.9
H	41.55	1.05	6.65	34.70	41.6	37.3	34.3	32.2	31.0	28.8	27.6	25.6
H	0.04	13.37	2.32	35.04	41.3	37.0	34.0	32.6	30.5	28.5	27.3	25.9
H	2.43	6.43	4.83	35.11	41.3	36.9	34.3	32.3	30.5	28.8	27.3	26.0
H	41.03	4.76	1.12	35.37	41.5	37.0	34.2	32.5	30.5	28.4	27.1	25.8
H	4.18	9.12	0.67	35.41	41.3	36.7	34.6	32.2	31.0	28.8	27.6	25.8
H	39.02	3.89	0.45	35.51	41.7	37.2	34.4	32.4	30.7	28.9	27.0	25.7
H	7.59	3.53	1.97	35.75	41.6	36.9	34.7	32.9	31.2	29.0	27.3	26.0
H	2.86	0.06	8.47	35.83	41.5	36.8	34.4	32.5	30.6	28.5	27.2	26.3
H	3.15	1.54	5.58	36.55	41.6	37.2	34.2	32.5	30.7	28.4	27.3	26.2
H	2.21	8.09	1.36	36.78	41.4	36.8	34.6	32.5	30.8	28.7	27.5	26.0
H	8.26	1.41	1.48	36.91	41.8	36.9	34.7	32.9	30.7	28.7	27.2	26.1
H	43.22	1.90	3.31	37.24	41.4	36.9	34.3	32.3	30.6	28.7	27.2	25.7
H	2.73	6.08	0.67	38.01	41.3	36.8	34.5	32.6	30.6	28.7	27.0	25.9
H	42.30	0.96	1.43	38.44	41.6	36.8	34.4	32.2	30.5	28.7	26.9	25.9
H	2.00	2.41	2.87	38.51	41.5	36.9	34.3	32.3	30.4	28.6	26.9	26.2
H	0.83	4.90	1.34	39.10	41.4	36.7	34.5	32.1	30.5	29.0	27.2	25.9

[a]distance to the nearest electron spin.

Table S14. MAS dependence of the MW on polarizations in the first TEKPol structure

	x / Å	y / Å	z / Å	d^a / Å	I_{on} 5 kHz	I_{on} 10 kHz	I_{on} 15 kHz	I_{on} 20 kHz	I_{on} 25 kHz	I_{on} 30 kHz	I_{on} 35 kHz	I_{on} 40 kHz
e	26.60	28.50	23.13									
e	20.91	18.40	26.50									
H	28.76	28.66	23.76	2.26	120.7	118.7	111.7	109.4	105.8	103.3	99.1	95.2
H	25.01	30.19	22.83	2.34	123.6	122.4	118.1	116.0	112.4	111.2	106.8	100.6
H	28.33	26.90	22.90	2.37	123.2	122.0	116.1	112.4	108.4	105.7	98.8	93.9
H	19.10	19.82	27.25	2.42	115.6	112.5	108.6	107.2	104.1	101.7	96.2	91.3
H	25.67	29.00	20.95	2.43	120.7	117.3	114.4	112.0	109.2	105.5	99.4	93.5
H	25.89	28.94	25.45	2.46	119.6	116.9	110.7	105.6	102.3	100.0	95.8	91.4
H	21.27	16.02	25.88	2.48	112.9	109.8	108.4	103.8	104.0	101.2	96.6	91.5
H	23.11	17.04	27.19	2.67	111.9	107.6	103.2	100.1	96.1	92.1	87.1	82.4
H	23.62	18.79	26.85	2.76	111.0	106.0	101.0	97.7	93.7	90.1	85.6	81.5
H	25.73	27.16	20.87	2.77	120.1	116.3	114.7	112.8	110.0	106.3	100.4	95.4
H	18.63	19.67	25.47	2.81	114.8	111.4	107.7	104.1	99.7	96.4	90.7	86.8
H	20.90	16.63	24.20	2.90	111.4	107.7	104.5	100.1	97.5	94.5	89.9	85.0
H	22.58	20.83	26.89	2.97	110.9	104.8	98.2	92.1	87.7	84.6	80.6	76.8
H	23.93	29.55	24.05	3.02	121.3	118.9	114.2	108.3	103.1	100.1	94.2	89.6
H	27.84	30.16	25.37	3.05	118.5	114.8	107.3	101.2	96.2	91.9	86.9	82.7
H	20.56	20.81	28.54	3.18	111.3	105.3	98.4	91.0	86.6	83.1	78.9	75.7
H	20.52	19.87	23.68	3.20	110.6	104.8	97.8	91.5	87.4	84.4	79.8	76.5
H	21.71	18.35	23.25	3.35	110.0	104.4	97.7	91.4	86.9	84.0	79.7	76.0
H	23.70	27.39	24.53	3.41	117.2	112.7	104.2	98.4	93.5	89.5	84.3	81.5
H	27.93	25.38	23.82	3.46	121.4	120.1	111.6	106.4	100.8	97.0	91.7	87.4
H	26.57	27.65	26.61	3.58	118.7	115.0	107.8	101.5	96.3	92.4	87.2	83.8
H	25.02	26.52	25.70	3.61	118.2	114.4	106.5	100.5	95.3	91.5	86.0	83.1
H	21.79	22.12	25.98	3.86	110.2	102.9	95.4	89.3	85.2	82.0	78.1	74.7
H	20.91	21.51	24.14	3.90	110.2	103.0	95.4	89.7	85.6	82.2	78.1	74.8
H	26.21	25.27	25.36	3.94	118.4	114.7	106.4	100.8	95.5	91.9	86.5	83.6
H	23.02	26.82	22.94	3.96	115.2	107.2	98.6	92.8	87.9	84.0	79.6	76.5
H	23.50	18.19	23.49	3.98	108.9	101.6	94.1	88.3	84.3	81.3	77.2	73.8
H	28.57	26.74	26.12	3.99	117.2	111.5	103.7	97.3	92.1	88.4	83.6	80.2
H	30.59	29.45	22.80	4.12	117.6	113.2	104.0	96.7	92.7	87.9	81.7	78.8
H	28.42	29.19	26.76	4.12	117.1	110.8	102.5	96.5	91.5	87.7	82.8	79.4
H	29.51	26.51	20.94	4.15	120.4	117.2	108.3	102.4	96.7	92.5	86.8	82.9
H	28.18	29.42	19.16	4.37	110.4	99.6	92.6	85.4	81.3	77.0	72.2	68.2
H	23.93	30.27	20.14	4.38	116.2	108.5	99.2	93.7	88.2	84.1	79.5	76.2

H	22.94	27.38	20.96	4.39	113.7	105.7	97.0	90.9	86.5	82.7	78.2	75.0
H	24.94	18.05	24.75	4.41	107.9	99.6	91.8	86.7	82.6	79.5	75.6	72.2
H	19.31	22.33	25.29	4.42	109.7	101.8	93.5	87.9	83.6	80.7	76.7	73.3
H	16.64	17.23	26.55	4.43	103.1	93.4	85.6	78.2	74.1	71.3	67.2	63.9
H	30.08	26.46	25.06	4.47	117.1	110.6	102.8	96.6	91.6	87.5	82.6	79.5
H	21.45	22.40	28.52	4.51	110.0	102.2	95.2	88.4	84.1	80.9	76.9	73.6
H	22.88	31.03	22.16	4.60	116.9	108.4	99.4	93.9	88.9	84.0	79.7	76.7
H	18.73	22.07	28.33	4.64	110.5	102.7	94.6	88.7	84.0	81.0	76.9	73.6
H	22.70	14.54	24.62	4.65	107.2	98.7	89.6	84.9	80.6	77.9	73.8	70.7
H	22.86	15.67	23.22	4.69	106.8	98.3	89.3	84.9	80.6	77.7	73.9	70.8
H	21.99	29.42	22.47	4.74	116.7	108.4	99.5	93.7	88.9	84.3	79.8	76.6
H	23.77	27.83	19.36	4.76	113.9	106.0	96.7	90.6	86.4	82.3	78.3	74.9
H	17.74	21.94	26.18	4.76	109.2	101.4	93.4	87.7	83.3	80.5	76.5	73.0
H	25.56	17.10	26.22	4.83	106.5	98.4	90.6	85.4	81.3	78.5	74.8	71.4
H	24.49	18.66	30.09	5.07	103.0	93.9	84.9	79.1	74.9	72.3	68.3	65.0
H	24.66	15.11	25.51	5.08	106.3	98.1	89.6	84.7	80.3	78.0	74.1	70.6
H	22.45	22.81	24.32	5.15	109.4	101.5	94.0	88.1	84.2	81.1	77.2	73.6
H	20.23	13.72	24.09	5.31	102.5	94.0	85.2	80.2	76.4	73.7	69.7	66.5
H	21.59	26.42	22.55	5.45	112.7	104.1	96.0	90.0	85.8	82.2	78.1	75.0
H	22.75	28.82	27.12	5.55	107.2	96.0	87.9	82.6	78.7	75.9	71.4	68.4
H	24.07	23.96	21.11	5.57	107.3	98.9	91.6	85.8	82.1	78.8	75.5	72.1
H	23.91	20.83	30.55	5.59	103.7	94.1	85.5	79.6	75.2	72.7	69.0	65.3
H	30.72	28.54	27.09	5.71	104.3	96.0	88.3	82.4	79.0	75.2	70.8	68.2
H	25.65	23.05	21.45	5.78	107.0	98.6	91.2	85.5	82.0	78.7	75.1	71.9
H	25.20	20.76	23.26	5.87	106.4	98.0	90.5	85.5	81.5	78.5	74.7	72.1
H	23.92	15.85	22.05	5.95	106.2	97.5	88.7	84.5	80.1	77.3	73.5	70.4
H	21.13	20.20	20.60	6.18	106.0	97.9	90.2	84.8	81.1	78.0	74.4	71.3
H	28.26	22.58	22.06	6.24	105.6	97.5	90.1	84.6	81.4	78.3	74.6	71.1
H	21.13	24.23	28.83	6.28	107.6	99.3	92.7	85.9	81.7	78.9	74.9	71.4
H	27.53	29.44	16.98	6.29	108.0	97.6	90.8	83.8	79.6	75.5	71.0	67.2
H	21.36	27.69	19.69	6.31	109.2	101.0	93.0	87.3	83.0	79.7	75.5	72.8
H	14.67	17.76	25.54	6.34	100.9	92.0	84.4	77.5	73.3	70.5	66.3	63.2
H	17.85	23.95	26.03	6.35	107.1	99.3	91.4	85.9	81.9	78.5	74.8	71.6
H	25.63	22.29	24.22	6.37	106.6	98.3	90.8	85.5	81.8	78.9	75.0	72.2
H	16.31	14.04	25.67	6.39	97.7	89.1	80.9	75.1	71.0	67.8	64.3	60.8
H	22.22	23.82	22.82	6.41	108.7	100.5	92.8	86.9	83.2	80.3	76.4	73.1
H	31.08	25.42	19.63	6.47	98.0	89.1	83.0	77.5	73.6	70.6	67.3	64.5
H	22.37	18.33	20.18	6.49	105.7	97.2	89.6	84.3	80.4	77.6	73.5	70.9
H	30.92	33.27	24.29	6.55	96.9	88.8	81.0	75.4	71.7	69.1	64.7	61.4
H	16.22	19.05	21.97	6.56	99.2	90.4	83.4	77.6	73.8	71.1	66.8	64.9
H	32.87	30.41	22.95	6.56	96.7	88.8	81.5	76.0	72.9	69.5	66.1	63.4
H	30.42	31.84	18.93	6.59	98.3	89.9	81.6	75.8	71.9	68.9	65.0	61.8
H	24.16	20.90	21.33	6.60	106.3	97.9	90.3	85.1	81.4	78.7	74.8	71.8
H	22.57	31.66	18.88	6.66	101.7	93.6	86.5	81.1	77.2	74.3	70.5	67.3
H	23.84	12.74	28.45	6.67	99.0	91.1	83.5	78.2	74.0	71.1	68.2	64.8
H	24.16	34.72	22.36	6.73	100.9	92.4	85.2	79.7	75.4	72.2	68.5	65.0
H	27.06	16.00	25.02	6.77	102.9	95.7	87.2	82.8	78.4	76.0	72.3	69.3
H	27.28	20.31	25.17	6.78	104.4	96.5	88.7	83.8	80.2	77.4	73.7	71.0
H	23.09	11.91	26.45	6.84	98.9	91.3	83.6	78.6	74.1	71.5	68.2	65.2
H	26.17	15.87	30.18	6.89	97.1	88.7	80.5	74.8	71.4	67.9	64.2	61.2
H	22.84	22.06	20.92	6.94	106.2	97.7	90.3	85.1	81.4	78.6	74.9	71.7
H	27.99	22.52	19.84	6.97	105.2	97.5	89.5	84.5	81.2	77.9	74.3	71.0
H	18.47	13.07	22.71	6.98	98.8	90.5	82.3	77.5	73.6	71.0	67.6	64.5
H	23.66	34.15	20.21	7.01	100.7	92.4	85.7	79.7	75.4	72.2	68.8	65.1
H	27.87	35.10	25.26	7.05	96.7	87.9	80.1	74.6	71.0	68.3	64.0	60.9
H	21.52	14.51	32.38	7.08	94.6	86.3	78.8	72.9	69.0	65.4	61.7	58.5
H	22.31	30.78	28.34	7.12	104.2	94.0	86.2	81.0	76.8	73.9	69.8	66.9
H	28.48	35.41	23.08	7.16	96.8	87.8	80.3	74.8	71.3	68.3	64.2	61.1
H	20.82	32.70	24.02	7.20	98.6	90.5	83.5	78.7	74.8	72.8	68.7	64.8
H	16.78	15.87	31.97	7.30	94.1	86.2	78.7	72.7	68.4	65.5	61.7	57.7
H	29.63	27.18	29.72	7.37	99.5	90.9	83.3	77.9	74.9	71.3	67.1	65.0
H	18.19	17.14	19.76	7.38	96.4	88.8	81.0	75.6	72.4	69.7	66.0	63.2

H	17.21	23.90	23.24	7.39	106.8	98.5	90.4	84.6	81.3	78.0	74.4	71.0
H	20.26	24.58	22.48	7.40	108.6	100.2	92.1	86.6	83.0	79.7	75.9	73.1
H	22.44	25.11	18.00	7.42	103.2	95.1	87.1	82.0	78.5	76.1	72.3	69.3
H	25.44	16.77	32.17	7.44	96.7	88.5	80.5	74.6	71.2	67.6	64.1	60.9
H	31.17	24.48	27.50	7.49	98.1	89.6	82.3	76.5	74.2	70.8	67.3	64.3
H	31.12	33.70	20.13	7.52	97.8	89.4	81.4	75.4	71.6	68.7	64.9	61.5
H	28.07	30.08	30.36	7.55	100.1	91.3	83.5	77.3	74.0	71.4	67.5	64.9
H	16.35	12.71	28.45	7.55	95.6	87.2	79.0	73.4	69.6	66.1	62.5	59.2
H	30.01	30.91	29.53	7.64	99.9	91.3	83.6	77.5	74.2	71.4	67.3	64.7
H	33.16	29.14	27.13	7.71	97.2	89.6	82.4	77.0	74.1	71.0	67.5	64.9
H	17.90	23.20	21.22	7.74	106.5	98.2	90.3	84.5	81.2	77.8	74.4	71.3
H	20.21	21.70	33.48	7.76	97.0	88.8	81.3	75.7	71.5	68.3	64.9	61.2
H	15.12	21.84	30.39	7.78	95.7	88.2	80.7	75.7	71.6	69.1	64.8	62.0
H	23.41	22.49	19.31	7.80	106.1	97.6	90.0	84.9	81.1	78.3	74.7	71.6
H	25.48	34.79	27.70	7.85	95.4	87.5	79.7	74.2	71.1	67.9	63.7	60.9
H	20.30	12.65	31.83	7.86	94.8	86.3	78.2	72.8	69.2	65.6	61.7	58.4
H	33.92	30.63	25.22	7.90	96.6	88.5	81.3	76.1	72.7	69.8	66.3	63.6
H	22.74	18.24	34.27	7.98	95.1	86.6	78.9	73.5	69.5	66.0	62.0	58.5
H	19.46	27.74	27.00	8.15	102.6	94.6	87.2	82.4	78.7	76.0	72.4	69.1
H	26.61	13.17	23.73	8.22	98.5	90.9	83.2	79.0	75.5	73.3	69.3	66.5
H	15.68	24.39	28.76	8.27	97.0	89.5	82.4	77.5	73.6	71.2	67.6	64.8
H	25.66	15.65	20.30	8.28	100.9	93.0	85.4	81.3	77.8	75.5	71.8	68.8
H	14.43	20.50	21.54	8.43	98.7	90.4	82.9	77.7	73.7	71.2	66.8	64.8
H	15.54	20.22	32.77	8.45	94.9	87.1	79.7	74.3	70.3	67.3	63.3	60.5
H	34.59	30.12	20.73	8.50	95.8	87.9	80.5	75.0	71.5	68.8	65.0	62.4
H	19.83	24.56	32.34	8.55	98.7	90.3	82.6	77.2	73.5	70.3	66.9	64.0
H	32.24	34.94	23.44	8.57	96.6	88.6	80.9	75.2	71.7	68.9	64.5	61.5
H	17.85	26.39	25.78	8.59	103.4	95.4	87.7	83.1	79.6	76.4	73.1	69.9
H	33.55	23.43	22.59	8.62	95.9	87.7	81.2	76.1	72.5	69.7	65.8	63.1
H	17.72	14.57	33.58	8.66	93.8	86.2	78.5	72.6	68.3	65.2	61.6	57.9
H	24.20	31.02	15.18	8.68	97.1	88.9	82.3	76.9	72.9	70.2	66.4	63.3
H	20.51	26.69	29.21	8.73	103.1	94.9	87.3	82.5	78.7	76.3	72.2	69.0
H	29.13	19.74	23.88	8.73	103.8	95.5	87.9	83.2	79.9	76.9	73.1	70.5
H	18.90	28.20	18.97	8.76	100.0	92.3	85.1	80.8	77.7	75.0	71.1	68.6
H	22.92	29.16	15.14	8.82	97.0	89.2	82.3	77.2	73.1	70.3	66.4	63.6
H	34.20	25.17	26.24	8.86	95.8	87.8	80.7	75.7	72.7	69.5	66.1	63.0
H	21.00	17.10	35.27	8.86	94.6	86.6	78.8	73.3	69.1	65.8	62.0	58.5
H	30.39	22.76	28.73	8.86	97.5	89.5	82.2	76.4	74.0	70.6	67.3	64.3
H	28.58	26.00	31.41	8.87	98.8	90.3	82.8	77.5	74.4	70.9	66.8	64.8
H	28.81	16.01	23.18	8.89	100.7	92.6	85.4	81.3	77.3	74.8	71.5	68.5
H	25.93	11.23	24.65	8.94	98.1	90.6	83.2	78.3	75.0	72.6	68.7	65.9
H	20.53	32.01	17.47	9.01	99.3	91.2	84.1	79.5	75.8	73.0	68.9	66.3
H	28.28	34.30	16.41	9.04	94.1	86.3	78.7	73.2	68.8	66.2	62.4	58.8
H	19.25	33.74	22.66	9.04	97.7	89.9	83.1	78.4	74.6	72.1	68.1	64.5
H	23.94	27.17	31.67	9.04	96.3	87.9	80.6	75.4	71.8	69.3	65.7	62.8
H	33.43	23.87	19.43	9.04	96.2	87.8	81.4	76.1	72.4	69.7	66.1	63.4
H	35.44	30.39	23.17	9.05	96.0	87.9	80.8	75.3	72.1	69.2	65.5	62.5
H	18.45	10.25	23.04	9.19	95.9	87.9	80.5	75.9	72.2	69.1	65.8	62.6
H	33.25	22.33	25.48	9.37	96.2	88.3	81.2	76.1	72.7	69.6	66.4	63.4
H	34.19	25.76	18.37	9.37	96.1	87.6	81.4	76.3	72.0	69.4	66.0	63.3
H	13.68	24.26	25.41	9.37	95.6	88.5	81.6	77.1	73.5	71.1	67.1	64.2
H	18.45	16.26	17.69	9.39	96.4	88.1	80.7	75.4	72.1	69.3	65.9	62.8
H	27.98	15.55	20.95	9.44	100.3	92.4	85.1	80.9	77.0	74.7	71.2	68.1
H	25.60	19.16	18.34	9.44	97.4	90.5	83.3	78.9	75.6	73.5	69.8	67.9
H	24.54	11.62	20.91	9.51	96.1	88.3	81.6	76.5	73.3	70.8	66.9	63.8
H	18.58	30.62	18.46	9.52	99.4	91.6	84.4	79.9	76.5	73.8	70.0	66.9
H	26.35	37.14	27.27	9.58	95.1	87.3	79.9	74.1	70.9	67.9	63.7	60.7
H	16.15	19.37	34.82	9.63	94.8	86.9	79.8	74.1	70.1	67.3	63.2	59.8
H	19.42	25.07	17.67	9.65	99.7	92.1	84.8	80.1	77.2	74.5	71.0	68.0
H	22.59	36.28	27.33	9.71	95.0	87.2	79.7	74.3	70.8	67.9	64.0	60.8
H	29.62	14.93	29.09	9.72	95.1	87.8	79.9	75.0	71.3	68.5	64.7	61.6
H	20.90	23.66	16.72	9.85	99.7	91.9	84.9	79.9	77.0	74.5	70.8	67.8

H	21.88	34.86	28.98	9.85	94.8	87.2	80.0	74.5	70.9	67.9	64.2	60.8
H	11.81	17.64	22.75	9.87	94.2	86.2	79.1	73.8	69.4	67.2	63.0	59.6
H	12.33	15.45	22.27	10.01	94.4	86.0	78.7	73.7	69.3	66.5	62.7	59.4
H	27.62	13.80	32.35	10.02	94.4	85.6	78.4	72.8	68.9	65.6	61.7	58.5
H	11.15	19.92	28.21	10.03	94.2	87.2	79.5	74.3	69.9	67.1	63.1	59.8
H	35.55	30.77	27.26	10.11	95.5	88.0	81.0	75.9	72.6	69.6	66.0	63.6
H	21.97	10.24	32.41	10.12	94.7	85.9	78.3	72.8	69.0	65.4	61.5	58.4
H	29.07	21.72	31.51	10.13	95.5	87.0	80.0	75.0	72.2	69.0	65.5	62.6
H	35.15	28.87	28.61	10.17	95.5	87.8	80.6	75.7	72.4	69.6	66.1	63.1
H	11.20	21.48	26.54	10.19	94.4	87.1	79.7	74.5	70.1	67.2	63.1	60.0
H	17.79	11.56	19.63	10.19	95.2	87.4	80.3	75.0	71.2	68.6	64.7	61.8
H	23.33	8.65	28.39	10.22	95.6	88.1	80.5	75.7	71.6	69.2	65.1	62.1
H	24.94	25.47	13.48	10.25	96.9	89.0	81.5	76.7	73.5	70.4	66.4	63.3
H	22.00	30.03	32.25	10.33	95.6	87.2	80.4	74.8	71.3	69.0	65.3	62.3
H	16.83	30.52	25.90	10.35	99.1	92.2	84.7	80.2	76.5	73.8	70.4	67.0
H	30.41	19.76	19.08	10.36	97.4	90.4	84.1	79.7	76.4	73.6	70.0	66.8
H	23.45	23.97	14.35	10.37	97.1	89.3	81.8	77.0	74.1	70.7	67.0	63.8
H	34.03	33.44	17.83	10.37	94.3	86.7	78.7	73.8	69.9	66.9	62.9	59.8
H	14.08	12.20	31.28	10.39	93.7	85.1	77.3	71.9	67.6	64.1	60.0	56.4
H	24.85	8.79	26.71	10.39	95.7	87.8	80.4	75.8	71.8	69.2	65.2	62.6
H	26.65	35.66	15.58	10.41	94.2	86.2	78.7	73.1	69.0	66.0	62.4	58.6
H	21.57	22.19	36.33	10.56	94.7	86.5	79.2	74.1	70.1	67.0	63.4	59.9
H	26.52	33.52	32.47	10.61	95.0	86.7	79.2	73.6	70.1	67.5	63.7	60.5
H	13.08	25.54	27.21	10.62	95.6	88.6	81.7	76.8	73.2	71.0	66.7	63.7
H	19.76	9.81	32.64	10.62	94.9	86.1	78.2	72.9	68.8	65.2	61.7	58.5
H	12.90	13.04	22.03	10.62	94.1	86.3	78.8	73.2	68.9	66.0	62.0	58.8
H	23.31	38.17	20.18	10.63	94.0	86.6	79.1	73.6	69.7	66.8	62.7	59.4
H	27.95	22.72	33.25	10.66	95.4	87.1	80.1	74.8	72.0	69.0	65.4	62.5
H	31.17	15.21	26.45	10.74	95.4	88.2	80.8	76.3	72.4	69.7	65.9	62.7
H	24.12	38.94	22.39	10.76	94.0	86.5	78.8	73.4	69.7	66.7	62.6	59.3
H	22.48	32.27	32.33	10.76	95.5	87.3	80.3	74.8	71.1	68.4	65.0	62.0
H	11.41	14.96	30.35	10.81	93.4	85.3	77.7	71.8	67.6	64.2	59.7	56.4
H	25.11	35.10	31.57	10.82	94.9	86.8	79.1	73.7	70.0	67.4	63.5	60.6
H	11.88	12.48	25.51	10.85	93.9	85.7	78.2	72.3	67.9	64.7	60.9	57.6
H	16.63	28.86	27.49	10.89	99.3	92.2	84.9	80.2	76.8	74.3	70.5	67.2
H	30.57	23.68	14.16	10.93	94.0	86.3	78.8	73.7	69.6	66.3	62.4	59.0
H	36.50	24.91	26.10	10.94	95.4	87.5	80.7	75.4	72.0	69.5	65.8	62.9
H	36.02	31.03	18.16	10.95	94.4	86.7	79.0	74.2	70.2	66.9	63.3	60.1
H	28.53	39.29	23.30	10.97	94.0	86.0	78.4	73.3	68.9	65.7	61.3	58.3
H	19.45	8.27	22.42	11.02	95.5	87.8	80.4	75.7	71.7	68.7	65.3	62.2
H	31.09	25.76	13.45	11.02	94.0	86.0	78.9	73.3	69.4	66.3	62.1	58.9
H	26.69	9.80	30.53	11.12	93.9	86.7	78.7	73.6	69.3	66.4	62.0	59.0
H	33.31	34.22	29.94	11.14	94.6	86.8	79.2	73.7	70.3	67.2	63.4	60.2
H	29.94	32.84	13.35	11.22	93.9	85.9	78.1	72.5	68.4	65.4	61.5	57.9
H	23.59	10.31	19.13	11.27	95.8	88.0	81.5	76.3	72.6	69.9	66.0	62.9
H	17.31	16.89	37.10	11.30	93.8	86.4	78.7	72.6	68.6	65.6	61.1	57.6
H	26.56	11.13	19.95	11.30	96.1	88.1	81.7	76.7	73.3	70.5	67.0	63.6
H	37.62	31.01	22.88	11.31	94.9	87.5	80.2	75.1	72.0	68.5	65.0	62.2
H	15.16	26.78	31.45	11.31	95.1	87.7	80.8	75.6	71.5	68.9	64.6	61.8
H	35.00	33.92	28.48	11.34	94.7	86.9	79.4	74.2	70.7	67.5	63.6	60.3
H	17.87	22.42	16.34	11.35	95.8	89.0	82.0	77.4	74.2	71.5	67.9	64.9
H	36.23	22.78	20.95	11.41	94.9	87.4	80.7	75.6	71.6	68.8	64.8	61.9
H	24.47	24.70	35.33	11.42	95.2	86.8	80.0	74.8	70.8	68.4	64.9	61.7
H	11.00	16.48	31.98	11.49	93.3	85.2	77.4	72.1	67.4	64.0	59.6	56.2
H	20.53	31.70	13.92	11.49	95.1	87.6	80.8	75.8	72.0	68.7	64.9	61.6
H	32.55	35.66	16.36	11.52	94.2	86.5	78.4	73.3	69.4	66.2	62.1	58.8
H	27.29	30.45	11.80	11.52	94.1	85.9	78.6	73.8	69.5	66.3	61.8	58.5
H	26.15	18.38	16.23	11.54	97.0	90.3	83.1	78.7	75.1	72.9	69.3	67.3
H	18.47	36.65	23.86	11.54	95.1	88.0	80.7	76.0	72.3	69.0	64.8	61.3
H	31.65	19.42	30.61	11.54	94.5	86.5	79.1	74.2	70.0	67.2	63.7	60.1
H	20.25	10.10	18.50	11.55	95.6	87.6	80.9	75.5	72.0	68.9	65.4	62.4
H	17.41	7.33	26.24	11.61	94.1	85.6	77.8	72.9	68.1	65.0	60.5	57.0

H	11.15	22.97	30.84	11.62	94.3	87.0	79.4	74.2	70.4	67.3	63.3	59.8
H	34.87	28.07	31.37	11.68	94.6	87.1	79.8	74.5	71.0	68.0	64.3	61.1
H	12.47	11.02	23.04	11.73	94.2	86.1	78.4	73.1	68.9	65.5	61.5	58.2
H	30.46	17.54	19.66	11.78	97.5	90.4	84.1	79.6	76.0	73.4	70.1	66.8
H	27.65	12.79	34.39	11.80	94.2	85.8	78.0	72.6	68.6	65.3	61.5	57.6
H	22.25	27.98	34.10	11.81	95.6	87.1	80.3	74.9	71.3	68.8	65.1	62.3
H	16.30	28.09	17.36	11.81	95.0	88.7	81.7	76.8	73.0	70.4	66.6	63.2
H	21.89	13.55	37.31	11.89	94.0	85.5	77.3	71.7	67.6	63.9	59.5	56.3
H	34.14	24.93	31.69	11.95	94.3	86.4	79.1	73.6	70.1	66.8	63.2	59.8
H	16.04	12.53	17.28	11.97	94.7	86.9	79.7	74.3	70.6	67.5	63.5	60.2
H	11.69	10.76	27.03	11.98	94.0	85.9	77.7	72.5	67.9	64.4	60.8	56.9
H	22.11	33.10	12.96	12.03	94.8	87.6	80.4	75.4	71.5	68.4	64.4	60.8
H	26.67	24.98	34.78	12.04	95.0	87.2	80.2	74.7	71.0	68.5	64.8	61.4
H	21.10	16.07	14.67	12.06	94.9	87.2	80.1	75.1	70.8	68.3	64.4	60.9
H	31.67	30.22	34.02	12.13	93.8	86.0	78.8	73.3	69.3	66.6	62.1	58.9
H	32.11	37.58	29.06	12.17	94.2	85.5	77.8	72.4	68.1	64.6	60.6	57.0
H	25.16	18.80	37.90	12.17	93.6	85.5	77.7	71.7	68.1	65.0	60.2	57.7
H	32.01	31.73	12.68	12.21	93.9	85.9	78.1	72.4	68.3	65.3	61.0	57.7
H	11.50	25.19	30.30	12.21	94.3	87.2	79.8	74.5	70.7	67.5	63.8	60.1
H	17.23	6.89	28.50	12.25	93.8	85.7	77.9	72.5	68.1	64.9	60.3	57.1
H	26.33	40.42	20.22	12.28	93.9	86.2	78.6	73.1	69.0	65.5	61.5	58.1
H	17.65	34.32	16.96	12.33	94.9	87.8	80.8	75.8	72.1	69.0	64.5	61.2
H	18.23	18.38	38.56	12.35	93.8	86.4	78.5	72.7	68.5	65.8	60.9	57.4
H	15.98	23.69	16.46	12.37	95.7	88.7	81.6	77.1	73.8	71.0	67.0	64.1
H	22.23	21.53	38.41	12.38	94.8	86.3	79.1	73.6	70.1	66.6	63.1	59.7
H	18.80	36.26	17.43	12.39	94.8	87.5	80.6	75.9	71.8	68.9	64.4	61.0
H	15.87	34.76	22.67	12.43	94.8	87.5	80.5	75.5	71.3	68.5	64.2	60.5
H	22.50	10.37	17.13	12.44	95.8	87.9	81.3	75.8	72.5	69.6	65.8	62.5
H	29.06	29.32	10.94	12.46	94.0	85.9	78.7	73.7	69.4	66.1	62.0	58.5
H	29.93	13.76	19.20	12.50	95.9	88.9	82.2	77.8	73.7	70.9	67.4	63.6
H	33.65	30.14	12.93	12.51	93.8	85.9	78.0	72.6	68.3	65.4	60.7	57.6
H	24.66	31.03	35.23	12.51	94.7	86.5	79.4	73.6	70.2	66.9	63.6	59.9
H	25.72	14.64	37.43	12.52	93.7	85.3	77.6	71.3	67.2	64.1	59.4	55.9
H	13.64	8.33	28.45	12.57	93.9	85.3	77.5	71.5	67.0	63.9	59.3	56.0
H	12.84	11.10	32.86	12.60	93.5	85.1	77.4	71.7	67.1	64.0	59.5	56.1
H	23.25	38.76	16.59	12.63	94.0	86.3	78.4	72.7	68.7	65.1	61.7	57.8
H	31.13	39.31	27.85	12.64	94.1	85.6	77.8	72.4	68.0	64.5	60.5	57.0
H	11.96	18.43	17.57	12.64	94.2	86.7	79.2	72.9	69.3	65.9	61.5	58.3
H	18.22	35.41	29.62	12.65	94.4	87.0	79.1	73.9	70.0	66.8	62.5	59.1
H	29.66	35.91	13.33	12.67	93.9	85.8	78.1	72.8	68.4	65.2	61.1	57.5
H	28.72	21.89	12.52	12.68	94.1	86.5	78.9	73.7	70.3	66.8	62.6	59.3
H	32.99	16.30	23.27	12.68	95.0	88.2	80.8	76.3	72.6	69.5	65.1	62.1
H	16.70	23.95	37.12	12.70	93.8	85.8	78.0	72.4	67.9	64.5	60.4	57.3
H	21.96	40.07	25.55	12.70	94.0	86.4	78.6	73.1	68.6	65.7	61.3	58.1
H	15.06	18.56	15.22	12.71	94.7	87.4	79.7	75.2	71.2	67.7	64.0	60.6
H	13.74	8.75	30.72	12.74	93.9	85.3	77.1	71.5	67.0	64.0	59.3	56.0
H	20.79	39.46	20.16	12.76	94.0	86.8	79.1	73.5	69.4	66.3	62.1	58.5
H	14.76	8.50	21.23	12.79	93.8	86.0	78.2	73.0	68.3	65.3	61.1	57.2
H	15.96	28.57	32.61	12.86	95.0	87.3	80.2	75.4	71.3	68.5	64.2	61.4
H	17.07	13.27	15.35	12.86	94.5	86.9	79.7	74.3	70.5	67.3	63.2	60.0
H	36.31	36.98	23.23	12.89	93.1	85.1	77.3	71.9	66.9	63.0	59.1	55.1
H	37.35	30.78	16.37	12.90	94.3	86.5	78.9	73.7	69.8	66.9	63.2	59.5
H	28.43	41.27	22.13	12.94	94.0	85.8	78.4	73.4	68.6	65.8	61.3	58.1
H	31.10	15.59	33.99	12.95	93.5	85.3	77.8	71.8	67.3	63.8	59.5	55.8
H	21.67	6.44	21.48	12.99	95.1	87.4	79.9	75.1	71.3	68.1	63.9	60.8
H	35.61	29.92	32.46	13.04	94.6	86.7	79.5	74.6	71.0	67.7	64.1	60.8
H	33.58	18.62	29.64	13.06	94.6	86.7	78.8	74.1	69.9	66.9	63.5	60.0
H	23.86	6.92	21.01	13.07	95.1	87.6	80.0	75.2	71.0	67.9	64.0	60.8
H	31.05	10.59	29.18	13.08	94.0	86.0	78.1	73.2	69.0	65.6	60.6	57.6
H	26.25	40.15	17.19	13.09	93.7	86.1	78.1	72.8	68.4	65.1	60.9	57.3
H	29.13	19.31	14.15	13.09	94.3	87.2	80.0	74.8	71.0	68.2	63.7	60.8
H	7.98	20.23	25.51	13.10	94.0	86.1	79.1	72.8	68.6	65.1	61.3	57.6

H	26.77	7.63	31.12	13.10	93.9	86.6	78.9	73.6	69.4	66.5	62.1	58.6
H	20.26	17.73	13.34	13.19	94.8	87.1	79.8	74.8	71.1	67.8	64.3	60.6
H	25.24	15.45	14.39	13.19	94.7	87.7	80.5	75.4	71.7	68.6	64.6	61.2
H	37.57	22.23	19.15	13.24	94.8	87.2	80.2	75.4	71.1	68.4	64.6	61.6
H	13.52	15.20	37.04	13.26	93.6	85.9	77.5	71.6	67.6	63.9	59.5	55.6
H	17.58	37.97	25.54	13.30	94.8	87.9	80.5	75.5	71.8	68.8	64.3	61.0
H	12.56	28.72	27.63	13.32	95.0	88.2	80.9	76.1	72.4	69.3	65.0	62.2
H	8.34	14.11	27.83	13.35	93.3	85.1	77.4	71.3	66.6	63.5	59.2	55.2
H	34.26	24.09	13.09	13.38	93.8	85.7	78.3	72.5	67.8	64.5	60.4	56.5
H	32.63	40.27	21.13	13.38	93.5	85.8	77.8	71.3	67.7	63.7	59.1	55.5
H	16.27	35.30	28.37	13.43	94.5	86.8	79.1	74.1	69.9	66.9	62.4	59.0
H	30.86	9.59	24.15	13.49	94.1	86.3	78.7	73.7	68.8	66.0	61.1	57.8
H	18.83	10.64	37.39	13.53	93.4	85.3	76.8	70.8	66.6	63.2	58.3	54.7
H	39.02	28.41	28.56	13.56	94.1	86.6	79.2	73.7	69.5	66.3	62.3	58.8
H	39.87	27.98	20.33	13.57	94.1	86.6	79.2	73.3	68.9	65.6	61.8	58.5
H	18.95	23.37	13.12	13.60	94.8	88.1	81.0	76.6	73.1	70.1	66.0	62.9
H	14.76	20.88	14.55	13.67	94.7	87.6	80.0	75.3	71.4	68.2	64.2	60.5
H	16.75	10.08	36.55	13.70	93.3	85.3	76.9	70.8	66.7	63.0	58.2	54.4
H	32.02	32.11	35.21	13.73	93.7	86.0	78.5	73.1	69.3	66.3	62.1	58.9
H	40.30	27.88	22.60	13.73	94.0	86.6	79.1	73.5	68.7	65.6	61.7	58.4
H	15.32	35.15	19.01	13.73	94.6	87.4	80.2	75.1	71.0	67.8	63.4	60.4
H	25.79	10.71	36.85	13.79	93.6	85.4	77.8	71.7	67.6	63.8	59.6	55.9
H	22.46	31.96	10.44	13.79	94.4	87.0	79.5	74.4	70.3	67.0	62.8	59.0
H	22.07	13.99	39.54	13.81	94.0	85.2	77.0	71.6	67.7	63.7	59.3	56.1
H	11.01	19.35	36.10	13.82	93.7	85.1	77.1	71.4	66.8	63.8	58.6	55.5
H	23.27	26.36	9.83	13.88	94.5	86.9	79.5	74.1	70.3	66.5	62.3	59.0
H	18.17	25.29	38.24	13.89	93.8	85.5	78.0	72.4	68.0	64.5	60.5	57.1
H	14.98	28.03	15.51	13.91	95.0	88.5	81.0	76.0	72.6	69.8	65.9	62.2
H	23.52	36.26	12.01	13.91	94.1	86.3	78.8	73.1	68.6	65.3	60.9	57.0
H	8.41	21.46	21.22	13.91	93.9	86.2	78.5	73.2	69.1	65.1	61.4	57.2
H	13.88	34.18	23.56	13.93	94.8	87.4	80.7	75.4	71.0	68.0	64.1	60.6
H	11.43	26.28	19.93	13.97	94.4	86.7	79.4	73.8	70.1	66.2	62.4	58.7
H	28.37	23.33	10.24	14.00	93.9	86.3	78.9	73.5	69.8	66.3	62.1	58.5
H	25.51	29.91	37.03	14.01	94.8	86.6	79.4	73.6	70.1	66.7	63.1	59.7
H	39.05	22.17	24.44	14.03	94.4	86.4	78.6	73.3	68.9	65.7	61.5	58.3
H	25.68	36.03	11.30	14.05	94.0	86.1	78.4	73.0	68.7	65.2	60.7	57.1
H	8.62	23.70	22.22	14.06	93.9	86.3	78.8	73.0	68.9	65.2	61.3	57.3
H	23.16	36.08	34.46	14.06	94.3	85.9	78.3	72.4	68.0	65.1	60.7	57.7
H	8.67	19.54	33.34	14.07	93.5	85.3	77.3	71.5	66.8	63.6	58.7	55.5
H	30.26	36.50	34.16	14.11	93.5	85.3	77.2	71.4	67.1	63.3	58.8	55.5
H	29.87	39.69	15.17	14.12	93.8	85.4	77.3	71.6	67.3	63.4	58.7	55.0
H	7.87	13.01	25.90	14.13	93.4	85.2	77.7	71.2	66.8	63.3	59.5	55.4
H	10.98	25.15	33.97	14.14	93.9	86.3	78.4	72.5	68.9	65.3	61.3	57.0
H	12.71	24.19	16.51	14.16	94.5	87.3	79.8	74.7	71.0	67.5	63.2	60.1
H	35.83	24.66	33.23	14.21	94.4	86.5	79.0	73.5	69.9	66.8	62.9	59.6
H	38.03	23.55	30.14	14.29	94.1	86.3	78.3	72.9	68.4	65.3	60.8	57.7
H	18.56	39.96	20.11	14.32	93.9	86.6	78.9	73.2	69.2	66.0	61.6	58.1
H	32.89	23.97	35.18	14.33	94.2	86.0	78.7	73.1	69.4	65.9	61.8	58.2
H	26.70	18.52	39.61	14.33	93.6	85.6	77.8	71.6	68.1	64.7	59.8	57.3
H	32.53	21.44	34.35	14.35	94.2	85.9	78.8	73.3	69.2	66.0	61.8	58.4
H	31.59	8.88	27.72	14.36	93.9	86.0	78.4	73.4	68.8	65.9	60.8	57.6
H	26.62	5.89	22.37	14.36	94.4	86.6	78.9	73.9	69.7	66.4	61.9	59.1
H	31.01	15.53	36.31	14.37	93.4	85.5	77.8	71.7	67.3	63.7	59.1	55.5
H	20.93	41.06	27.36	14.42	94.0	86.5	78.5	73.0	68.7	65.9	61.1	58.1
H	39.00	34.09	18.33	14.42	93.7	85.6	77.6	72.1	67.8	63.8	59.6	55.8
H	28.04	10.79	36.47	14.43	93.7	85.6	77.7	71.7	67.5	64.1	59.9	56.2
H	24.92	4.59	27.68	14.43	93.8	86.2	78.5	72.7	67.8	65.1	60.7	57.8
H	34.88	16.72	22.03	14.44	94.9	87.9	80.7	76.1	72.3	69.1	65.1	61.9
H	10.66	16.94	16.43	14.44	94.1	86.3	79.0	72.7	69.1	65.5	61.4	58.2
H	22.17	21.26	11.44	14.45	94.3	87.3	79.6	74.6	71.0	67.3	63.1	59.8
H	10.18	23.22	34.95	14.48	93.9	85.9	78.3	72.7	68.3	65.0	61.1	57.0
H	40.64	30.28	26.71	14.60	93.9	86.4	78.7	73.4	68.9	65.4	61.4	58.1

H	31.64	12.31	18.68	14.61	95.8	88.7	81.8	77.2	73.2	70.3	66.9	63.2
H	14.84	6.22	21.12	14.63	93.8	85.8	78.2	72.9	68.2	64.8	60.7	57.2
H	21.92	23.65	10.14	14.63	94.4	87.4	79.7	74.7	70.8	67.1	62.9	59.7
H	9.09	18.46	35.15	14.65	93.6	85.1	77.4	71.4	66.7	63.5	58.8	55.4
H	32.54	25.93	36.30	14.68	94.3	86.1	78.8	73.2	69.1	65.6	61.4	58.2
H	25.72	41.96	28.95	14.70	93.6	85.3	77.2	71.4	66.9	63.3	59.2	55.3
H	33.04	12.23	32.04	14.70	93.5	85.9	77.7	71.7	67.8	63.6	59.6	56.1
H	19.92	3.78	27.77	14.71	93.7	85.6	77.7	72.2	67.5	64.5	59.7	56.3
H	8.95	26.98	25.96	14.73	94.3	86.7	79.1	73.4	69.5	66.3	61.5	58.7
H	13.48	16.28	39.06	14.74	93.7	85.9	77.4	71.5	67.4	64.3	59.6	55.7
H	24.06	41.14	30.28	14.75	93.6	85.4	77.2	71.5	67.2	63.4	59.2	55.3
H	38.17	36.18	18.11	14.77	93.7	85.5	77.7	71.8	67.5	63.6	59.4	55.6
H	13.99	30.56	15.71	14.78	94.8	87.7	80.2	74.8	71.3	68.0	63.9	60.7
H	37.20	38.71	24.45	14.78	93.1	85.1	77.4	71.7	66.6	62.9	59.0	55.0
H	24.62	19.38	11.65	14.80	94.6	87.3	79.8	74.7	70.7	67.4	63.5	59.9
H	22.08	40.41	15.52	14.84	94.0	86.1	78.2	72.6	68.8	65.1	61.4	57.7
H	35.55	19.92	14.97	14.84	93.7	86.0	78.6	72.6	68.3	64.6	60.3	56.4
H	25.68	13.49	13.33	14.84	94.7	87.2	80.2	75.1	71.3	68.3	64.0	60.7
H	13.58	30.15	31.85	14.85	94.8	87.2	80.1	75.1	71.2	68.0	63.8	60.4
H	39.62	30.59	16.30	14.85	94.5	86.7	78.8	73.7	69.7	66.6	62.6	59.1
H	38.02	33.19	31.43	14.88	94.0	85.7	78.3	72.9	68.7	65.1	61.2	57.4
H	36.50	23.73	12.99	14.95	93.7	85.8	78.1	72.4	67.7	64.2	60.1	56.6
H	6.43	21.88	25.11	14.96	94.0	86.1	78.8	73.1	68.5	65.2	61.3	57.3
H	18.45	30.21	35.58	14.98	93.8	86.0	78.6	72.5	68.3	64.8	61.0	57.2
H	39.38	35.72	26.23	15.01	93.7	85.2	77.3	71.4	66.6	62.8	58.6	54.7
H	11.70	29.96	22.10	15.01	94.3	86.6	79.2	73.3	69.8	65.6	62.0	58.6
H	17.25	29.35	11.39	15.03	94.1	87.0	79.1	73.0	69.0	65.6	61.4	57.7
H	13.25	34.62	19.85	15.05	94.6	87.4	80.3	74.7	71.0	67.7	63.3	60.1
H	7.27	17.81	32.91	15.08	93.6	85.3	77.3	71.5	66.9	63.4	58.8	55.5
H	29.59	6.65	22.73	15.09	94.2	86.4	78.7	73.6	69.1	65.9	61.0	58.4
H	20.35	27.81	9.40	15.10	94.1	86.6	78.7	73.3	69.3	65.8	61.2	57.4
H	27.34	26.84	8.11	15.13	93.9	86.1	78.7	73.6	68.7	65.5	60.7	57.4
H	27.65	25.18	38.24	15.14	94.1	86.3	79.1	73.8	69.5	66.3	62.3	58.7
H	10.11	11.61	18.31	15.16	93.8	86.2	78.4	71.6	67.8	64.1	59.9	55.8
H	38.43	20.45	28.16	15.16	94.2	86.1	77.9	72.6	68.2	64.6	60.4	57.2
H	14.94	5.29	31.32	15.19	93.3	85.2	77.0	70.8	66.4	62.8	58.7	55.0
H	17.73	13.95	40.72	15.24	93.4	85.4	77.0	71.1	66.7	62.1	58.5	54.5
H	27.81	14.98	39.65	15.24	93.4	85.2	77.1	71.2	66.9	63.3	58.6	55.3
H	32.30	42.34	20.19	15.25	93.6	85.6	77.7	71.3	67.5	63.6	59.4	55.4
H	12.10	30.91	27.24	15.26	95.2	88.0	80.9	75.6	72.4	68.8	65.0	61.9
H	32.03	13.53	35.76	15.26	93.6	85.3	77.4	71.7	67.2	63.9	59.1	55.8
H	29.22	5.90	29.28	15.27	93.5	86.3	77.9	72.4	68.0	64.8	60.3	56.8
H	34.53	12.65	30.37	15.28	93.7	85.8	77.8	71.7	68.2	63.9	59.5	56.5
H	29.37	9.59	17.30	15.29	94.7	86.5	79.4	74.2	69.8	66.5	62.8	58.7
H	11.10	12.41	16.41	15.29	93.9	86.0	78.2	71.6	67.7	64.1	60.1	56.0
H	36.44	36.70	14.77	15.30	93.3	85.5	77.4	71.3	66.9	63.4	58.6	55.1
H	26.15	28.77	7.84	15.30	93.9	85.9	78.6	73.4	68.6	65.3	60.8	57.4
H	30.53	39.40	33.15	15.32	93.4	85.2	77.0	71.0	66.9	62.9	58.5	54.9
H	17.36	21.51	41.14	15.38	93.7	85.4	77.9	71.5	67.1	63.4	59.0	55.0
H	34.94	12.47	24.38	15.38	94.3	86.6	78.8	73.8	69.3	66.9	61.7	58.3
H	15.23	31.11	33.17	15.39	94.6	87.1	79.9	75.0	71.0	68.0	63.6	60.2
H	36.66	18.82	16.63	15.40	93.9	85.8	78.7	72.4	68.1	64.5	60.1	56.5
H	23.25	33.52	8.96	15.41	94.4	86.8	79.3	74.2	70.3	66.8	62.7	58.7
H	29.92	13.40	15.02	15.43	94.6	87.0	79.8	74.4	70.0	67.2	63.3	58.9
H	16.97	23.68	12.01	15.48	95.0	87.6	81.1	76.3	72.7	69.6	65.7	62.6
H	24.67	3.74	29.81	15.49	93.5	86.2	78.4	72.4	67.6	64.8	60.7	57.5
H	14.14	7.79	17.46	15.50	93.7	85.4	76.9	71.5	67.0	63.6	58.9	55.3
H	32.52	8.19	24.77	15.56	94.1	86.1	78.2	73.4	68.9	65.8	61.2	57.9
H	35.65	26.57	10.61	15.57	93.9	85.2	77.8	71.9	67.3	63.6	59.1	55.2
H	23.42	9.48	39.01	15.57	93.4	85.3	77.1	71.2	66.4	62.4	58.4	54.7
H	10.12	29.26	23.61	15.58	94.2	86.6	79.0	73.3	69.8	66.0	62.2	58.8
H	22.33	16.21	41.87	15.59	93.6	85.3	77.1	71.2	67.2	63.5	58.9	55.4

H	7.19	13.56	20.84	15.61	93.4	85.1	77.3	71.1	66.9	62.9	58.6	54.7
H	13.97	12.88	13.64	15.62	94.3	86.6	78.7	73.0	69.2	65.4	61.3	57.8
H	8.51	10.40	31.71	15.65	93.2	84.3	76.6	69.8	65.3	61.5	56.9	53.3
H	41.96	31.25	21.59	15.68	93.8	86.3	78.5	72.8	68.4	65.1	61.0	57.5
H	22.59	4.96	34.43	15.69	93.4	85.3	76.8	70.3	66.4	62.5	57.8	54.2
H	31.85	40.72	14.74	15.74	93.9	85.1	77.0	71.5	67.0	63.4	58.4	54.8
H	34.47	40.97	28.74	15.78	93.4	85.0	77.0	71.1	65.9	62.4	58.3	54.5
H	25.70	7.22	36.57	15.79	93.7	85.4	77.4	70.9	66.4	62.4	58.5	54.7
H	35.11	28.86	36.43	15.80	93.8	85.3	77.1	71.1	66.7	63.1	58.3	55.0
H	28.81	11.39	14.75	15.80	94.8	86.8	79.7	74.2	70.0	67.0	63.0	58.9
H	39.32	24.27	14.69	15.84	93.6	85.6	77.8	71.8	67.0	63.7	59.1	55.4
H	35.62	41.02	26.76	15.85	93.5	84.9	77.0	70.9	66.2	62.4	58.3	54.7
H	9.76	7.10	26.85	15.88	93.2	85.0	77.0	71.0	65.8	62.2	57.3	53.8
H	11.09	25.85	16.46	15.90	94.6	87.1	79.6	74.7	70.9	67.2	62.9	59.7
H	29.67	18.53	11.13	15.91	94.2	86.7	79.5	74.0	69.9	66.9	62.6	59.4
H	14.89	14.51	12.28	15.92	94.3	86.6	78.3	73.1	69.1	65.4	61.3	57.8
H	40.61	21.98	27.09	15.95	94.0	85.9	78.1	72.6	68.1	64.6	60.5	57.3
H	11.14	9.19	35.14	15.96	93.3	84.6	76.1	69.8	65.7	61.8	57.2	53.2
H	6.98	25.46	29.84	15.97	93.5	85.8	77.7	71.8	67.9	64.3	59.9	55.8
H	34.47	20.35	34.84	16.04	94.1	86.0	78.4	73.0	68.9	65.9	61.6	58.2
H	23.35	38.08	35.58	16.04	94.1	85.8	78.1	72.5	67.7	64.9	60.6	57.4
H	25.10	39.48	11.54	16.04	93.8	85.8	77.6	71.7	67.2	63.6	58.9	55.1
H	40.38	36.68	21.80	16.08	93.6	85.3	77.4	71.1	66.1	62.4	58.2	54.4
H	21.41	2.48	28.92	16.11	93.5	85.7	77.6	71.9	67.4	64.3	59.9	56.1
H	35.98	16.52	31.97	16.14	94.2	85.8	77.8	72.5	68.2	64.2	60.1	57.0
H	15.09	27.67	38.36	16.14	93.5	85.4	77.4	71.0	67.0	63.3	59.3	55.8
H	36.38	14.24	24.50	16.14	94.3	86.8	78.8	74.1	69.7	66.7	61.5	58.2
H	40.14	32.55	30.94	16.15	94.2	85.5	78.2	73.0	68.8	64.7	61.1	57.1
H	38.88	21.62	31.06	16.15	94.0	85.9	78.1	72.8	68.1	65.0	60.6	57.3
H	21.24	18.26	42.66	16.17	93.7	85.2	77.3	71.4	67.1	63.4	59.0	55.1
H	37.43	40.14	20.21	16.17	93.4	84.9	76.9	71.1	66.1	61.8	57.9	54.0
H	37.27	38.40	16.06	16.19	93.4	85.5	77.2	71.6	66.6	63.1	58.7	55.3
H	25.07	44.06	18.90	16.20	93.5	85.8	78.0	72.6	68.0	64.5	59.9	56.5
H	23.89	10.47	12.69	16.21	94.0	86.4	79.0	73.0	69.1	65.7	60.9	57.0
H	26.20	25.74	39.96	16.22	94.1	86.4	78.9	73.6	69.2	66.2	62.1	58.6
H	32.14	9.47	34.06	16.22	93.4	85.4	77.0	71.4	66.3	62.8	58.4	54.9
H	36.50	32.85	10.99	16.26	93.1	85.0	76.8	70.7	66.2	62.5	57.5	54.1
H	42.88	28.82	23.23	16.28	94.1	86.4	79.0	72.9	68.4	65.2	61.2	57.7
H	12.45	32.27	15.90	16.33	94.7	87.4	79.7	74.5	70.6	67.2	63.4	59.8
H	17.88	33.17	36.12	16.33	93.7	85.7	77.9	72.1	67.7	64.0	60.0	56.1
H	19.69	29.56	38.39	16.35	93.6	85.6	78.0	72.2	67.7	64.3	59.8	56.2
H	10.30	29.13	20.21	16.35	94.2	86.6	78.9	73.4	69.7	65.6	61.7	58.6
H	6.93	24.81	32.07	16.36	93.5	85.7	77.8	71.9	67.9	64.4	59.7	55.8
H	41.11	25.74	30.16	16.36	93.9	85.6	78.3	72.6	68.0	64.7	60.4	56.9
H	28.45	30.78	39.25	16.39	94.0	86.3	78.4	72.8	68.5	65.1	61.0	57.4
H	18.32	18.90	10.31	16.40	94.1	87.0	78.9	73.9	69.8	66.4	62.0	58.7
H	20.54	29.54	7.90	16.43	94.1	86.5	78.7	73.2	69.0	65.2	61.0	57.4
H	19.48	34.42	9.56	16.43	93.7	86.2	78.3	73.0	68.5	65.2	60.3	56.7
H	17.52	6.88	37.72	16.44	93.1	85.0	76.6	70.3	65.9	61.8	57.0	53.4
H	4.75	15.89	28.40	16.46	93.5	85.2	77.0	71.0	65.8	62.5	57.7	54.5
H	17.15	39.94	15.88	16.51	93.8	86.1	78.0	72.6	68.1	64.5	59.7	56.3
H	16.12	36.26	12.97	16.53	94.2	85.9	78.5	72.8	68.1	64.9	60.4	56.9
H	39.66	37.61	27.57	16.53	93.7	85.4	77.3	71.1	66.6	62.8	58.2	54.5
H	28.29	42.39	14.33	16.53	93.6	85.2	77.2	71.4	66.7	63.0	58.2	54.6
H	8.62	7.54	28.75	16.55	93.4	84.9	76.8	70.9	65.8	61.8	57.2	53.8
H	8.26	29.09	25.41	16.60	94.2	86.6	79.1	73.4	69.3	66.0	61.8	58.4
H	5.03	22.44	29.25	16.61	93.7	85.1	77.4	71.4	66.7	63.8	59.2	55.2
H	18.37	36.01	10.79	16.63	93.5	86.1	78.5	72.9	68.3	65.1	60.3	56.5
H	38.78	18.21	27.88	16.63	93.9	85.7	77.8	72.6	68.0	64.5	60.3	57.4
H	25.89	41.46	33.56	16.65	93.4	85.1	76.5	71.0	66.4	62.7	58.1	53.8
H	27.55	44.50	27.69	16.67	93.6	85.2	77.3	71.4	66.8	63.0	58.9	55.4
H	18.16	2.19	23.19	16.77	93.6	85.5	77.4	71.7	67.3	63.6	59.0	55.0

H	30.96	8.05	17.93	16.78	94.5	86.6	79.4	74.1	69.5	66.5	62.4	58.5
H	40.59	27.82	32.39	16.79	93.9	85.6	78.1	72.2	67.9	64.4	60.1	56.3
H	20.85	28.39	40.01	16.79	93.5	85.7	78.0	72.1	67.4	64.1	60.0	56.2
H	37.20	16.02	30.07	16.84	94.2	85.9	78.0	72.1	67.9	64.1	60.1	57.0
H	11.51	4.61	24.11	16.86	93.4	85.1	76.9	70.6	65.4	62.1	57.6	53.9
H	23.06	6.43	14.79	16.89	93.7	86.6	78.1	72.7	67.7	64.6	60.4	56.1
H	15.24	6.85	37.45	16.89	93.1	85.0	76.8	70.3	66.2	61.9	56.8	53.6
H	36.98	35.04	11.53	16.89	93.1	84.9	76.8	70.9	66.1	62.8	57.7	54.0
H	15.08	4.03	33.18	16.89	93.4	85.0	76.9	71.0	66.6	62.9	58.5	54.7
H	15.12	28.67	10.74	16.89	94.2	87.0	79.0	72.7	68.7	65.8	61.5	57.2
H	29.07	15.62	11.92	16.94	94.4	86.6	79.3	73.8	70.0	66.9	62.4	59.0
H	14.69	36.97	14.57	16.94	94.1	85.9	78.6	72.9	68.0	65.0	60.4	56.8
H	4.34	20.26	29.48	16.94	93.5	85.4	77.6	71.5	66.5	63.4	59.1	54.9
H	15.85	39.75	29.88	16.96	93.6	85.8	77.8	71.9	67.5	63.9	59.2	55.0
H	36.35	36.12	34.76	16.98	93.4	84.5	76.4	70.5	65.6	61.8	56.8	53.7
H	29.46	22.60	7.45	16.99	94.0	86.2	78.5	72.9	69.0	65.0	61.0	57.4
H	31.94	36.05	8.87	17.00	93.2	85.1	76.6	70.5	65.9	61.3	56.9	53.2
H	13.55	37.13	29.80	17.00	93.8	85.7	77.6	72.2	67.4	63.8	59.0	55.7
H	13.03	26.77	39.04	17.01	93.4	85.2	77.3	70.9	66.5	62.8	59.2	55.6
H	17.69	6.70	14.58	17.01	93.5	85.0	77.1	70.7	66.1	62.3	57.3	53.9
H	18.87	36.10	36.25	17.02	93.4	85.1	77.3	71.2	66.6	62.8	58.1	54.6
H	15.62	41.27	20.67	17.03	94.0	86.3	78.2	72.2	67.5	64.0	59.8	56.5
H	4.95	15.65	21.20	17.04	93.7	85.2	77.2	71.3	66.7	62.9	58.4	54.5
H	30.33	4.87	30.92	17.07	93.7	86.2	78.0	72.3	67.9	64.4	60.3	56.5
H	29.80	36.86	8.59	17.08	93.2	85.1	76.6	70.8	65.9	61.4	57.0	53.4
H	18.55	14.10	42.88	17.10	93.5	85.1	77.0	71.1	66.4	62.2	58.4	54.5
H	18.15	43.28	24.64	17.10	93.9	85.9	77.5	71.6	67.1	63.9	59.5	56.1
H	30.59	44.31	28.31	17.11	93.6	85.0	77.0	71.5	66.7	62.9	58.8	54.9
H	35.02	20.89	10.25	17.16	93.4	85.5	78.1	71.9	67.2	63.5	59.3	55.8
H	16.42	2.53	21.76	17.17	93.8	85.2	77.4	71.8	67.1	63.5	58.7	55.0
H	26.32	2.55	22.65	17.19	94.0	85.7	78.3	73.2	68.1	65.0	60.4	57.2
H	34.45	16.12	36.87	17.21	93.4	85.0	77.1	71.3	67.0	63.2	58.8	55.1
H	42.46	32.64	28.34	17.21	93.9	85.6	78.0	72.2	67.8	64.0	60.0	56.1
H	20.91	3.45	35.04	17.22	93.2	85.0	76.7	70.5	66.1	62.3	57.9	54.0
H	23.31	24.89	6.61	17.23	94.2	85.8	78.5	72.6	68.2	65.0	60.7	56.9
H	20.24	19.61	9.30	17.26	94.2	86.7	79.0	74.0	69.8	66.4	62.3	58.6
H	33.17	16.98	38.59	17.27	93.5	85.1	77.0	71.1	66.8	63.1	58.7	54.9
H	21.65	21.05	43.56	17.28	93.8	85.2	77.3	71.2	67.2	63.0	59.0	55.0
H	19.63	41.72	31.91	17.33	93.4	85.2	77.1	71.3	66.9	63.3	58.9	55.0
H	7.36	20.50	15.87	17.36	93.8	85.8	77.7	71.8	66.8	62.8	58.6	55.4
H	6.07	20.77	17.76	17.38	93.9	85.6	77.6	72.0	66.9	63.0	58.6	55.3
H	9.68	7.27	33.75	17.39	93.3	84.4	76.3	69.7	65.5	62.0	57.3	53.2
H	33.46	12.00	36.71	17.40	93.6	85.3	77.6	71.5	67.3	63.5	59.0	55.6
H	16.61	42.44	26.11	17.41	93.9	85.7	77.6	71.7	67.0	63.6	59.5	56.1
H	13.14	5.75	17.40	17.41	93.5	85.5	77.0	71.7	66.8	63.4	58.7	55.0
H	22.40	8.73	40.93	17.43	93.4	85.0	77.2	71.1	66.4	62.4	58.2	54.7
H	17.60	2.00	31.44	17.45	93.2	85.3	77.3	71.1	66.3	63.1	58.9	54.6
H	8.61	6.92	21.78	17.47	93.4	84.8	76.6	70.4	65.6	61.7	57.7	53.3
H	8.55	12.94	37.60	17.48	92.8	84.6	76.2	69.8	65.0	61.4	56.5	52.4
H	21.72	42.52	32.37	17.49	93.3	85.2	77.2	71.2	66.7	63.4	58.9	55.0
H	42.53	22.29	19.38	17.51	94.0	85.9	77.6	71.7	67.3	63.5	58.8	55.5
H	21.51	8.71	11.86	17.57	93.5	85.9	78.0	72.1	67.9	64.3	59.9	55.8
H	36.46	38.27	33.93	17.59	93.2	84.9	76.4	70.5	65.6	61.7	56.7	53.5
H	30.80	30.22	6.12	17.61	93.5	85.3	76.7	70.8	65.9	61.5	57.2	53.5
H	17.29	8.01	12.74	17.62	93.4	85.2	76.8	70.8	65.8	62.4	57.2	54.0
H	9.98	28.77	17.26	17.62	94.3	86.5	78.7	73.2	69.5	65.6	61.3	57.7
H	10.66	21.93	40.40	17.63	93.2	85.4	76.2	70.0	65.2	61.8	57.0	52.6
H	13.73	2.33	27.52	17.63	93.6	85.2	77.3	71.3	66.7	62.8	58.7	54.4
H	16.82	22.47	43.16	17.63	93.6	85.4	77.9	71.3	66.9	63.0	58.9	55.3
H	27.58	6.27	37.45	17.65	93.6	85.4	77.3	71.0	66.3	62.4	58.6	54.7
H	3.66	14.65	26.82	17.66	93.4	85.0	77.0	70.9	65.9	62.5	57.6	54.1
H	20.01	12.25	9.97	17.66	93.7	85.8	77.5	71.5	67.0	63.3	58.5	54.6

H	34.82	22.62	8.65	17.66	93.5	85.7	78.3	72.0	67.4	63.2	59.0	55.7
H	27.33	14.29	42.45	17.67	93.4	84.9	77.0	70.7	66.3	62.6	57.8	54.9
H	42.54	36.08	22.06	17.69	93.6	85.1	77.1	70.9	66.5	62.2	57.9	54.3
H	8.53	20.65	14.07	17.69	93.8	85.8	77.6	71.7	67.0	63.3	58.8	55.5
H	7.88	15.08	38.01	17.70	92.8	84.5	76.3	69.9	65.1	61.3	56.5	52.3
H	15.71	1.86	30.16	17.72	93.4	85.1	77.3	71.0	66.2	63.1	58.6	54.5
H	36.66	42.17	18.03	17.73	93.2	84.7	76.9	70.9	66.0	61.8	57.4	53.8
H	28.29	34.07	6.38	17.73	93.4	85.0	76.8	70.4	65.7	62.1	57.2	53.8
H	25.35	39.52	9.30	17.74	93.6	85.7	77.5	71.6	66.9	63.3	58.9	54.8
H	28.90	28.10	40.72	17.74	93.8	86.2	78.6	72.9	68.5	65.0	60.7	57.1
H	24.37	1.32	23.00	17.78	93.8	85.8	78.1	73.1	68.0	64.8	60.3	57.2
H	36.59	26.03	8.60	17.80	93.7	85.2	78.0	71.7	67.5	63.5	58.9	55.1
H	41.86	35.29	16.95	17.81	93.5	85.2	77.4	70.9	66.7	63.1	59.1	54.6
H	12.80	20.75	10.81	17.82	93.9	86.1	78.1	72.1	67.8	64.2	59.6	56.0
H	10.55	33.83	17.50	17.83	94.2	86.7	79.2	73.6	69.1	66.0	61.6	58.3
H	40.83	38.69	19.76	17.83	93.4	85.1	77.1	70.8	66.1	62.3	57.6	54.3
H	18.93	26.65	42.21	17.85	93.5	85.4	77.7	71.6	67.0	63.2	58.8	55.3
H	6.73	13.89	16.55	17.90	93.3	85.3	77.7	70.8	66.8	63.0	58.3	54.7
H	33.83	14.92	13.97	17.91	93.8	86.0	77.9	71.8	67.1	63.8	59.6	55.1
H	17.12	25.30	42.59	17.91	93.6	85.3	77.6	71.5	66.9	63.3	58.8	55.2
H	40.73	17.43	22.80	17.95	93.7	85.3	77.1	70.9	66.3	62.8	58.2	54.8
H	41.51	23.80	14.31	17.95	93.4	85.5	77.7	71.6	67.0	63.3	59.1	55.3
H	5.21	21.91	34.49	17.96	93.4	84.9	77.1	71.1	66.2	62.7	58.3	54.6
H	35.69	28.91	38.62	17.97	93.7	85.0	77.1	71.0	66.5	62.5	58.1	54.6
H	17.16	42.21	16.30	18.00	93.8	86.1	77.8	72.5	67.6	64.4	59.8	56.1
H	10.31	36.13	23.90	18.01	93.6	85.3	78.1	71.7	66.9	64.0	59.5	55.5
H	6.35	9.84	32.84	18.05	93.2	84.3	76.2	69.8	65.1	61.3	56.7	53.1
H	33.75	7.88	33.60	18.05	93.4	85.5	77.2	71.1	66.2	62.8	58.3	54.9
H	4.81	12.92	32.59	18.06	93.2	84.8	76.4	69.6	64.9	61.1	56.4	52.6
H	39.88	16.43	20.93	18.07	93.9	85.4	77.1	71.1	66.3	62.6	57.8	54.8
H	6.76	28.38	31.68	18.07	93.7	85.4	77.4	71.6	67.3	63.7	59.0	55.2
H	20.12	22.66	44.09	18.11	93.9	85.5	77.4	71.3	67.0	63.2	58.9	55.1
H	11.85	24.08	11.84	18.15	93.8	86.2	77.9	71.5	67.3	64.0	59.4	55.4
H	25.19	5.54	14.42	18.15	93.8	86.5	78.1	72.5	67.6	64.4	60.2	56.4
H	26.11	43.68	33.08	18.16	93.2	85.0	76.6	70.8	66.5	62.6	57.8	53.9
H	9.41	7.87	35.83	18.17	93.1	84.6	76.1	69.4	65.5	61.5	57.3	53.0
H	4.55	25.63	23.20	18.19	93.8	86.0	78.2	72.2	67.5	63.9	58.8	56.2
H	27.96	37.81	38.73	18.21	93.2	84.4	76.4	69.9	65.1	61.6	56.6	52.6
H	33.60	32.08	39.59	18.24	93.5	84.8	76.8	70.3	66.0	61.7	56.7	53.4
H	32.04	34.60	6.82	18.25	93.2	85.2	76.6	70.7	65.7	61.3	56.7	53.3
H	32.46	31.82	6.16	18.26	93.1	85.2	76.4	70.7	65.9	61.4	57.2	53.6
H	13.98	5.11	36.95	18.27	93.2	84.8	76.8	70.2	65.9	61.9	56.8	53.3
H	25.91	23.02	43.47	18.28	93.7	85.3	77.3	71.6	67.2	62.5	58.6	55.2
H	17.06	37.69	35.74	18.29	93.6	85.0	76.8	70.8	66.5	62.3	57.9	54.3
H	23.00	33.25	40.46	18.32	93.6	85.0	76.3	70.5	65.1	62.2	57.2	53.1
H	10.10	4.17	22.37	18.34	93.3	85.0	76.8	70.6	65.8	62.1	57.5	54.1
H	14.93	19.21	9.16	18.37	93.9	86.3	78.2	72.6	68.5	64.3	60.0	56.5
H	36.14	44.21	21.78	18.43	93.4	85.1	77.1	70.3	65.8	61.8	58.0	53.8
H	33.62	42.82	32.37	18.43	93.2	84.4	76.4	70.0	65.3	61.1	56.8	53.2
H	33.66	35.90	7.77	18.45	93.1	85.0	76.7	70.5	65.9	61.3	56.7	53.4
H	36.26	42.20	15.37	18.48	93.2	84.6	76.7	70.4	65.8	61.5	57.3	53.6
H	39.05	30.50	36.65	18.49	93.4	84.8	76.8	70.7	66.1	61.9	57.9	54.0
H	43.16	20.53	25.16	18.49	93.7	85.5	77.6	71.7	67.1	63.6	59.0	55.5
H	44.19	33.51	25.95	18.51	93.7	85.4	77.7	71.8	67.1	63.1	59.1	55.2
H	12.10	37.36	15.77	18.52	93.9	86.3	78.5	72.8	68.2	64.8	60.8	56.8
H	10.42	34.84	29.69	18.57	93.4	85.9	77.6	71.7	67.2	63.3	58.7	55.2
H	26.19	37.41	6.85	18.57	93.7	85.5	76.8	70.4	65.9	62.3	57.5	53.7
H	32.29	3.77	25.29	18.58	93.5	85.5	77.7	72.1	67.6	64.0	59.6	56.3
H	25.02	1.69	19.46	18.60	93.7	86.1	78.1	72.6	67.9	64.4	59.9	56.4
H	21.20	14.53	8.29	18.62	93.8	85.8	77.5	71.8	67.1	63.1	58.5	54.7
H	8.36	6.51	19.54	18.64	93.3	84.6	76.4	70.2	65.7	62.0	57.4	53.2
H	6.95	15.08	14.61	18.64	93.4	85.4	77.6	70.8	66.7	63.1	58.6	54.7

H	30.88	6.04	36.30	18.66	93.3	85.5	76.8	70.9	65.7	62.2	57.6	54.1
H	22.12	2.85	16.25	18.67	93.8	85.7	77.9	72.2	67.5	64.8	59.4	55.8
H	31.58	43.86	32.53	18.68	93.2	84.7	76.2	70.5	65.3	61.3	57.0	53.2
H	37.42	12.14	20.32	18.71	93.7	85.4	76.8	70.7	65.8	62.8	58.4	54.9
H	29.33	9.64	40.74	18.71	93.3	84.9	76.8	70.7	65.4	61.7	57.5	54.0
H	13.81	40.65	29.48	18.75	93.6	85.7	77.8	71.6	67.1	63.9	59.1	55.1
H	29.10	40.04	8.54	18.78	93.3	85.0	76.6	70.8	65.8	61.5	57.2	53.2
H	21.67	1.59	18.10	18.81	93.7	85.6	77.8	72.4	67.7	64.7	59.5	55.9
H	11.77	34.55	13.18	18.86	94.0	86.2	78.3	72.9	68.5	64.7	60.4	56.9
H	30.54	2.43	23.68	18.86	93.5	85.7	77.5	72.1	67.5	64.0	59.7	56.2
H	12.63	7.61	13.41	18.87	93.3	85.0	76.3	70.2	65.5	61.5	57.0	53.0
H	24.32	35.13	40.66	18.88	93.6	84.9	76.3	70.3	64.9	62.0	56.9	53.0
H	29.44	12.08	42.13	18.89	93.4	84.9	76.7	70.6	65.8	62.2	57.6	54.1
H	30.59	35.31	40.30	18.89	93.0	84.6	76.7	70.4	65.4	61.0	56.6	52.9
H	40.70	28.46	10.53	18.91	93.4	84.9	76.5	70.3	65.3	61.8	57.2	53.2
H	13.40	41.86	20.70	18.94	94.0	86.2	78.3	71.9	67.7	63.9	59.4	56.1
H	39.96	18.81	13.83	18.95	93.7	85.6	76.9	70.6	66.2	62.1	57.9	53.9
H	33.68	20.61	40.33	18.95	93.4	84.8	76.5	70.4	66.1	62.1	57.4	54.0
H	4.66	20.33	36.08	18.96	93.4	85.0	77.3	71.0	66.2	62.7	58.1	54.6
H	12.60	40.84	26.54	18.97	93.5	85.5	77.5	71.6	67.0	63.4	59.0	54.9
H	14.21	36.99	34.74	18.98	93.5	84.8	77.0	70.5	65.8	62.0	57.6	53.8
H	12.22	26.16	10.95	18.99	93.6	86.1	77.8	71.5	67.4	63.8	59.4	55.3
H	11.32	39.63	25.09	19.01	93.5	85.5	77.7	71.6	66.6	63.6	58.9	55.1
H	39.14	18.93	33.74	19.01	93.8	85.1	77.1	71.0	66.1	62.9	57.5	54.2
H	24.77	20.43	6.01	19.02	93.8	85.8	77.8	71.3	67.3	63.2	58.9	55.6
H	7.71	28.73	17.47	19.04	94.3	86.4	78.5	73.0	68.9	65.6	61.1	57.2
H	16.53	9.16	10.39	19.08	93.4	84.8	76.7	70.9	65.9	62.0	57.3	53.3
H	23.94	30.57	4.35	19.08	93.8	85.1	77.3	71.4	66.6	63.3	58.2	55.1
H	5.34	7.52	24.67	19.09	93.2	84.6	76.6	70.0	65.0	61.1	56.5	52.5
H	7.70	31.30	31.34	19.09	93.7	85.2	77.3	71.6	66.8	63.4	58.9	55.0
H	15.76	1.33	19.63	19.11	93.7	85.2	77.2	71.6	67.1	63.2	58.8	54.6
H	26.56	39.62	38.68	19.12	93.2	84.4	76.4	69.8	65.3	61.4	56.8	52.6
H	36.95	44.13	26.86	19.12	93.4	84.9	76.5	70.6	65.5	61.8	57.3	53.7
H	24.22	24.90	4.49	19.14	94.1	85.8	78.3	72.3	68.2	64.6	60.5	56.3
H	8.40	22.20	40.49	19.15	93.2	85.3	76.2	70.0	65.1	61.4	56.8	52.4
H	9.62	21.43	11.32	19.16	93.4	85.8	77.8	71.7	67.0	63.5	59.0	55.2
H	19.39	3.81	38.85	19.17	93.2	84.8	76.3	69.8	65.3	61.5	56.3	53.0
H	26.80	9.51	42.44	19.17	93.2	84.5	76.3	70.6	65.0	61.4	56.6	53.4
H	11.93	37.81	31.28	19.19	93.8	85.8	77.7	72.1	67.1	63.5	58.9	55.3
H	38.10	28.36	38.51	19.20	93.5	85.0	77.1	70.7	66.1	62.3	57.9	54.1
H	8.16	29.56	35.54	19.20	93.3	84.8	76.0	70.1	65.7	61.8	57.3	53.0
H	34.46	6.58	19.68	19.23	93.4	85.8	77.1	71.3	66.9	63.1	58.4	54.5
H	33.91	34.30	39.96	19.25	93.5	84.9	76.7	70.3	65.6	61.7	56.8	52.9
H	10.17	25.00	41.10	19.29	93.2	84.9	76.3	70.0	65.4	61.3	57.2	52.9
H	38.19	31.91	8.09	19.29	93.2	84.5	76.6	69.8	65.3	61.3	56.6	52.5
H	4.51	8.45	28.80	19.32	93.2	84.4	76.6	69.7	64.7	60.4	55.8	52.3
H	39.31	12.50	26.83	19.33	93.5	85.5	77.6	71.7	66.4	63.0	58.9	55.5
H	12.70	36.47	12.29	19.35	93.9	86.2	78.2	72.9	68.2	64.8	60.5	56.6
H	39.79	16.86	15.03	19.36	93.5	85.5	77.0	70.8	66.3	62.2	58.0	53.9
H	39.45	33.58	36.70	19.37	93.5	84.9	76.7	70.4	65.6	61.8	57.4	53.7
H	27.59	2.05	18.51	19.38	93.4	86.0	77.5	72.3	67.8	64.4	59.6	56.6
H	13.91	0.31	26.42	19.40	93.5	85.6	77.2	71.3	66.4	63.1	58.8	54.3
H	8.98	27.05	39.13	19.40	93.2	85.0	76.4	70.1	65.2	61.3	57.3	53.1
H	44.06	34.70	17.33	19.42	93.6	85.2	77.2	70.9	66.7	63.0	58.7	54.7
H	28.51	33.05	4.34	19.43	93.6	85.2	76.7	70.6	65.6	62.2	57.6	53.9
H	9.87	38.35	24.26	19.45	93.5	85.6	78.0	71.4	67.1	63.5	59.1	55.4
H	8.61	5.24	33.86	19.46	93.2	84.5	76.0	69.6	65.4	61.7	56.9	53.0
H	30.66	44.11	12.20	19.49	93.4	84.8	77.1	70.7	65.5	61.9	57.4	53.7
H	31.30	8.83	39.94	19.49	93.2	85.0	76.7	70.4	65.5	61.9	57.8	53.8
H	37.13	22.73	38.52	19.51	93.4	85.2	76.9	70.4	65.6	62.4	57.5	53.8
H	30.82	19.96	43.25	19.52	93.4	85.1	76.9	70.6	66.0	62.2	57.9	54.0
H	2.44	20.64	20.50	19.55	93.5	85.4	77.4	71.6	66.6	63.2	58.5	55.1

H	32.67	44.43	13.54	19.56	93.4	84.9	76.9	70.9	65.8	62.1	57.0	53.4
H	34.54	12.71	13.65	19.57	93.8	85.8	77.8	71.6	67.1	63.8	59.3	54.7
H	5.83	27.55	17.97	19.59	94.1	86.5	78.1	72.8	68.7	64.9	60.9	56.8
H	3.06	11.91	31.40	19.61	93.0	84.7	76.4	69.7	64.9	61.1	56.3	52.8
H	35.62	40.55	10.52	19.64	93.3	84.7	76.2	69.7	65.0	60.7	56.6	52.5
H	25.12	15.55	7.52	19.65	93.5	85.7	77.9	71.5	66.8	63.0	58.8	55.1
H	12.06	34.10	35.13	19.67	93.3	85.2	76.4	70.6	65.9	62.3	57.5	54.0
H	18.87	27.72	5.04	19.69	93.6	86.1	77.9	71.9	66.7	63.5	58.9	54.9
H	10.23	37.62	17.11	19.69	93.9	86.3	78.4	73.0	68.5	65.0	60.6	56.8
H	38.65	14.06	17.29	19.69	93.4	85.3	77.0	70.5	65.7	62.4	57.8	53.2
H	35.91	42.74	13.20	19.71	93.1	84.6	76.5	70.4	65.8	61.8	57.0	53.3
H	40.03	38.18	33.84	19.72	93.2	84.5	76.2	70.0	64.9	61.2	56.1	52.4
H	15.56	3.89	14.21	19.76	93.5	85.0	76.8	70.7	65.7	62.0	57.1	53.4
H	44.17	27.01	32.04	19.76	93.5	85.2	77.6	71.4	66.7	63.4	58.9	55.3
H	22.56	29.27	42.93	19.77	93.7	85.3	77.2	71.6	66.1	63.4	58.2	55.0
H	13.16	21.38	44.48	19.80	93.1	84.9	76.2	69.6	65.4	61.0	56.3	52.1
H	41.05	34.14	10.81	19.81	93.3	84.4	76.4	69.3	65.1	61.4	56.5	52.3
H	7.17	32.73	25.52	19.87	93.5	85.5	78.0	71.7	67.3	64.5	59.2	56.1
H	35.12	7.60	17.73	19.89	93.5	85.7	77.1	71.2	66.6	63.4	58.6	54.7
H	24.41	37.28	5.41	19.90	93.7	85.0	76.8	70.7	66.1	62.3	57.6	53.7
H	8.43	33.42	16.68	19.90	94.2	86.6	78.9	73.5	69.2	65.7	61.2	57.7
H	5.58	10.76	36.72	19.94	93.0	84.6	75.7	69.5	64.4	60.5	55.7	51.8
H	1.45	20.15	22.50	19.95	93.8	85.4	77.4	71.6	66.9	63.3	58.5	55.1
H	33.07	5.60	35.80	19.96	93.1	85.2	76.8	70.7	65.5	62.3	57.8	53.9
H	29.86	2.37	18.66	19.96	93.7	86.1	77.3	72.3	67.7	64.2	59.7	56.2
H	10.90	1.78	31.21	19.97	93.5	85.1	76.9	70.5	66.2	61.7	57.3	53.2
H	29.38	21.37	44.34	19.97	93.4	85.0	76.7	70.7	66.3	62.2	58.2	54.1
H	17.92	32.70	5.63	19.99	93.6	85.4	76.7	71.0	65.7	62.6	58.1	54.3
H	39.90	27.03	37.99	19.99	93.6	84.9	76.7	70.8	66.1	62.1	57.7	53.9
H	13.21	2.98	36.65	20.00	93.2	84.8	76.7	70.1	65.9	61.8	56.7	53.4
H	39.13	42.12	30.75	20.02	93.0	84.9	76.1	69.8	64.8	60.7	56.6	52.5
H	32.33	9.19	12.88	20.02	93.7	85.6	77.0	71.3	66.2	62.5	58.0	54.2
H	41.28	42.05	24.50	20.03	93.5	84.8	76.4	70.2	65.1	61.5	56.8	53.2
H	25.36	0.92	35.22	20.03	93.2	84.9	76.1	70.2	66.1	62.0	56.9	53.1
H	10.29	7.28	13.66	20.04	93.3	84.9	76.3	70.3	65.2	61.4	56.9	53.1
H	31.54	42.16	9.30	20.06	93.4	84.8	76.7	70.3	65.6	61.2	56.9	53.0
H	1.79	21.84	31.53	20.06	93.7	85.2	76.7	70.9	66.2	62.6	58.3	54.7
H	7.97	16.55	41.75	20.08	92.9	84.5	75.7	69.2	64.4	60.5	55.7	51.6
H	1.13	22.02	25.86	20.12	93.8	85.4	77.4	71.8	66.9	63.2	59.2	55.3
H	33.95	18.91	41.82	20.12	93.3	85.0	76.5	70.3	65.9	62.2	57.7	54.1
H	16.74	34.40	6.61	20.13	93.7	85.5	76.9	71.1	66.2	62.3	58.2	54.3
H	4.60	29.99	28.72	20.13	93.4	85.4	77.2	71.3	66.6	63.2	58.7	54.7
H	44.21	37.18	27.69	20.16	93.3	84.9	76.5	70.6	65.6	61.8	57.6	53.2
H	35.16	4.48	29.73	20.18	93.1	84.9	76.3	70.4	65.5	61.8	57.0	53.5
H	38.12	9.96	20.14	20.20	93.7	85.5	77.2	70.9	65.9	62.7	58.2	54.6
H	5.16	26.02	16.40	20.20	94.1	86.5	78.2	72.8	68.8	64.8	60.8	56.7
H	13.95	7.93	10.68	20.21	93.4	84.9	76.3	70.3	65.6	61.4	56.6	52.9
H	8.98	2.50	30.15	20.21	93.5	85.3	76.9	70.5	66.2	61.9	57.3	52.7
H	19.93	41.85	9.46	20.24	93.4	85.0	76.3	70.5	65.7	61.7	57.4	52.9
H	40.22	43.17	26.19	20.25	93.6	84.9	76.3	70.0	65.3	61.4	56.9	53.4
H	40.76	14.25	26.38	20.27	93.5	85.3	77.8	71.4	66.5	63.0	58.7	55.1
H	14.63	39.52	10.88	20.37	93.4	85.1	77.3	71.3	66.3	62.4	58.2	54.3
H	4.80	16.54	38.84	20.38	92.8	84.3	76.1	69.7	64.7	60.5	55.8	52.3
H	34.51	39.58	38.32	20.40	92.9	84.5	76.0	69.3	64.6	60.2	55.6	51.9
H	31.98	23.32	42.93	20.41	93.2	85.0	76.9	70.5	66.0	61.8	57.8	53.9
H	36.51	42.99	33.53	20.41	93.0	84.6	76.0	69.8	64.8	61.0	56.2	52.5
H	2.67	26.74	22.58	20.44	93.6	85.9	78.0	72.1	67.4	63.9	59.0	56.1
H	23.63	3.36	40.07	20.44	93.1	84.6	76.0	69.7	65.0	61.2	56.2	52.9
H	38.48	10.67	33.53	20.44	93.1	84.6	75.9	69.3	64.6	61.0	56.1	52.3
H	2.31	10.95	22.46	20.44	93.4	84.6	76.4	69.8	64.8	61.1	56.0	52.6
H	33.45	41.40	37.44	20.45	92.8	84.4	75.8	69.2	64.8	60.6	55.7	51.5
H	14.49	37.48	36.97	20.47	93.6	84.9	77.0	70.3	65.8	62.0	57.7	53.7

H	18.09	8.39	8.87	20.47	93.1	85.0	76.7	71.0	65.5	61.9	57.1	53.4
H	21.15	37.94	40.48	20.49	93.2	84.7	76.4	69.8	65.1	60.9	56.7	52.8
H	28.78	43.38	37.04	20.49	93.0	84.6	76.1	69.5	65.0	60.7	56.4	52.3
H	20.70	35.84	4.90	20.52	93.6	84.9	76.7	70.3	65.7	61.6	56.8	53.2
H	43.61	39.83	25.29	20.55	93.6	84.9	76.4	70.2	65.6	61.4	57.2	53.2
H	43.44	18.34	29.10	20.56	93.3	85.3	76.9	71.1	66.6	63.0	58.3	54.5
H	21.05	37.88	5.70	20.56	93.5	85.0	76.7	70.6	65.3	61.6	56.8	53.0
H	1.53	11.85	24.39	20.57	93.2	84.6	76.2	70.2	64.7	61.2	56.1	52.6
H	41.45	25.45	37.04	20.58	93.6	85.0	76.8	70.6	65.8	62.1	57.7	53.9
H	25.28	29.81	2.64	20.58	93.6	85.1	77.2	71.3	66.7	63.0	58.1	55.0
H	10.43	24.82	9.99	20.59	93.7	85.9	77.5	71.4	67.2	63.8	59.1	54.9
H	11.99	1.06	19.90	20.59	93.5	85.2	77.2	70.9	66.3	62.4	57.6	53.9
H	15.60	0.65	17.50	20.60	93.7	85.4	77.2	71.8	66.6	63.1	58.7	54.4
H	20.39	39.76	39.24	20.61	93.2	84.5	76.2	69.8	65.1	61.1	56.5	52.9
H	26.64	7.26	42.87	20.62	93.3	84.4	76.4	70.5	65.2	61.2	56.5	53.5
H	7.63	2.82	24.02	20.62	93.6	85.2	76.4	70.4	65.5	61.6	57.2	53.3
H	42.17	25.86	9.86	20.63	93.4	84.7	76.4	70.4	65.6	61.7	57.1	53.0
H	1.30	24.87	26.78	20.65	93.7	85.1	77.4	71.6	66.9	63.1	59.0	55.1
H	15.70	14.53	6.90	20.65	93.7	85.0	76.6	70.1	65.0	61.7	56.8	53.2
H	10.14	29.78	10.68	20.68	93.9	85.5	77.1	70.9	66.5	62.5	57.9	54.3
H	43.00	39.94	28.44	20.69	93.4	84.6	76.4	70.4	65.3	61.6	57.1	53.1
H	23.94	41.24	39.22	20.69	93.2	84.5	76.1	69.5	64.8	60.8	56.3	52.7
H	29.15	14.82	7.81	20.69	93.8	85.4	77.7	71.7	66.5	62.9	58.3	55.1
H	33.59	15.18	42.55	20.71	93.1	85.1	76.7	70.7	65.4	61.8	57.0	53.6
H	0.55	20.93	29.84	20.78	93.6	85.1	76.7	71.3	66.3	62.9	58.2	55.2
H	12.61	9.13	43.16	20.80	93.1	84.3	75.4	68.9	63.9	59.9	54.7	51.1
H	8.89	35.95	31.10	20.80	93.6	85.6	77.3	71.8	66.7	63.4	58.7	55.1
H	27.83	13.00	7.65	20.80	93.9	85.3	77.3	71.5	66.8	62.9	58.3	55.0
H	18.77	7.01	43.80	20.82	93.0	84.2	76.0	69.3	64.5	60.6	56.2	51.5
H	33.86	24.79	42.31	20.84	93.1	84.8	76.9	70.6	65.9	62.0	57.8	53.8
H	32.46	13.19	43.06	20.85	93.1	84.9	76.6	70.9	65.5	61.7	57.0	53.9
H	43.60	40.07	19.66	20.86	93.5	85.0	77.1	70.3	65.4	61.6	57.2	53.2
H	6.03	7.62	16.61	20.87	93.4	84.7	76.2	69.8	65.3	61.4	56.6	52.3
H	16.72	3.22	40.25	20.90	93.1	84.6	76.1	69.9	65.3	61.1	56.0	52.5
H	38.85	13.57	15.11	20.91	93.2	85.5	76.9	70.7	65.5	62.3	57.7	53.2
H	36.28	28.40	41.67	20.91	93.5	84.9	76.7	70.7	65.9	61.7	57.6	53.4
H	30.16	5.84	12.56	20.92	93.8	85.5	76.6	70.9	66.1	62.5	57.9	53.9
H	24.04	16.73	5.87	20.93	93.4	85.6	77.9	71.6	67.1	63.1	58.5	54.8
H	16.13	22.77	5.92	20.94	93.7	85.4	76.5	71.4	66.6	62.0	58.0	53.8
H	39.87	17.59	35.42	20.96	93.6	84.8	77.0	70.6	66.3	62.4	57.6	54.5
H	23.62	8.88	8.02	20.97	93.7	84.9	76.8	70.1	65.4	61.7	57.3	53.3
H	33.66	5.80	15.63	20.97	93.6	85.6	76.8	71.4	66.7	63.0	58.3	54.2
H	3.91	6.82	30.59	20.97	93.0	84.2	76.3	70.0	64.8	60.4	55.9	51.9
H	31.78	4.98	14.59	20.98	93.7	85.4	76.9	71.4	66.3	62.9	58.2	54.3
H	30.49	36.87	41.97	20.98	93.3	84.5	76.4	70.1	65.3	60.7	56.6	52.8
H	24.35	0.74	37.30	20.98	93.3	85.1	76.3	70.1	65.8	61.7	56.9	52.9
H	14.59	30.70	6.06	20.99	93.2	85.2	76.8	70.3	65.9	61.5	57.4	52.9
H	6.81	34.88	26.06	21.00	93.4	85.5	78.1	71.5	67.3	64.2	59.3	55.8
H	3.20	20.91	15.49	21.01	93.3	85.2	76.6	70.7	65.9	62.1	58.4	53.6
H	30.48	21.24	3.80	21.01	93.6	85.1	76.7	70.6	65.9	62.7	58.1	54.4
H	41.50	21.53	36.22	21.02	93.4	85.1	77.0	70.0	65.5	61.8	57.2	53.1
H	38.63	39.89	10.19	21.03	93.2	84.4	76.0	69.7	64.6	60.6	56.2	52.5
H	24.65	20.58	3.74	21.04	93.9	85.6	77.8	71.5	67.3	63.3	58.7	55.4
H	3.93	30.59	24.05	21.05	94.1	85.5	77.7	71.8	67.1	63.7	59.0	55.6
H	24.51	10.85	7.17	21.07	93.5	84.9	76.9	70.3	65.4	61.8	57.2	53.1
H	10.83	10.65	43.31	21.07	93.3	84.1	75.4	69.0	63.6	59.8	54.9	51.2
H	4.73	31.19	22.02	21.11	94.1	85.6	77.6	71.8	67.0	63.6	59.0	55.6
H	3.55	10.25	35.33	21.12	93.0	84.4	75.6	69.1	64.6	60.2	55.8	51.9
H	29.88	28.17	2.24	21.15	93.2	85.0	76.7	70.3	65.8	61.9	57.4	53.4
H	4.30	8.52	17.91	21.15	93.3	84.6	76.0	70.2	65.4	61.2	56.9	52.0
H	18.91	43.63	10.50	21.16	93.5	84.9	76.2	70.6	65.7	61.8	57.0	53.0
H	28.54	42.37	39.00	21.17	93.1	84.6	76.4	69.7	65.0	60.5	56.3	52.7

H	35.88	4.46	31.94	21.17	93.1	84.8	76.2	70.2	65.4	62.1	57.2	53.3
H	37.64	11.21	37.35	21.19	93.0	84.6	76.0	69.4	64.6	60.3	56.0	52.1
H	2.39	8.12	25.27	21.22	93.0	84.7	76.3	70.0	65.0	61.1	56.4	52.4
H	29.67	8.44	9.90	21.25	93.4	85.3	76.3	70.6	65.9	62.0	57.5	53.2
H	28.84	19.65	3.94	21.25	93.5	85.2	77.0	70.6	66.0	62.7	58.0	54.6
H	10.32	33.22	37.50	21.28	93.2	85.3	76.2	70.2	65.6	61.9	57.0	53.6
H	43.68	17.43	16.85	21.30	93.3	84.8	76.7	69.8	64.9	61.4	57.0	53.0
H	14.94	37.06	7.48	21.32	93.6	85.0	76.9	71.1	66.0	62.2	57.8	54.1
H	11.35	17.07	7.49	21.33	93.5	85.2	76.1	70.0	65.7	61.6	56.9	53.4
H	16.75	6.00	43.40	21.37	92.9	83.9	76.0	69.4	64.5	60.6	56.3	51.5
H	11.52	1.75	16.93	21.38	93.5	84.8	76.8	70.6	65.8	61.7	57.4	53.4
H	42.15	37.81	34.52	21.41	93.2	84.3	76.2	70.0	64.8	60.8	56.0	52.5
H	1.18	18.39	34.89	21.44	93.3	84.8	76.6	70.1	65.6	61.9	56.8	53.4
H	6.46	30.46	36.80	21.45	93.3	84.4	76.1	69.8	65.2	61.8	57.1	53.1
H	40.09	32.06	6.81	21.47	93.2	84.5	76.7	69.7	65.1	61.2	56.4	52.4
H	31.32	25.53	2.39	21.48	93.3	85.3	76.7	70.2	65.9	61.9	57.4	53.2
H	4.10	27.14	36.66	21.49	93.3	84.4	76.0	69.5	64.9	60.9	56.3	52.8
H	30.12	40.59	5.71	21.50	93.3	84.8	76.4	70.3	65.3	61.1	56.8	53.1
H	36.96	25.49	4.52	21.52	93.2	84.8	76.3	70.1	65.1	61.4	56.6	53.0
H	10.33	19.07	7.78	21.52	93.4	85.1	76.2	70.2	65.7	61.9	57.0	53.2
H	36.31	38.23	6.56	21.53	93.3	84.7	76.1	69.6	65.2	60.7	56.5	52.7
H	42.88	14.58	20.87	21.54	93.5	84.8	76.6	70.4	65.5	61.9	57.0	53.7
H	44.61	24.86	11.88	21.55	93.4	84.9	76.7	70.7	66.2	62.1	57.7	53.4
H	11.80	11.24	8.33	21.55	93.5	84.4	76.1	69.4	64.6	60.9	56.1	51.7
H	7.75	14.80	43.19	21.56	92.8	84.4	75.8	69.2	64.4	60.3	55.4	51.7
H	41.28	35.42	8.93	21.56	93.1	84.6	76.5	69.6	65.1	61.6	56.4	52.6
H	34.77	3.01	32.63	21.59	93.2	84.8	76.2	70.4	65.4	61.8	57.1	53.4
H	0.36	17.31	33.03	21.60	93.2	84.8	77.0	70.0	65.4	62.0	56.8	53.2
H	35.14	36.84	5.13	21.60	93.4	84.7	76.2	70.0	65.0	60.6	56.3	52.7
H	44.54	36.57	32.09	21.62	93.1	84.5	76.1	69.9	65.1	61.3	56.2	52.9
H	33.21	30.62	43.61	21.63	93.2	84.7	76.1	69.9	65.5	61.2	56.7	52.8
H	1.40	27.59	28.23	21.63	93.6	85.1	77.6	71.3	66.8	63.1	59.0	55.2
H	20.36	34.48	43.00	21.67	93.6	84.8	76.2	70.6	65.8	61.3	56.4	52.7
H	8.23	24.21	9.90	21.68	93.7	85.9	77.4	70.9	67.1	63.6	58.9	55.0
H	38.42	5.81	24.13	21.70	93.5	84.8	76.7	69.8	65.4	61.3	56.7	52.9
H	38.32	29.45	4.90	21.70	93.3	84.5	76.4	69.6	64.8	61.3	56.3	52.2
H	31.06	10.20	9.15	21.71	93.6	85.3	76.5	70.8	65.7	62.1	57.3	53.2
H	19.33	23.46	3.28	21.73	93.7	85.5	77.3	71.6	66.8	62.8	58.2	54.5
H	8.08	14.61	9.37	21.73	93.4	84.8	75.6	69.7	65.1	61.1	56.0	52.2
H	43.20	23.10	36.09	21.74	93.4	84.9	77.0	70.2	65.7	62.0	57.2	53.2
H	8.04	33.51	35.40	21.75	93.4	84.9	76.3	70.2	65.8	61.3	57.1	53.3
H	18.93	28.01	2.78	21.75	93.6	85.9	77.8	71.8	66.6	63.1	58.9	54.8
H	10.48	43.08	24.24	21.76	93.3	85.2	77.3	71.1	66.3	62.5	58.0	54.4
H	14.50	32.50	41.80	21.76	93.1	84.7	76.5	69.5	65.0	61.2	56.9	52.9
H	9.09	5.35	13.69	21.78	93.4	84.7	76.2	70.5	65.3	61.4	56.9	53.2
H	37.70	22.68	40.95	21.78	93.6	85.0	76.8	70.6	65.5	62.1	57.4	53.7
H	31.06	44.59	9.14	21.79	93.4	84.6	76.5	70.3	65.5	61.2	57.0	53.4
H	14.85	39.72	8.60	21.80	93.4	85.1	77.3	71.0	66.2	62.2	57.9	54.1
H	15.96	37.31	40.08	21.87	93.5	84.5	76.1	69.9	65.1	61.1	57.0	53.0
H	35.73	15.26	8.30	21.88	93.3	84.7	76.1	69.5	64.9	60.5	56.3	52.2
H	44.05	16.33	28.24	21.88	93.5	85.1	77.0	70.8	66.5	62.9	58.2	54.5
H	35.68	2.75	30.52	21.89	93.2	84.7	76.1	70.3	65.5	61.8	57.0	53.2
H	43.94	32.06	36.01	21.89	93.3	84.5	76.2	69.9	65.0	61.1	56.6	52.8
H	15.93	24.49	4.43	21.90	93.6	85.5	76.6	71.2	66.3	62.2	57.8	54.2
H	14.43	2.11	13.38	21.90	93.5	84.9	76.7	70.5	65.7	61.9	57.4	53.4
H	33.61	25.36	2.61	21.91	93.4	85.1	76.6	70.4	65.6	61.7	57.3	53.0
H	20.95	21.90	2.99	21.93	93.6	85.5	77.4	71.6	67.0	63.0	58.4	54.3
H	39.13	42.16	34.92	21.97	93.2	84.5	75.8	69.6	64.9	60.4	55.6	51.9
H	41.08	12.09	32.50	21.97	93.1	84.8	76.1	69.6	64.7	61.4	56.6	52.5
H	29.31	33.63	44.32	21.97	93.4	84.4	76.1	70.3	65.0	61.2	56.5	52.9
H	40.32	19.15	8.73	21.98	93.1	84.9	75.9	69.7	65.1	61.0	56.7	51.8
H	39.53	8.69	33.02	21.99	93.2	84.8	76.0	69.2	64.7	61.0	56.1	52.0

H	36.63	36.50	41.03	22.03	93.4	84.7	76.2	69.3	64.6	60.6	56.0	52.5
H	5.18	19.15	11.07	22.04	93.5	85.2	76.7	70.0	65.5	62.0	56.9	53.1
H	9.59	41.31	28.83	22.05	93.8	84.8	77.3	71.1	66.3	62.4	58.1	53.6
H	44.12	38.77	31.72	22.06	93.2	84.6	76.3	70.1	64.8	61.1	56.2	52.8
H	18.21	41.97	38.46	22.07	93.4	84.5	76.0	69.7	64.9	60.9	56.3	52.4
H	37.50	33.61	41.63	22.07	93.2	84.5	76.2	69.8	64.5	60.6	56.1	52.5
H	21.41	39.93	4.95	22.09	93.5	84.8	76.5	70.5	65.6	61.5	57.1	52.9
H	4.07	17.52	40.78	22.10	92.8	84.3	75.9	69.4	64.7	60.5	56.0	52.2
H	43.13	40.57	14.79	22.11	93.4	84.6	75.9	69.5	64.3	60.5	56.0	52.2
H	31.25	1.90	37.11	22.18	93.2	84.7	76.2	69.9	64.7	60.7	56.7	52.8
H	38.73	12.84	38.54	22.21	93.2	84.6	75.8	69.2	64.8	60.1	56.1	52.1
H	40.81	43.64	31.05	22.23	93.2	84.7	75.9	69.8	64.8	60.7	56.5	52.7
H	18.86	0.96	12.79	22.28	93.4	84.9	76.3	70.6	65.9	61.4	57.3	53.0
H	29.28	5.26	10.54	22.30	93.8	85.4	76.6	70.7	66.0	62.1	57.6	53.7
H	37.17	4.06	21.23	22.31	93.4	84.7	76.4	70.2	65.6	61.7	57.4	53.6
H	13.51	35.64	6.44	22.38	93.6	85.0	77.0	71.0	66.0	62.4	57.5	54.0
H	41.72	43.25	15.65	22.42	93.2	84.4	75.6	69.4	64.5	60.5	56.1	51.9
H	0.31	24.17	19.75	22.43	93.8	85.7	77.6	71.8	67.2	63.5	58.9	55.2
H	44.46	38.79	14.26	22.44	93.4	84.4	76.1	69.6	64.5	60.4	56.0	52.2
H	5.44	21.34	10.50	22.45	93.2	85.2	76.6	70.3	65.6	62.1	57.0	53.2
H	34.38	18.69	4.50	22.45	93.2	84.4	75.9	69.6	64.8	60.9	56.2	52.3
H	22.30	41.82	40.69	22.46	93.1	84.5	76.1	69.8	64.9	60.7	56.2	52.6
H	40.19	7.21	23.80	22.46	93.3	84.7	76.7	70.2	65.3	61.3	56.8	53.0
H	3.36	4.75	29.72	22.46	93.1	84.4	76.5	69.7	64.5	60.2	55.6	51.8
H	31.89	0.83	35.18	22.47	93.3	84.5	76.2	69.9	65.1	61.0	57.0	52.8
H	43.18	20.05	35.73	22.47	93.3	85.0	76.9	70.0	65.6	61.8	57.3	53.1
H	24.02	1.20	40.68	22.51	93.0	85.0	75.8	69.9	65.0	61.2	56.4	53.2
H	44.58	14.96	23.40	22.51	93.4	84.8	76.4	70.4	65.4	61.6	57.1	53.7
H	10.61	44.32	22.32	22.51	93.2	85.3	77.5	70.9	66.3	62.7	57.7	54.5
H	6.30	27.65	12.08	22.52	93.4	85.3	76.9	71.0	66.3	63.0	58.5	54.3
H	43.88	16.78	14.67	22.53	93.4	84.8	76.9	69.8	65.1	61.3	56.8	52.7
H	1.06	28.23	30.81	22.57	93.5	85.1	77.5	71.2	66.9	63.5	58.9	55.3
H	24.07	36.24	44.18	22.57	93.5	84.5	76.0	70.3	65.3	61.6	56.7	52.7
H	12.88	5.42	9.88	22.57	93.1	84.7	76.2	69.9	64.9	61.2	56.2	52.6
H	7.86	40.38	18.99	22.57	93.5	85.0	77.3	70.9	66.3	62.4	57.8	53.8
H	4.89	32.92	18.79	22.58	93.9	85.6	78.1	71.8	67.3	63.6	59.0	55.5
H	4.53	3.94	20.73	22.60	93.1	84.7	76.0	69.9	64.9	60.9	56.4	52.1
H	34.55	1.13	21.35	22.61	93.5	85.2	76.9	70.3	65.9	61.8	57.9	53.9
H	10.12	9.67	8.60	22.65	93.3	84.7	76.2	69.0	64.6	61.1	55.8	52.1
H	29.55	26.47	0.76	22.66	93.2	85.3	76.7	70.3	65.9	62.0	57.4	53.0
H	36.90	2.40	27.88	22.66	93.3	84.8	76.1	70.3	65.4	61.6	57.2	53.3
H	5.10	8.97	39.73	22.67	92.9	84.1	75.3	69.1	63.9	60.1	54.9	50.9
H	18.52	17.22	3.99	22.67	93.5	85.2	76.9	71.2	66.1	62.2	57.2	53.7
H	37.02	13.04	10.23	22.67	93.5	84.4	75.9	69.8	64.6	61.0	56.0	52.3
H	36.24	3.33	19.27	22.68	93.5	84.8	76.4	70.0	66.0	62.0	57.7	53.6
H	9.83	31.52	8.16	22.68	93.7	85.1	76.4	70.5	65.7	61.8	57.3	53.6
H	33.69	31.70	1.82	22.69	93.3	84.6	76.1	69.8	65.4	60.9	56.8	52.6
H	27.15	2.37	41.31	22.70	93.4	84.8	76.1	69.6	65.1	60.9	56.1	52.3
H	32.73	8.03	10.07	22.75	93.7	85.5	76.5	70.7	65.8	62.0	57.5	53.4
H	12.54	44.41	14.94	22.76	93.5	84.9	76.8	70.4	65.4	62.1	56.9	53.3
H	16.57	36.28	42.02	22.76	93.4	84.4	76.4	70.0	65.3	61.2	56.9	52.7
H	17.69	19.32	3.99	22.76	93.6	85.2	76.9	70.9	66.0	62.5	57.1	53.9
H	13.40	42.86	34.87	22.77	93.3	84.1	76.1	69.8	65.0	61.1	56.1	52.8
H	6.46	9.21	41.55	22.79	92.9	84.4	75.4	69.3	63.9	59.8	54.8	51.1
H	6.87	3.20	36.13	22.82	92.9	84.3	75.9	69.1	64.1	60.1	55.4	51.5
H	23.81	40.92	4.19	22.82	93.5	84.8	76.3	69.7	65.4	61.6	56.6	52.7
H	6.76	16.36	8.70	22.83	93.2	85.0	75.8	69.9	65.0	61.3	56.5	52.1
H	38.26	17.19	41.33	22.85	93.2	84.2	75.9	69.5	64.7	60.4	55.8	52.1
H	28.87	4.42	42.77	22.87	93.3	84.7	75.8	69.9	64.9	60.8	56.1	52.5
H	14.91	14.62	4.76	22.88	93.3	84.8	76.7	69.9	64.9	61.6	56.7	53.3
H	19.69	38.82	3.91	22.88	93.5	85.0	76.7	70.5	65.6	61.8	57.1	53.1
H	1.01	15.27	37.36	22.89	93.0	84.3	76.2	69.4	64.6	60.8	55.9	52.0

H	6.46	0.88	23.58	22.89	93.6	85.1	76.3	70.3	65.4	61.8	56.9	53.5
H	37.90	29.19	43.08	22.94	93.5	85.1	76.5	70.7	65.7	61.8	57.2	53.6
H	37.83	15.90	7.59	22.95	93.2	84.6	75.9	69.5	64.9	60.5	55.9	52.0
H	4.38	26.78	12.95	22.96	93.5	85.2	77.0	71.3	66.7	62.5	58.5	54.5
H	39.69	19.55	6.50	22.98	93.1	84.8	76.1	69.7	64.8	61.1	56.3	51.8
H	12.25	34.30	40.71	23.02	93.5	84.6	76.3	69.7	64.7	60.9	56.4	52.8
H	3.81	3.08	28.25	23.02	93.1	84.5	76.3	69.9	64.7	60.3	55.9	51.8
H	5.00	35.68	19.36	23.07	94.0	85.7	77.7	71.8	67.3	63.0	58.9	55.4
H	5.13	34.40	17.10	23.07	93.8	85.5	77.7	71.9	67.1	63.4	58.9	55.7
H	16.69	32.43	44.33	23.08	93.4	84.8	76.7	70.1	65.2	61.4	56.7	53.0
H	2.71	21.96	40.24	23.08	93.2	84.5	76.1	69.6	64.7	60.6	55.7	52.1
H	35.84	41.88	6.74	23.09	93.0	84.4	75.6	69.4	64.3	60.1	55.3	51.5
H	42.05	16.19	11.17	23.10	93.3	84.7	76.2	69.9	64.8	61.0	56.5	52.1
H	2.64	32.19	29.62	23.10	93.4	85.4	76.9	71.0	66.1	62.7	58.3	54.4
H	23.77	42.90	5.29	23.10	93.5	84.6	76.3	69.9	65.2	61.5	56.4	52.9
H	24.64	23.13	0.74	23.10	93.8	85.3	77.6	71.5	67.2	62.8	58.5	55.0
H	13.36	31.84	4.45	23.14	93.2	85.2	76.6	70.2	65.7	61.5	56.9	53.0
H	10.39	40.95	34.07	23.18	93.4	84.9	76.2	69.8	65.1	61.0	56.3	52.7
H	27.76	41.04	42.59	23.18	93.1	84.3	75.9	69.9	64.7	60.8	56.1	52.5
H	1.31	21.62	14.49	23.21	93.3	85.3	76.8	70.5	66.0	62.1	58.1	53.7
H	7.99	1.29	17.60	23.22	93.4	85.0	76.5	70.1	64.9	61.3	56.6	53.1
H	14.18	43.60	10.61	23.22	93.3	84.9	76.1	70.0	65.4	61.4	56.5	52.7
H	43.01	14.49	32.55	23.24	93.3	84.7	76.5	69.6	64.7	61.5	56.7	52.7
H	42.08	28.66	5.80	23.24	93.6	84.5	75.9	69.5	64.8	60.8	56.0	52.3
H	27.47	0.46	13.26	23.24	93.7	85.1	77.3	71.0	66.5	62.7	58.0	54.0
H	8.79	6.59	42.45	23.25	93.2	84.5	75.3	68.8	63.1	59.9	54.6	51.2
H	42.33	9.51	28.85	23.31	93.3	84.7	76.4	69.6	64.1	61.0	56.7	53.0
H	20.72	13.45	3.72	23.31	93.6	84.5	76.8	70.6	66.0	61.9	56.9	53.7
H	14.71	9.83	5.72	23.32	93.3	84.8	76.0	69.4	64.6	60.4	55.7	51.9
H	23.45	28.05	0.02	23.33	93.7	85.2	77.1	71.7	66.4	63.4	58.1	55.0
H	7.20	26.28	43.66	23.33	93.3	84.7	75.8	69.7	64.4	60.6	55.8	51.5
H	11.76	27.96	5.07	23.39	93.7	84.7	76.2	70.0	65.3	60.8	56.6	52.4
H	18.44	44.25	38.42	23.42	93.3	84.6	75.7	70.0	64.8	60.8	56.4	52.5
H	22.26	7.52	5.81	23.42	93.5	84.5	76.4	69.9	64.8	61.0	57.1	52.9
H	17.75	1.28	10.83	23.43	93.5	84.9	76.2	70.6	65.9	61.8	57.3	53.0
H	26.49	39.54	43.80	23.44	93.2	84.4	75.8	69.9	64.8	60.5	56.2	52.5
H	5.84	20.37	44.36	23.45	93.2	84.6	75.7	69.6	64.8	60.6	55.6	52.0
H	43.87	22.25	8.52	23.47	93.2	84.5	76.0	69.8	65.0	60.7	56.2	52.0
H	7.35	28.43	42.89	23.52	93.2	84.7	75.8	69.5	64.5	60.3	56.0	51.9
H	38.93	7.42	36.95	23.54	92.9	84.6	75.5	68.7	64.1	60.2	55.4	51.5
H	10.06	21.96	5.90	23.56	93.4	84.9	76.5	70.2	65.4	60.9	56.4	53.1
H	30.22	35.38	0.89	23.56	93.4	84.4	75.9	70.2	65.1	61.2	56.5	52.7
H	2.00	15.32	12.76	23.58	93.2	84.6	76.3	70.0	64.8	61.3	56.6	52.6
H	41.43	26.61	41.37	23.59	93.3	85.0	76.7	70.2	65.1	61.0	56.9	52.7
H	26.46	5.61	7.47	23.59	93.4	85.2	76.3	70.5	65.1	61.3	56.5	52.6
H	6.95	34.37	11.43	23.61	93.4	84.8	76.4	70.4	65.4	61.2	56.2	52.8
H	18.96	42.93	6.03	23.65	93.3	84.9	76.2	70.3	65.1	61.1	56.6	52.4
H	2.47	6.01	34.70	23.68	92.9	84.4	75.4	69.1	63.9	60.2	55.9	52.1
H	24.99	2.62	9.33	23.68	93.5	84.8	76.8	70.6	65.7	61.7	57.1	53.2
H	24.33	0.47	11.41	23.69	93.6	85.1	76.8	70.7	65.7	62.0	57.3	53.6
H	41.19	39.19	38.43	23.69	93.1	84.4	75.2	69.1	64.1	60.0	55.5	51.4
H	1.55	7.98	35.38	23.71	93.0	84.4	75.5	69.2	64.1	60.2	55.6	51.8
H	2.20	27.49	37.88	23.72	93.5	84.4	75.9	69.4	65.0	60.9	56.5	52.7
H	6.11	9.54	10.23	23.72	92.9	84.3	75.5	68.8	64.1	60.3	54.8	51.2
H	39.89	30.45	3.58	23.72	93.1	84.3	76.0	69.4	64.7	61.0	56.4	52.3
H	14.12	41.56	38.52	23.73	93.3	84.6	76.2	69.6	64.7	61.1	56.6	52.3
H	4.97	13.44	43.44	23.78	92.9	84.4	75.5	68.8	64.1	60.4	55.3	51.1
H	37.02	33.75	2.40	23.79	93.1	84.5	75.6	69.5	64.6	60.3	55.9	51.9
H	4.83	4.04	36.62	23.81	93.0	84.2	75.7	69.0	64.1	59.8	55.7	51.6
H	40.40	9.41	16.17	23.82	93.4	85.0	76.4	69.8	65.1	61.1	56.6	52.6
H	0.79	18.01	13.72	23.84	93.4	84.7	76.6	69.9	65.1	61.4	57.0	52.7
H	33.76	16.59	3.76	23.84	93.1	84.3	76.3	69.7	64.7	61.1	56.5	52.5

H	43.74	12.55	18.54	23.85	93.4	84.5	76.6	70.1	64.8	61.1	56.2	53.3
H	7.50	1.99	15.45	23.90	93.4	84.9	76.6	70.0	64.8	61.2	56.5	53.0
H	41.78	30.95	41.45	23.92	93.4	84.5	76.0	69.8	64.8	60.0	55.8	52.2
H	2.27	10.96	13.45	23.94	93.3	84.2	75.8	69.5	64.5	60.7	55.6	52.1
H	9.16	4.37	42.00	23.98	93.3	84.2	75.5	69.0	63.2	59.5	54.5	51.3
H	42.72	32.77	40.40	24.01	93.3	84.6	75.6	69.7	64.3	60.3	55.8	52.0
H	36.71	8.49	41.63	24.01	93.2	84.6	75.4	69.1	64.2	59.6	55.0	51.4
H	9.51	39.71	35.76	24.03	93.2	84.7	76.1	69.9	65.1	61.0	56.0	52.4
H	21.12	33.38	0.24	24.04	93.6	85.0	76.2	70.3	66.0	61.2	56.6	52.8
H	8.74	43.46	29.11	24.05	93.8	85.0	77.3	70.9	66.3	62.4	57.9	53.4
H	22.22	36.59	0.91	24.05	93.6	84.5	76.3	70.1	65.3	61.5	56.8	52.5
H	5.11	33.67	36.34	24.07	93.4	84.8	75.8	70.0	65.1	61.4	56.9	53.0
H	36.39	35.93	2.43	24.08	93.3	84.3	75.5	69.3	64.9	60.2	56.1	52.2
H	10.25	0.28	14.75	24.08	93.4	84.9	76.6	70.1	65.6	62.0	56.8	53.1
H	40.36	9.15	37.31	24.10	92.9	84.5	75.7	69.0	64.1	60.0	55.2	51.5
H	43.74	19.58	8.71	24.11	93.3	84.8	76.0	69.6	64.9	61.0	56.2	51.8
H	9.13	36.10	8.34	24.12	93.4	84.9	76.5	69.9	65.6	61.0	56.2	52.6
H	38.14	43.47	38.15	24.15	93.0	84.1	75.4	68.8	64.2	59.7	55.0	51.2
H	1.47	14.14	40.19	24.15	93.0	84.3	75.8	69.3	64.5	60.4	55.7	52.0
H	41.76	17.64	38.73	24.19	93.2	84.4	76.3	69.2	64.0	60.4	56.1	52.5
H	5.29	30.76	40.28	24.22	93.4	84.1	75.7	69.1	64.5	60.6	56.1	51.8
H	10.98	2.31	41.67	24.24	93.2	84.3	75.9	68.9	63.5	59.8	55.1	50.8
H	30.29	40.20	2.20	24.26	93.2	84.1	75.5	69.6	64.7	60.9	56.4	52.4
H	17.84	41.50	4.60	24.28	93.5	84.6	76.5	70.2	65.5	61.3	56.6	52.7
H	41.38	36.90	40.47	24.28	93.1	84.2	75.4	68.9	63.9	59.9	55.1	51.3
H	37.74	7.85	12.49	24.30	93.5	84.8	76.2	69.7	64.8	61.1	55.8	52.4
H	12.81	39.98	39.53	24.31	93.3	84.4	76.2	69.5	65.1	61.2	56.5	52.4
H	3.78	36.68	20.99	24.34	93.9	85.5	77.6	71.9	67.0	62.8	58.8	55.5
H	43.34	14.30	12.60	24.34	93.4	84.6	76.4	69.6	64.8	61.0	56.8	52.2
H	5.58	40.07	27.61	24.41	93.5	84.7	76.2	70.0	65.0	62.2	56.9	52.7
H	18.61	3.71	7.14	24.42	93.4	84.7	75.7	69.6	64.6	60.7	55.9	52.0
H	39.98	9.66	13.96	24.44	93.6	85.1	76.2	69.8	65.0	61.2	56.3	52.7
H	28.58	6.13	6.79	24.45	93.5	84.9	76.5	70.4	65.2	61.4	56.6	52.5
H	4.08	35.84	29.87	24.47	93.2	84.5	76.6	69.6	65.4	61.4	57.0	52.9
H	36.15	21.23	1.80	24.48	93.5	84.3	76.1	69.2	65.1	60.8	56.1	52.2
H	7.79	21.59	6.04	24.52	93.3	84.9	76.0	70.0	65.2	60.9	56.3	52.8
H	40.55	5.40	19.66	24.52	93.6	84.7	76.3	69.6	65.5	61.2	56.7	52.9
H	12.12	3.11	43.59	24.55	93.1	84.3	75.5	68.8	63.4	59.6	55.2	50.9
H	33.16	42.48	42.23	24.56	93.1	84.4	75.5	69.1	64.3	60.1	55.6	51.3
H	38.14	24.88	1.74	24.57	93.0	84.9	76.3	69.7	65.4	61.0	56.6	53.0
H	28.68	17.51	1.25	24.57	93.5	85.2	76.6	70.8	66.4	62.1	57.8	54.3
H	15.82	8.08	4.77	24.59	93.2	84.6	76.0	69.3	64.7	60.5	55.8	52.1
H	9.57	41.99	11.43	24.67	93.3	84.4	75.7	69.1	64.1	60.2	55.4	51.7
H	3.43	1.96	20.71	24.69	93.3	84.4	75.8	69.8	65.2	60.8	56.4	52.2
H	2.90	25.07	10.97	24.71	93.4	85.4	76.7	70.8	66.1	62.3	57.7	53.9
H	37.26	6.45	40.74	24.75	93.3	84.4	75.4	69.2	63.9	59.5	55.2	51.5
H	42.87	26.97	4.49	24.80	93.5	84.4	76.2	69.5	64.7	60.8	55.9	51.9
H	3.99	11.36	43.27	24.84	93.0	84.2	75.1	68.8	64.2	60.1	55.1	51.4
H	22.44	43.11	42.79	24.84	93.2	84.1	75.9	69.6	64.8	61.1	56.0	52.4
H	0.67	30.46	18.57	24.86	93.7	85.4	77.3	71.2	66.8	63.9	58.7	54.8
H	37.60	19.67	2.65	24.87	93.3	84.7	76.1	69.0	64.7	60.7	56.0	52.2
H	22.17	5.29	5.38	24.90	93.4	84.5	76.3	70.1	65.0	61.1	56.7	52.6
H	2.51	24.32	42.24	24.93	92.9	84.6	76.0	69.4	64.2	60.2	55.8	52.0
H	41.28	16.63	40.79	24.94	93.2	84.6	75.8	69.4	64.1	60.7	55.8	52.3
H	37.65	11.19	8.94	24.96	93.5	84.3	75.9	70.0	64.7	60.8	56.1	52.2
H	44.38	10.02	27.98	24.97	93.2	85.0	76.2	69.7	64.3	60.9	56.7	53.2
H	34.20	1.80	39.60	24.97	93.2	84.6	75.5	69.2	64.2	60.2	55.4	51.6
H	20.77	14.68	1.80	24.98	93.3	84.8	76.6	70.7	65.8	61.7	57.0	53.5
H	17.66	11.95	2.58	24.99	93.0	84.7	76.0	70.4	65.3	61.4	56.4	52.9
H	26.44	17.16	0.86	24.99	93.5	85.4	76.6	70.6	66.0	62.2	57.8	54.6
H	39.79	17.95	42.91	25.02	93.3	84.3	75.8	69.6	64.3	60.5	55.7	52.4
H	43.11	23.23	41.19	25.02	93.2	84.7	76.2	69.8	64.7	60.6	56.3	52.7

H	0.96	33.13	23.12	25.03	93.4	85.4	77.7	71.8	66.9	63.3	58.9	55.0
H	40.88	26.51	43.63	25.06	93.4	84.8	76.6	70.3	65.2	61.2	56.6	52.8
H	1.50	32.46	33.84	25.07	93.5	84.7	76.3	70.1	65.1	61.1	56.5	53.0
H	12.12	44.39	36.05	25.08	93.2	84.1	76.3	70.1	64.7	61.3	56.1	52.9
H	12.33	43.77	9.27	25.08	93.5	84.7	76.2	69.8	65.1	60.9	56.2	52.4
H	9.70	35.85	6.12	25.08	93.4	84.7	76.2	69.7	65.5	61.0	56.1	52.8
H	9.65	28.61	4.58	25.13	93.6	84.8	76.1	70.0	65.4	60.6	56.3	52.5
H	35.94	42.86	4.68	25.18	92.9	84.1	75.5	69.1	64.3	59.9	55.3	51.4
H	19.60	0.07	43.75	25.20	93.0	84.2	75.4	69.4	64.6	60.3	55.8	52.2
H	5.04	41.18	19.94	25.21	93.6	84.7	77.1	70.6	65.6	62.1	57.5	53.7
H	39.09	2.37	19.50	25.23	93.5	84.7	76.4	69.9	65.8	61.4	56.9	53.3
H	16.25	29.40	0.08	25.28	93.2	85.1	77.1	70.6	65.6	61.8	57.4	53.5
H	44.60	40.90	10.40	25.30	93.1	84.0	75.1	69.1	63.8	60.0	55.2	51.2
H	41.81	43.39	9.44	25.31	93.1	83.9	75.2	68.7	63.6	59.4	54.7	50.9
H	33.53	37.19	0.39	25.31	93.4	84.2	75.5	69.1	65.3	60.3	55.6	52.0
H	5.30	41.82	26.19	25.31	93.5	84.7	76.4	70.2	65.1	62.1	56.8	52.7
H	6.41	34.95	9.24	25.34	93.4	84.6	76.5	70.4	65.2	61.4	56.1	52.8
H	5.93	38.22	34.11	25.35	93.1	84.6	76.0	69.7	65.2	60.9	56.4	52.5
H	1.99	12.37	10.72	25.37	93.0	84.4	76.0	69.4	64.4	60.4	55.6	51.8
H	0.72	3.37	23.29	25.38	93.1	84.3	75.8	70.3	64.7	60.6	56.2	52.7
H	24.37	10.99	2.46	25.39	93.5	85.0	76.2	69.9	65.4	61.6	56.7	53.0
H	44.17	11.28	16.72	25.42	93.5	84.6	76.5	70.2	64.9	61.0	56.3	53.2
H	0.93	30.43	16.27	25.47	93.5	85.7	77.5	71.3	66.7	63.7	58.6	54.8
H	38.63	3.46	37.10	25.49	92.9	84.4	75.4	69.0	64.5	60.3	55.0	51.7
H	1.36	2.06	25.12	25.52	93.3	84.6	75.9	70.4	65.1	60.6	56.0	52.7
H	40.83	3.27	31.56	25.52	93.5	84.9	75.9	69.4	64.7	60.5	55.9	51.5
H	31.63	44.16	42.67	25.54	93.0	84.4	75.5	69.2	64.3	60.0	55.5	51.1
H	3.17	32.14	13.49	25.59	93.4	85.1	76.4	69.9	65.4	61.5	56.3	53.4
H	42.39	21.22	41.95	25.62	93.3	84.7	76.0	69.5	65.1	60.7	56.3	52.7
H	8.93	1.56	11.36	25.62	93.1	84.3	75.9	69.3	64.3	60.7	55.4	52.1
H	11.88	3.79	7.46	25.65	93.0	84.5	76.0	69.3	64.2	60.3	55.7	51.6
H	40.19	36.79	2.99	25.68	93.2	84.3	75.6	69.4	64.5	59.9	55.5	52.1
H	37.48	1.54	36.56	25.68	92.8	84.2	75.6	69.0	64.4	60.1	54.9	51.6
H	41.73	9.80	38.87	25.70	92.9	84.5	76.0	69.0	64.1	60.2	55.3	51.4
H	29.96	10.34	3.82	25.71	93.4	84.8	76.2	69.9	64.7	61.4	56.3	52.4
H	9.97	36.79	40.91	25.71	93.2	84.5	76.0	69.7	64.5	60.6	55.7	51.8
H	2.65	18.56	8.37	25.73	93.2	84.8	75.9	69.4	64.7	60.8	55.8	51.4
H	43.07	7.76	34.13	25.74	93.0	84.3	75.6	69.4	64.3	60.5	55.6	51.5
H	5.56	32.66	41.52	25.77	93.1	84.1	76.0	69.1	64.6	60.4	55.8	52.2
H	42.07	4.59	21.16	25.82	93.6	84.4	76.4	69.8	65.8	61.0	56.4	52.9
H	4.20	8.52	9.45	25.84	93.0	84.3	75.4	68.8	64.0	60.2	54.7	51.2
H	41.87	42.38	7.59	25.84	93.1	83.8	75.1	68.9	63.6	59.4	54.6	51.1
H	15.41	14.98	1.45	25.87	93.1	85.0	76.6	70.3	64.8	61.4	56.3	52.7
H	12.83	25.29	1.43	25.90	93.2	84.7	76.2	70.3	65.5	61.1	56.4	52.5
H	0.96	34.83	24.65	25.91	93.6	85.5	77.9	71.9	66.9	63.1	58.8	54.9
H	43.71	8.69	18.93	25.92	93.4	84.7	76.4	69.5	64.7	61.3	56.2	52.8
H	33.19	8.95	5.54	26.06	93.2	84.2	76.1	69.4	64.1	60.4	55.7	51.9
H	15.87	3.26	5.85	26.10	93.3	84.6	75.8	69.3	64.2	60.4	55.5	51.6
H	39.56	8.37	11.22	26.12	93.6	84.5	76.4	69.8	65.0	60.7	55.9	52.5
H	7.48	41.29	10.76	26.12	93.4	84.5	75.7	69.0	64.1	60.4	55.0	51.7
H	39.44	39.31	43.21	26.17	93.0	84.1	75.5	68.9	63.9	59.9	54.8	50.9
H	38.44	44.44	40.19	26.17	93.1	84.1	75.6	69.0	64.3	59.5	54.7	51.0
H	9.44	2.32	9.26	26.22	93.4	84.3	75.8	69.2	63.9	60.7	55.4	51.8
H	6.36	0.12	38.47	26.25	92.9	84.2	75.6	69.2	64.1	60.1	54.9	51.3
H	5.87	40.90	12.82	26.27	93.4	84.2	75.6	68.8	64.1	60.2	55.1	51.6
H	6.84	29.17	5.80	26.30	93.4	84.8	76.1	69.8	65.0	60.1	56.1	52.3
H	3.93	37.98	13.70	26.33	93.4	84.6	75.9	69.3	64.4	60.6	55.8	52.2
H	1.76	15.43	44.33	26.34	93.2	84.5	75.7	69.1	63.9	60.3	55.2	51.5
H	42.58	44.33	36.83	26.34	92.8	84.2	75.2	68.9	63.7	59.5	54.8	50.9
H	29.87	40.84	0.06	26.37	93.5	84.2	75.5	69.7	64.6	60.7	56.3	52.2
H	2.63	5.89	40.90	26.42	92.9	84.2	75.1	68.6	63.5	59.7	54.5	50.6
H	10.46	33.97	2.91	26.45	93.2	84.8	76.1	69.8	65.0	60.7	56.0	52.3

H	44.35	7.53	20.72	26.47	93.2	84.6	76.5	69.5	64.7	61.0	56.0	53.0
H	2.86	37.15	31.32	26.47	93.1	84.6	76.3	69.7	65.3	61.2	56.9	52.6
H	34.06	2.66	9.75	26.48	93.3	84.4	75.8	69.3	65.2	61.0	56.1	52.4
H	11.90	27.36	1.11	26.50	93.4	84.8	76.4	70.2	65.1	61.0	56.5	52.4
H	35.00	11.95	4.16	26.54	93.2	84.1	75.8	69.4	64.4	60.1	55.9	51.6
H	16.59	37.78	0.37	26.54	93.2	84.7	76.0	69.7	64.5	60.5	56.0	52.3
H	39.34	35.90	1.04	26.56	93.2	84.1	75.7	69.5	64.4	60.1	55.4	51.9
H	35.32	38.60	0.13	26.60	93.4	84.1	75.4	68.8	65.0	60.3	55.6	52.1
H	3.87	28.15	44.49	26.63	93.2	84.6	75.7	69.3	64.1	60.1	55.6	51.7
H	8.91	4.98	6.88	26.63	93.0	84.4	75.8	69.0	64.0	60.2	54.9	51.2
H	14.44	37.29	1.09	26.66	93.4	84.6	75.9	69.8	64.5	60.7	55.9	52.2
H	39.57	42.95	4.83	26.69	92.8	83.9	74.9	68.8	63.9	59.5	54.5	51.0
H	29.38	11.72	2.08	26.70	93.4	84.5	76.2	69.5	64.7	61.3	56.3	52.6
H	42.40	2.91	29.93	26.71	93.5	84.6	75.9	69.3	64.5	60.7	55.7	51.5
H	8.33	13.34	3.49	26.71	92.9	84.6	75.3	68.8	63.9	59.4	54.7	51.0
H	44.49	42.08	37.63	26.74	93.0	84.3	75.3	68.9	63.6	59.7	54.9	51.1
H	36.75	13.30	3.61	26.74	93.3	84.2	75.9	69.4	64.6	60.0	55.8	51.6
H	21.39	5.97	2.79	26.78	93.3	84.6	76.1	69.4	64.7	61.2	56.4	52.7
H	34.35	0.93	41.74	26.80	93.1	84.5	75.2	69.2	64.1	60.3	55.4	51.5
H	43.13	5.50	34.12	26.80	93.3	84.1	75.5	69.4	63.9	60.3	55.5	51.8
H	42.55	11.25	10.21	26.81	93.2	84.3	76.1	69.3	64.3	60.2	55.2	51.5
H	9.48	20.23	2.30	26.83	93.2	84.9	75.8	69.7	65.1	61.1	56.2	52.4
H	0.90	28.86	41.14	26.91	93.1	84.5	76.1	69.2	64.5	60.6	55.8	52.0
H	28.49	6.63	3.52	26.91	93.2	84.6	76.4	69.9	64.8	60.6	56.4	52.3
H	3.61	1.79	38.72	26.91	92.9	84.4	75.5	69.0	64.1	59.9	55.0	50.8
H	17.51	43.73	43.38	26.92	93.0	84.0	75.4	69.7	64.5	60.3	55.9	52.3
H	12.50	41.98	4.56	26.93	92.7	84.3	75.8	68.8	64.2	60.1	55.4	51.2
H	22.81	41.89	0.06	26.94	93.3	84.2	76.0	69.5	65.1	61.3	55.7	52.5
H	24.11	12.04	0.45	27.01	93.2	84.7	76.2	69.9	65.4	61.3	56.7	53.4
H	43.37	11.39	39.84	27.04	93.2	84.5	75.7	68.9	63.9	60.3	55.0	51.5
H	2.64	32.98	11.40	27.05	93.4	85.0	76.0	70.3	65.5	61.0	56.5	53.3
H	2.32	16.81	6.91	27.05	93.1	84.8	76.1	69.5	64.8	60.6	55.8	51.5
H	17.87	10.51	0.80	27.06	93.1	84.6	76.3	70.0	65.3	61.5	56.5	53.1
H	4.05	2.91	12.04	27.08	93.1	84.3	75.5	68.3	63.5	59.7	54.7	50.8
H	37.87	2.41	12.68	27.10	93.1	84.7	76.1	69.2	65.0	61.1	56.5	52.6
H	1.58	31.05	40.80	27.17	93.0	84.5	75.9	69.4	64.4	60.5	55.7	51.9
H	5.40	11.58	5.23	27.20	92.8	84.3	75.2	68.9	64.0	59.6	54.9	50.5
H	10.22	22.32	1.80	27.20	93.2	84.7	75.7	69.8	65.1	61.0	56.1	52.0
H	27.16	7.84	2.14	27.28	93.2	84.5	76.3	70.1	64.7	61.1	56.2	52.2
H	35.96	1.27	11.53	27.28	93.2	84.7	76.0	69.4	65.3	61.2	56.3	52.6
H	34.99	7.55	5.80	27.29	93.4	84.2	76.0	69.1	64.1	60.3	55.4	51.8
H	7.29	18.02	2.84	27.31	93.0	84.7	75.7	69.3	64.6	60.1	56.0	51.7
H	35.09	3.94	8.18	27.31	93.4	84.5	75.7	69.1	65.2	60.9	56.0	52.4
H	23.23	1.71	4.98	27.33	93.5	84.5	76.1	69.9	65.1	61.5	56.1	52.7
H	42.50	12.67	7.47	27.36	93.3	84.2	75.9	69.2	64.4	59.7	55.0	51.2
H	1.92	0.30	18.62	27.39	93.0	84.5	75.9	69.3	64.6	60.7	56.3	52.1
H	7.46	11.20	3.72	27.41	92.9	84.4	75.0	68.6	63.7	59.4	54.8	50.8
H	5.14	22.85	4.47	27.46	93.0	84.6	76.2	69.4	64.9	60.7	55.7	52.0
H	11.45	35.14	1.20	27.47	93.3	84.6	75.7	69.6	64.8	60.5	55.8	52.0
H	3.24	39.17	32.89	27.48	93.1	84.6	76.3	69.5	64.9	61.2	56.8	52.8
H	6.72	2.48	43.86	27.50	93.0	84.1	75.4	68.3	63.1	59.2	55.1	50.5
H	14.24	13.46	0.18	27.60	93.3	84.8	76.7	70.0	64.8	61.3	56.4	52.5
H	44.60	22.59	3.01	27.64	93.1	84.4	75.6	69.3	64.3	60.5	55.3	51.4
H	9.16	38.40	42.35	27.78	93.2	84.4	75.6	69.7	64.4	60.5	55.6	51.6
H	3.36	42.80	28.40	27.79	93.5	84.8	76.5	69.8	64.7	61.7	56.5	52.4
H	8.91	42.14	39.71	27.82	93.2	84.4	75.9	69.0	63.9	60.0	54.8	51.0
H	2.04	30.15	9.77	27.83	93.1	85.0	75.9	69.6	65.4	61.1	55.9	52.6
H	28.71	2.32	5.13	27.86	93.4	84.7	76.0	69.9	64.6	60.3	56.2	52.0
H	2.05	36.94	12.97	27.88	93.5	84.5	76.0	69.4	64.3	60.7	55.7	52.2
H	40.36	41.33	43.74	27.91	92.9	83.9	75.3	68.8	63.9	59.7	54.6	50.7
H	11.16	20.50	0.43	27.92	93.2	84.8	76.1	69.5	65.0	61.0	56.3	52.0
H	42.60	44.41	6.70	27.92	93.1	83.7	75.3	68.8	63.3	59.2	54.5	50.7

H	0.33	1.67	17.75	27.93	93.0	84.6	75.7	69.5	64.6	60.4	56.2	52.1
H	3.77	41.56	13.66	27.96	93.2	84.5	75.8	68.9	64.3	60.2	55.2	51.8
H	10.55	9.25	2.20	27.96	93.2	84.2	75.3	68.9	64.0	60.1	55.1	51.0
H	1.25	13.09	7.32	27.98	93.0	84.1	75.5	69.3	64.2	59.9	54.7	51.1
H	8.04	44.31	36.94	28.02	92.9	84.1	75.6	69.0	64.0	59.7	54.8	51.2
H	21.22	3.69	2.63	28.04	93.3	84.5	76.0	69.7	64.7	61.1	56.7	52.7
H	39.05	15.05	1.68	28.21	93.2	84.0	75.6	69.3	63.9	60.4	55.5	51.5
H	41.47	0.41	19.45	28.21	93.3	84.9	76.2	69.7	65.1	61.0	56.4	53.0
H	6.24	33.94	4.36	28.22	93.3	84.7	75.9	69.6	65.0	60.3	55.5	51.6
H	11.84	7.35	2.13	28.25	93.2	84.2	75.2	68.9	64.0	59.9	54.8	51.3
H	5.61	39.28	38.78	28.32	93.0	84.2	75.4	69.4	64.2	59.4	55.3	51.1
H	44.32	32.66	1.42	28.33	92.8	84.1	75.5	69.4	64.2	60.0	55.2	51.3
H	4.94	41.10	9.92	28.33	93.2	84.1	75.7	68.6	64.3	60.0	55.1	51.8
H	4.88	2.64	9.23	28.34	92.9	84.4	75.2	68.8	63.9	59.7	54.7	50.9
H	5.94	29.14	3.71	28.36	93.4	84.8	75.9	69.6	65.0	60.1	56.3	52.4
H	11.63	38.45	1.18	28.37	93.1	84.3	75.7	69.3	64.2	60.0	55.5	52.0
H	41.08	11.96	5.18	28.38	93.3	84.1	75.7	69.2	64.3	59.6	55.1	51.5
H	5.19	21.06	3.01	28.39	92.9	84.7	76.2	69.5	64.7	60.9	55.7	51.7
H	1.97	3.55	11.28	28.48	92.9	84.0	75.6	68.6	63.6	59.3	54.7	50.7
H	43.20	41.52	4.00	28.48	92.9	84.0	75.3	68.5	63.5	59.2	54.2	50.8
H	10.45	43.00	4.64	28.51	92.9	84.4	75.9	69.0	64.0	60.1	55.5	51.5
H	9.74	5.00	3.89	28.56	93.1	84.2	75.5	69.0	63.7	60.1	54.8	50.9
H	7.19	6.60	4.33	28.62	93.1	84.3	75.3	69.1	64.0	59.7	54.7	50.8
H	0.59	40.46	23.74	28.63	93.5	84.8	76.5	70.4	65.3	61.5	57.2	53.2
H	7.06	0.22	43.75	28.63	92.9	84.4	75.4	68.3	63.2	59.1	55.0	50.6
H	12.87	2.57	3.83	28.80	93.0	84.4	75.4	69.0	63.9	60.0	54.8	51.1
H	3.91	42.15	34.87	28.96	92.9	84.5	75.9	68.9	64.0	60.2	55.6	51.3
H	5.29	3.49	7.10	29.03	93.0	84.2	75.5	68.5	63.6	59.4	54.4	50.8
H	4.43	9.82	4.16	29.06	92.7	84.3	75.1	69.0	63.7	59.6	54.8	50.7
H	4.95	44.21	34.49	29.06	93.0	84.3	75.5	68.7	63.9	60.3	55.3	51.2
H	1.38	26.54	6.56	29.07	93.4	84.4	76.0	69.5	64.4	60.4	55.9	52.0
H	35.92	8.62	3.56	29.10	93.2	84.1	75.6	69.3	64.2	60.0	56.0	51.8
H	6.97	33.45	2.21	29.11	93.3	84.8	76.0	69.7	64.9	60.1	55.2	51.9
H	6.05	16.63	1.50	29.13	92.9	84.5	75.7	69.0	64.4	59.9	55.7	51.4
H	1.77	24.61	5.42	29.14	93.3	84.5	76.0	69.4	64.6	60.8	55.7	51.7
H	14.80	3.19	2.37	29.17	93.2	84.6	75.5	69.1	64.0	60.1	55.2	51.1
H	1.74	13.18	5.12	29.19	92.9	84.2	75.4	69.2	64.2	59.9	54.5	51.1
H	0.59	41.59	20.58	29.24	93.5	85.0	76.9	70.4	65.5	61.4	57.0	53.2
H	16.96	3.41	1.68	29.26	93.2	84.7	75.5	69.0	64.1	60.1	55.5	51.5
H	3.96	39.75	8.38	29.28	93.0	84.2	75.5	68.7	64.2	59.8	54.9	51.5
H	44.29	4.64	15.36	29.33	93.0	84.0	75.5	69.2	63.7	60.0	55.2	51.3
H	24.37	0.18	3.72	29.38	93.6	84.5	76.3	69.7	65.2	61.5	56.3	52.4
H	6.05	39.53	41.03	29.40	93.1	84.2	75.8	69.2	64.1	59.7	55.2	50.8
H	40.38	9.79	5.02	29.46	93.4	84.3	75.4	68.9	64.4	59.7	55.1	51.2
H	11.85	43.15	2.18	29.52	93.0	84.2	75.6	69.0	64.0	59.9	55.3	51.3
H	1.31	31.53	8.05	29.60	93.3	84.9	75.8	69.7	65.3	60.7	55.9	52.8
H	44.13	5.65	13.29	29.60	92.9	84.3	75.5	68.8	63.8	60.3	55.0	51.3
H	38.30	5.20	6.47	29.63	93.1	84.5	75.3	68.6	63.9	59.9	55.1	50.9
H	1.99	36.44	40.44	29.63	93.0	84.3	75.7	68.8	63.8	59.9	55.2	51.3
H	42.46	43.41	3.02	29.64	92.9	83.8	75.3	68.3	63.5	59.5	54.1	50.8
H	0.40	36.61	37.75	29.65	93.1	84.1	75.6	68.8	63.9	59.9	55.3	51.4
H	9.83	39.85	1.38	29.71	93.2	84.3	75.5	69.6	64.4	60.2	55.8	52.0
H	44.40	7.15	40.80	29.72	93.0	84.1	75.5	68.4	63.6	59.4	54.7	50.9
H	7.50	42.16	41.52	29.83	93.2	84.5	75.7	69.1	64.0	59.8	54.9	50.9
H	40.61	15.60	0.09	29.89	93.2	84.0	75.7	69.1	64.1	60.3	55.6	51.5
H	30.34	1.38	3.80	29.90	93.4	84.6	76.1	69.9	64.5	60.5	56.1	51.7
H	13.31	42.94	0.44	30.00	93.0	84.4	75.7	69.0	63.9	60.1	55.5	51.5
H	41.58	5.76	44.22	30.01	93.0	84.2	75.4	68.6	63.7	58.7	54.8	50.2
H	6.50	22.43	0.48	30.02	93.1	84.8	75.8	69.5	64.5	60.5	55.6	51.9
H	43.08	1.39	15.35	30.08	93.2	84.2	75.8	69.4	64.5	60.5	55.7	51.7
H	10.75	2.63	2.97	30.10	92.9	84.6	75.3	68.8	63.9	60.2	54.9	51.0
H	1.05	43.18	29.29	30.10	93.4	84.6	76.6	69.8	64.7	61.3	56.5	52.5

H	0.39	7.24	7.49	30.12	93.1	84.0	75.3	68.2	63.2	59.4	54.6	50.7
H	0.27	43.12	22.29	30.13	93.6	84.7	76.9	70.3	65.2	61.4	56.7	53.5
H	38.63	1.62	44.22	30.16	93.0	84.2	75.2	69.2	64.0	59.5	54.9	50.6
H	44.27	37.05	0.09	30.27	92.8	83.7	75.5	68.8	63.4	59.6	54.8	50.8
H	42.85	2.37	40.05	30.36	92.8	84.1	75.1	68.9	64.2	59.1	54.5	51.0
H	1.03	2.37	43.10	30.46	93.2	84.1	74.9	68.9	63.6	59.1	54.5	50.4
H	37.07	9.34	1.73	30.57	93.2	84.1	75.6	69.3	63.9	59.8	56.0	51.7
H	28.68	3.22	1.01	30.67	93.4	84.6	75.9	70.0	64.6	60.7	56.2	51.8
H	31.58	4.43	1.34	30.69	93.3	84.4	76.0	69.6	64.6	60.4	55.6	51.5
H	41.58	0.43	40.44	30.73	92.9	84.2	75.1	69.0	64.0	59.2	54.4	51.0
H	5.57	6.43	2.68	30.76	93.0	84.4	75.1	69.0	63.9	59.9	54.9	50.7
H	1.76	36.73	6.90	30.80	92.7	84.1	75.3	68.7	63.5	59.1	55.0	50.9
H	26.78	2.02	0.90	30.95	93.4	84.5	76.0	69.8	64.6	60.5	56.2	52.0
H	1.50	42.45	11.13	31.12	93.1	84.1	75.0	69.0	63.6	59.7	55.0	51.0
H	4.60	41.40	5.09	31.24	93.0	84.3	75.2	68.6	63.3	59.1	54.7	50.8
H	1.49	9.14	3.83	31.25	92.7	84.3	75.3	68.7	63.6	59.5	55.0	50.8
H	33.43	5.69	0.84	31.25	93.3	84.6	75.9	69.4	64.6	60.2	55.4	51.3
H	0.66	0.22	41.98	31.31	93.1	84.2	74.9	68.7	63.6	59.3	54.5	50.5
H	42.80	12.48	1.54	31.38	93.0	84.3	75.4	68.7	64.0	59.6	55.2	50.9
H	0.26	20.29	2.77	31.52	93.2	84.5	75.8	69.5	64.1	60.2	55.4	51.3
H	5.28	40.40	3.13	31.56	93.1	84.0	75.3	68.6	63.3	59.3	54.8	50.6
H	42.49	3.77	8.37	31.76	93.1	83.8	75.4	68.4	63.1	59.4	54.4	50.4
H	4.87	44.57	6.36	31.81	93.0	84.1	75.2	68.7	63.8	59.4	54.5	50.6
H	44.35	5.73	9.07	31.84	93.1	83.8	75.1	68.2	63.1	59.5	54.3	50.5
H	41.10	11.65	0.30	31.86	93.1	84.6	75.6	68.7	64.0	59.6	54.9	51.2
H	39.81	4.58	4.88	31.87	93.0	84.3	75.2	68.7	64.0	59.8	55.0	50.8
H	1.90	36.84	44.34	31.93	92.9	83.7	75.6	68.7	63.3	59.5	55.0	50.9
H	43.06	5.65	7.19	32.04	93.1	83.9	75.2	68.2	63.2	59.3	54.3	50.6
H	1.19	18.07	1.21	32.08	93.3	84.4	75.9	69.3	64.2	60.3	55.2	51.3
H	5.73	0.47	4.30	32.33	93.1	84.0	75.1	68.8	63.9	59.6	54.5	50.7
H	0.86	38.65	6.01	32.53	92.6	84.4	75.6	68.5	63.6	59.5	54.9	50.7
H	3.15	26.04	0.33	32.54	93.1	84.7	75.8	69.2	63.9	60.2	55.6	51.7
H	3.01	40.21	42.76	32.56	92.7	84.0	75.7	68.6	63.2	59.4	54.7	50.5
H	1.37	9.97	1.67	32.70	92.7	84.0	75.2	68.9	63.6	59.3	54.9	50.9
H	43.10	0.42	10.33	32.82	93.2	83.8	75.1	68.8	63.4	59.5	54.9	51.0
H	1.09	30.96	2.62	32.83	93.0	84.3	75.5	69.2	64.2	59.9	55.1	51.5
H	2.31	44.55	38.62	32.98	93.0	84.4	75.2	69.0	63.9	59.6	54.8	50.9
H	39.76	0.35	5.99	33.20	92.9	84.1	75.2	68.5	63.8	59.5	54.5	50.9
H	34.15	1.33	0.98	33.44	93.1	84.4	75.2	69.2	64.0	59.7	55.2	51.0
H	1.91	1.29	3.66	34.28	93.0	84.2	75.2	68.6	63.4	59.2	54.1	50.2
H	36.17	0.33	1.27	34.58	93.1	84.4	75.2	69.3	63.9	59.8	54.8	50.9
H	1.17	3.08	2.49	34.66	93.1	84.1	75.3	68.7	63.6	58.9	54.4	50.3
H	39.74	2.83	1.17	35.20	93.0	84.4	74.9	68.9	63.9	59.6	55.0	50.8
H	1.74	40.44	0.92	35.42	92.7	83.9	75.5	68.7	63.4	59.4	54.6	50.8
H	42.92	4.74	1.17	36.23	93.2	84.3	75.4	68.6	63.5	58.9	54.9	50.1

[a]distance to the nearest electron spin.

Table S15. Coordinates and polarizations calculated for the first fused quartz structure

	x / Å	y / Å	z / Å	*d* / Å	I_{on}
e	1.4929	1.4929	0		
Si	3.9787	0.993	-1.7306	3.069898	3290.68
Si	1.4929	1.4929	-6.9223	6.9223	1908.38
Si	-6.4646	-1.4929	3.4611	9.176948	810.41
Si	6.4646	6.4646	6.9223	9.866805	865.2
Si	8.4505	8.4505	-3.4611	10.43053	1049.31
Si	8.9505	-3.9787	5.1917	10.60698	686.3
Si	-8.9505	-0.993	1.7306	10.87372	811.52
Si	-5.9646	5.9646	-8.6529	12.26718	936.07
Si	-3.4788	11.4363	-6.9223	13.09608	834.47
Si	11.4363	6.4646	-6.9223	13.09608	1042.94

Si	5.9646	-0.993	-12.114	13.15012	1702.56
Si	3.4788	-6.4646	10.3835	13.23184	627.94
Si	-11.4363	3.4788	3.4611	13.53099	788.06
Si	-0.993	15.908	-1.7306	14.72993	808.29
Si	0.993	-10.9363	8.6529	15.15283	628.82
Si	-1.4929	13.4222	-10.3835	16.0947	826.86
Si	10.9363	-10.9363	-5.1917	16.4505	603.09
Si	6.4646	16.408	-6.9223	17.17837	691.8
Si	-3.4788	16.408	-6.9223	17.17837	816.22
Si	8.9505	-13.9222	-1.7306	17.21144	598.42
Si	8.9505	-8.9505	12.114	17.64733	603.56
Si	11.4363	-3.4788	-13.8446	17.75562	1627.15
Si	11.4363	-3.4788	13.8446	17.75562	598.61
Si	5.9646	8.9505	15.5752	17.83809	561.75
Si	-11.4363	8.4505	-10.3835	17.983	861.68
Si	-16.408	-1.4929	3.4611	18.4753	695.27
Si	-6.4646	18.3939	-3.4611	18.99856	801.9
Si	20.8798	-0.993	1.7306	19.62204	409.9
Si	-0.993	5.9646	19.0363	19.71187	474.39
Si	15.908	13.9222	-5.1917	19.72908	687.36
Si	11.4363	-8.4505	13.8446	19.73361	604.76
Si	-3.9787	18.8939	8.6529	20.18921	538.04
Si	-5.9646	0.993	19.0363	20.45109	451.72
Si	13.9222	-13.9222	5.1917	20.47105	586.27
Si	13.9222	15.908	-8.6529	20.90825	679.85
Si	-3.4788	16.408	13.8446	20.94877	533.77
Si	16.408	-3.4788	13.8446	20.94877	594.23
Si	-3.9787	8.9505	-19.0363	21.1645	564.06
Si	18.8939	10.9363	-8.6529	21.60657	693.5
Si	-11.4363	3.4788	17.3058	21.69325	452.03
Si	13.4222	-16.408	-3.4611	21.7883	583.79
Si	6.4646	6.4646	20.7669	21.92487	551.74
Si	-13.4222	16.408	-6.9223	22.19997	704.48
Si	-18.8939	3.9787	8.6529	22.28612	508.25
Si	23.3656	-1.4929	-3.4611	22.34524	402.68
Si	15.908	-5.9646	15.5752	22.49439	594.79
Si	8.9505	20.8798	-8.6529	22.50194	655.94
Si	8.9505	10.9363	19.0363	22.52056	557.7
Si	-0.993	0.993	-22.4975	22.63991	511.16
Si	21.3797	-8.4505	-6.9223	23.28678	401.29
Si	5.9646	23.8655	-5.1917	23.39842	648.55
Si	23.3656	-6.4646	3.4611	23.53118	414.55
Si	-8.4505	6.4646	-20.7669	23.55532	560.82
Si	-3.4788	11.4363	-20.7669	23.55532	562.03
Si	-15.908	-8.9505	12.114	23.63485	390.09
Si	5.9646	23.8655	8.6529	24.40091	506.48
Si	-10.9363	15.908	-15.5752	24.59408	634.48
Si	-3.4788	-18.3939	13.8446	24.73612	444.7
Si	13.4222	23.3656	3.4611	25.15358	546.38
Si	-11.4363	23.3656	3.4611	25.64291	478.34
Si	-6.4646	-1.4929	-24.2281	25.67558	488.78
Si	0.993	18.8939	-19.0363	25.79583	497.47
Si	0.993	-15.908	-19.0363	25.79583	329.69
Si	16.408	21.3797	-6.9223	25.80433	608.52
Si	25.8515	-5.9646	-5.1917	25.99823	399.98
Si	6.4646	16.408	20.7669	26.04692	547.84
Si	0.993	3.9787	-25.9586	26.08217	510.25
Si	-23.3656	6.4646	6.9223	26.27891	483.81
Si	-6.4646	8.4505	24.2281	26.43347	370.62
Si	-6.4646	8.4505	-24.2281	26.43347	558.59
Si	-5.9646	-23.8655	-1.7306	26.48888	289.05
Si	15.908	23.8655	-5.1917	27.11616	606.57

Si	10.9363	23.8655	-12.114	27.13787	643.24
Si	-13.9222	23.8655	1.7306	27.22415	477.49
Si	25.8515	-0.993	-12.114	27.31791	381.8
Si	-11.4363	23.3656	-10.3835	27.44805	606.73
Si	-1.4929	-11.4363	-24.2281	27.62386	331.08
Si	5.9646	23.8655	15.5752	27.62459	492.79
Si	-23.8655	-5.9646	8.6529	27.81256	438.51
Si	-23.8655	8.9505	8.6529	27.81256	482.4
Si	25.8515	-10.9363	-5.1917	27.83486	396.75
Si	-15.908	-13.9222	-15.5752	27.98219	297.36
Si	-11.4363	-16.408	17.3058	28.05522	386.3
Si	-1.4929	-26.3514	3.4611	28.21701	300
Si	-26.3514	-1.4929	-3.4611	28.21701	422.94
Si	-18.8939	-10.9363	15.5752	28.50775	388.52
Si	23.8655	-13.9222	-8.6529	28.51371	393.17
Si	-3.4788	6.4646	27.6892	28.56794	366.37
Si	28.8373	0.993	-8.6529	28.68511	381.14
Si	-15.908	20.8798	12.114	28.72965	459.56
Si	1.4929	-18.3939	-20.7669	28.75324	328.96
Si	-6.4646	23.3656	-17.3058	29.00389	488.69
Si	-26.3514	-6.4646	-3.4611	29.16516	421.03
Si	-3.4788	21.3797	-20.7669	29.1799	485.35
Si	23.8655	-8.9505	-15.5752	29.19221	384.57
Si	23.8655	0.993	19.0363	29.37971	400.12
Si	-25.8515	10.9363	5.1917	29.39126	478.92
Si	3.9787	30.8231	-1.7306	29.48623	539.35
Si	18.3939	23.3656	-10.3835	29.52753	605.29
Si	28.3373	8.4505	-10.3835	29.61159	391.02
Si	-8.9505	28.8373	-5.1917	29.72761	548.22
Si	1.4929	-28.3373	0	29.8302	299.25
Si	-28.3373	1.4929	0	29.8302	424.83
Si	-15.908	-13.9222	19.0363	30.04661	384.92
Si	-16.408	23.3656	10.3835	30.11102	459.26
Si	30.8231	8.9505	1.7306	30.31293	343.92
Si	-18.8939	23.8655	1.7306	30.31749	468.18
Si	-18.3939	-8.4505	20.7669	30.42401	378.64
Si	8.9505	30.8231	5.1917	30.70558	512.83
Si	-5.9646	30.8231	5.1917	30.70558	445.31
Si	23.3656	-11.4363	17.3058	30.74196	388.86
Si	18.8939	-23.8655	-1.7306	30.80323	319.64
Si	10.9363	-0.993	29.4198	30.99809	309.64
Si	11.4363	11.4363	-27.6892	31.05534	367.58
Si	-21.3797	13.4222	-17.3058	31.06369	489.05
Si	-5.9646	-18.8939	-22.4975	31.26293	326.57
Si	8.9505	-28.8373	-1.7306	31.28143	311.68
Si	-28.3373	11.4363	0	31.44379	458.67
Si	25.8515	-10.9363	15.5752	31.4708	386.82
Si	-3.9787	-15.908	-25.9586	31.72668	327.17
Si	28.8373	-13.9222	5.1917	31.81652	380.67
Si	-21.3797	23.3656	3.4611	31.83631	463.89
Si	-13.4222	-3.4788	-27.6892	31.84132	392.13
Si	-26.3514	13.4222	10.3835	32.02233	476.96
Si	8.4505	-1.4929	-31.1504	32.05725	376.38
Si	-23.3656	16.408	13.8446	32.12597	472.22
Si	-23.3656	16.408	-13.8446	32.12597	489.29
Si	23.8655	-3.9787	-22.4975	32.19644	367.6
Si	-28.3373	11.4363	6.9223	32.19674	477.8
Si	-8.4505	-28.3373	-6.9223	32.19674	283.62
Si	-6.4646	3.4788	-31.1504	32.21195	465.13
Si	-3.9787	-10.9363	29.4198	32.40291	307.54
Si	18.3939	23.3656	-17.3058	32.61208	575.03
Si	-26.3514	18.3939	3.4611	32.75559	458.76

Si	-26.3514	18.3939	-3.4611	32.75559	445
Si	-3.4788	26.3514	-20.7669	32.77083	474.88
Si	6.4646	-23.3656	-20.7669	32.77083	321.15
Si	33.809	-3.9787	-1.7306	32.82165	375.03
Si	-3.9787	33.809	1.7306	32.82165	446.27
Si	13.9222	-28.8373	-1.7306	32.82376	313.23
Si	-28.3373	1.4929	-13.8446	32.88638	350.94
Si	28.3373	-6.4646	17.3058	32.91554	385.97
Si	-8.4505	16.408	27.6892	32.9852	336
Si	13.9222	30.8231	-8.6529	33.00942	545.21
Si	-13.9222	3.9787	29.4198	33.30656	331.73
Si	-21.3797	23.3656	-10.3835	33.30746	485.8
Si	28.3373	18.3939	10.3835	33.37786	334.3
Si	23.8655	-8.9505	-22.4975	33.40262	368.16
Si	13.4222	3.4788	-31.1504	33.41551	366.35
Si	-0.993	-3.9787	32.8809	33.42564	309.49
Si	25.8515	-20.8798	-5.1917	33.47878	322.97
Si	8.4505	-31.3231	3.4611	33.72355	306.32
Si	3.4788	-11.4363	-31.1504	33.78539	326.18
Si	26.3514	-8.4505	20.7669	33.88334	385.24
Si	20.8798	28.8373	-5.1917	33.91928	498.45
Si	25.8515	-5.9646	22.4975	33.98662	383.95
Si	-5.9646	5.9646	32.8809	34.01127	349.33
Si	-13.4222	31.3231	6.9223	34.06199	428.38
Si	-28.3373	16.408	-6.9223	34.06199	446.64
Si	16.408	-28.3373	-6.9223	34.06199	314.33
Si	33.809	10.9363	5.1917	34.06552	343.41
Si	8.9505	-3.9787	32.8809	34.15712	308.25
Si	8.4505	33.309	-10.3835	34.18316	522.92
Si	25.8515	23.8655	8.6529	34.18694	337.68
Si	25.8515	-20.8798	8.6529	34.18694	371.81
Si	-21.3797	-6.4646	24.2281	34.25604	374.03
Si	-6.4646	13.4222	31.1504	34.29248	335.78
Si	1.4929	1.4929	-34.6115	34.6115	404.67
Si	-15.908	-3.9787	-29.4198	34.61583	392.69
Si	-18.3939	-23.3656	-13.8446	34.71459	283.46
Si	23.3656	13.4222	-24.2281	34.75229	339.87
Si	28.3373	23.3656	-3.4611	34.79966	437.97
Si	5.9646	-30.8231	-12.114	34.80048	290.69
Si	-10.9363	-28.8373	12.114	34.94501	273.72
Si	-15.908	-18.8939	-22.4975	34.99355	304.09
Si	18.8939	-28.8373	-1.7306	35.01008	315.77
Si	-31.3231	13.4222	-3.4611	35.08814	448.56
Si	13.9222	0.993	32.8809	35.15524	309.83
Si	20.8798	-20.8798	-19.0363	35.19613	302.26
Si	13.4222	-21.3797	24.2281	35.39015	275.06
Si	0.993	28.8373	22.4975	35.41327	341.9
Si	5.9646	-10.9363	-32.8809	35.43498	326.09
Si	-11.4363	-31.3231	-3.4611	35.44057	278.76
Si	-10.9363	-13.9222	-29.4198	35.46313	339.25
Si	35.7948	8.9505	-5.1917	35.48511	355.04
Si	-8.4505	-18.3939	27.6892	35.51124	312.53
Si	33.309	13.4222	10.3835	35.53011	337.62
Si	18.3939	-1.4929	31.1504	35.56548	311
Si	13.9222	-3.9787	32.8809	35.57499	308.63
Si	26.3514	16.408	20.7669	35.66047	325.97
Si	-28.3373	-18.3939	0	35.85144	286.73
Si	-11.4363	33.309	10.3835	35.87819	427.15
Si	28.3373	18.3939	17.3058	36.13523	325.52
Si	23.3656	28.3373	10.3835	36.15042	340.15
Si	8.9505	35.7948	-8.6529	36.15399	521.75
Si	30.8231	18.8939	-12.114	36.19125	358.92

Si	36.2948	11.4363	0	36.19452	348.94
Si	33.309	3.4788	-17.3058	36.27254	350.83
Si	-1.4929	28.3373	-24.2281	36.28409	470.08
Si	-1.4929	28.3373	24.2281	36.28409	343.11
Si	33.809	-3.9787	-15.5752	36.28846	355.86
Si	-10.9363	10.9363	32.8809	36.39808	330.21
Si	33.809	15.908	-8.6529	36.42795	358.67
Si	3.9787	-33.809	-8.6529	36.43175	289.63
Si	35.7948	-0.993	-12.114	36.46304	353.72
Si	-3.4788	31.3231	-20.7669	36.68546	464.91
Si	31.3231	-3.4788	20.7669	36.68546	381.86
Si	-11.4363	-31.3231	-10.3835	36.76779	280.51
Si	-33.309	11.4363	-6.9223	36.85053	447.08
Si	36.2948	11.4363	-6.9223	36.85053	356.2
Si	18.3939	-26.3514	-17.3058	36.88411	303.32
Si	-26.3514	23.3656	10.3835	36.899	449.94
Si	23.8655	0.993	-29.4198	36.96362	338.6
Si	25.8515	28.8373	-5.1917	36.98657	475.05
Si	-25.8515	25.8515	5.1917	36.98657	454.97
Si	23.8655	5.9646	-29.4198	37.22977	336.57
Si	-8.4505	-8.4505	-34.6115	37.35905	361.66
Si	1.4929	-33.309	-13.8446	37.45458	289.53
Si	-15.908	5.9646	32.8809	37.46925	329.62
Si	-25.8515	-18.8939	-15.5752	37.49559	273.35
Si	-16.408	-31.3231	-3.4611	37.5408	278.08
Si	-3.4788	26.3514	-27.6892	37.54137	468.68
Si	-0.993	10.9363	-36.3421	37.63117	361.32
Si	30.8231	8.9505	22.4975	37.70961	316.05
Si	30.8231	-5.9646	22.4975	37.70961	380.92
Si	-3.9787	-35.7948	1.7306	37.72678	284.48
Si	36.2948	6.4646	13.8446	37.78311	307.55
Si	-3.4788	-33.309	-13.8446	37.78311	284.82
Si	26.3514	-23.3656	-13.8446	37.78311	304.93
Si	-30.8231	-13.9222	12.114	37.79816	296.19
Si	-21.3797	-16.408	-24.2281	37.82323	303.79
Si	-18.8939	13.9222	29.4198	37.8897	324.53
Si	-3.9787	33.809	-19.0363	37.90314	465.44
Si	-16.408	33.309	10.3835	37.95422	424.83
Si	5.9646	28.8373	-25.9586	37.96788	453.46
Si	3.4788	-36.2948	3.4611	37.99781	293.13
Si	-13.4222	-3.4788	-34.6115	38.01492	385.06
Si	-3.9787	38.7807	-5.1917	38.04299	422.16
Si	13.4222	33.309	17.3058	38.13216	331.03
Si	-16.408	-11.4363	31.1504	38.18312	318.9
Si	25.8515	-0.993	29.4198	38.27587	341.41
Si	25.8515	3.9787	29.4198	38.27587	340.98
Si	-15.908	10.9363	32.8809	38.38133	328.72
Si	-28.3373	-18.3939	13.8446	38.43174	296.6
Si	-10.9363	35.7948	12.114	38.44294	428.41
Si	25.8515	-25.8515	-12.114	38.57204	308.12
Si	28.8373	25.8515	12.114	38.57204	336.26
Si	3.9787	-33.809	-15.5752	38.66505	287.93
Si	8.4505	3.4788	38.0727	38.75408	305.36
Si	23.3656	33.309	3.4611	38.76414	372.12
Si	-36.2948	-6.4646	3.4611	38.77127	307.88
Si	-3.9787	-10.9363	36.3421	38.79655	303.92
Si	30.8231	-20.8798	-12.114	38.82717	304.37
Si	23.3656	-6.4646	-31.1504	38.88549	330.69
Si	-5.9646	25.8515	-29.4198	38.91629	470.48
Si	3.9787	-23.8655	-29.4198	38.91984	310.63
Si	3.4788	-6.4646	38.0727	38.94602	305.18
Si	11.4363	-13.4222	-34.6115	38.97804	322.78

Si	-13.4222	-8.4505	34.6115	38.97804	316.37
Si	-6.4646	-1.4929	38.0727	39.00979	305.21
Si	-1.4929	-6.4646	-38.0727	39.00979	335.72
Si	38.7807	-8.9505	5.1917	39.06909	308.87
Si	-11.4363	-26.3514	-24.2281	39.10841	306.78
Si	8.4505	8.4505	-38.0727	39.32357	362.55
Si	-18.8939	8.9505	-32.8809	39.40038	333.19
Si	-28.3373	-23.3656	-6.9223	39.44242	274.58
Si	26.3514	-28.3373	-6.9223	39.44242	307.15
Si	-10.9363	10.9363	-36.3421	39.55265	344.63
Si	38.7807	-3.9787	12.114	39.58617	309.31
Si	-31.3231	23.3656	-3.4611	39.58894	406.86
Si	-30.8231	5.9646	-22.4975	39.62903	323.23
Si	1.4929	41.2665	0	39.7736	399.76
Si	13.4222	-36.2948	3.4611	39.77685	299.31
Si	15.908	38.7807	1.7306	40.01459	404.3
Si	28.3373	-26.3514	-10.3835	40.04676	308.06
Si	-18.3939	36.2948	0	40.08313	387.22
Si	-38.2807	6.4646	0	40.08313	329.8
Si	21.3797	6.4646	-34.6115	40.22634	335.04
Si	16.408	-33.309	-13.8446	40.31508	298.37
Si	-16.408	28.3373	-24.2281	40.34926	401.11
Si	-38.2807	1.4929	6.9223	40.37149	308.15
Si	30.8231	-25.8515	-5.1917	40.43428	308.11
Si	16.408	-13.4222	34.6115	40.53241	284.24
Si	-3.9787	28.8373	29.4198	40.53611	336.71
Si	-8.9505	-35.7948	-12.114	40.57326	280.66
Si	-35.7948	-8.9505	12.114	40.57326	299.13
Si	-38.2807	-3.4788	-6.9223	40.67647	309.25
Si	-18.3939	-33.309	-6.9223	40.67647	276.98
Si	-38.7807	3.9787	-5.1917	40.68283	323.8
Si	-10.9363	-23.8655	-29.4198	40.78064	305.03
Si	-11.4363	8.4505	38.0727	40.80563	320.69
Si	26.3514	26.3514	-20.7669	40.8308	395.98
Si	-3.4788	31.3231	-27.6892	41.00305	471.67
Si	15.908	-10.9363	36.3421	41.02474	283.9
Si	-10.9363	30.8231	25.9586	41.09258	341.46
Si	11.4363	-18.3939	34.6115	41.13772	277.28
Si	-28.8373	28.8373	-5.1917	41.16534	383.51
Si	31.3231	26.3514	13.8446	41.22449	339.22
Si	38.2807	8.4505	17.3058	41.24608	308.16
Si	-30.8231	-18.8939	-15.5752	41.26176	272.25
Si	-6.4646	38.2807	-17.3058	41.42648	446.85
Si	-23.8655	-0.993	-32.8809	41.5979	368.82
Si	30.8231	-0.993	29.4198	41.6169	341.9
Si	18.3939	23.3656	31.1504	41.64617	272.52
Si	18.3939	23.3656	-31.1504	41.64617	327.21
Si	3.4788	18.3939	-38.0727	41.70269	346.09
Si	8.4505	28.3373	31.1504	41.70581	290.97
Si	11.4363	-33.309	-20.7669	41.72898	292.7
Si	36.2948	11.4363	-20.7669	41.72898	318.24
Si	11.4363	36.2948	-20.7669	41.72898	411.77
Si	-0.993	-18.8939	-36.3421	41.74381	301.9
Si	33.309	28.3373	-3.4611	41.77159	386.99
Si	-20.8798	35.7948	-8.6529	41.85727	384.77
Si	28.3373	-6.4646	-31.1504	41.88422	329.49
Si	-28.3373	-8.4505	27.6892	41.89754	316.15
Si	-28.3373	11.4363	27.6892	41.89754	297.15
Si	-8.4505	-28.3373	-27.6892	41.89754	306.11
Si	11.4363	-28.3373	27.6892	41.89754	269.96
Si	-33.809	3.9787	22.4975	41.93491	293.38
Si	3.4788	43.2524	-3.4611	41.94972	398.35

Si	-1.4929	43.2524	3.4611	42.00893	396.44
Si	23.3656	-16.408	31.1504	42.06188	283.69
Si	38.7807	5.9646	19.0363	42.10409	307.94
Si	41.2665	1.4929	-13.8446	42.11428	350.45
Si	23.8655	-33.809	5.1917	42.11544	266.12
Si	6.4646	-3.4788	41.5338	42.12472	304.92
Si	-38.7807	3.9787	-12.114	42.12942	308.22
Si	18.3939	-21.3797	31.1504	42.1799	277.18
Si	31.3231	31.3231	0	42.18627	383.27
Si	20.8798	-25.8515	-25.9586	42.39591	297.79
Si	-33.309	-18.3939	13.8446	42.40672	295.26
Si	-18.3939	-33.309	13.8446	42.40672	264
Si	6.4646	41.2665	13.8446	42.40672	318.88
Si	6.4646	41.2665	-13.8446	42.40672	455.96
Si	21.3797	-33.309	-13.8446	42.40672	298.13
Si	-25.8515	-28.8373	12.114	42.59555	287.13
Si	-13.4222	-18.3939	34.6115	42.61339	303.22
Si	21.3797	-13.4222	34.6115	42.61339	282.4
Si	-11.4363	38.2807	-17.3058	42.6614	437.33
Si	-25.8515	15.908	-29.4198	42.67357	299.87
Si	35.7948	23.8655	-12.114	42.70725	347.52
Si	25.8515	13.9222	-32.8809	42.76658	322.68
Si	-30.8231	-23.8655	12.114	42.82672	293.52
Si	28.8373	-18.8939	25.9586	42.86237	280.66
Si	33.309	28.3373	10.3835	42.9034	338.87
Si	-26.3514	23.3656	-24.2281	42.9036	316.97
Si	5.9646	23.8655	36.3421	42.91013	289.56
Si	38.2807	23.3656	3.4611	42.93876	344.58
Si	8.9505	15.908	39.8032	42.98497	282.61
Si	13.9222	-8.9505	39.8032	42.98658	284.6
Si	6.4646	-8.4505	-41.5338	42.99588	310.45
Si	-41.2665	-1.4929	3.4611	43.00303	310.24
Si	-13.4222	-38.2807	-6.9223	43.03856	276.46
Si	35.7948	-0.993	-25.9586	43.0889	300.4
Si	-13.9222	18.8939	36.3421	43.14121	311.95
Si	38.7807	-13.9222	-15.5752	43.25027	287.98
Si	16.408	-28.3373	-27.6892	43.34735	296.88
Si	18.3939	33.309	-24.2281	43.41551	382.15
Si	13.4222	-26.3514	-31.1504	43.45063	297.73
Si	-11.4363	-36.2948	17.3058	43.52658	259.28
Si	-31.3231	28.3373	10.3835	43.65006	408.31
Si	35.7948	8.9505	-25.9586	43.65878	317.44
Si	-3.9787	-0.993	43.2644	43.67979	300.59
Si	-8.4505	-23.3656	34.6115	43.75811	294.59
Si	26.3514	-8.4505	34.6115	43.75811	294.82
Si	43.2524	-6.4646	-10.3835	43.76064	332
Si	-36.2948	23.3656	-3.4611	43.79846	405.08
Si	-8.4505	11.4363	41.5338	43.84973	319.03
Si	-38.7807	-15.908	1.7306	43.90611	285.66
Si	5.9646	-30.8231	29.4198	43.93003	270.86
Si	18.3939	38.2807	17.3058	44.02812	321.65
Si	38.2807	3.4788	24.2281	44.09404	308.33
Si	1.4929	-13.4222	-41.5338	44.13068	307.86
Si	1.4929	16.408	41.5338	44.13068	286.75
Si	35.7948	28.8373	-5.1917	44.17342	386.5
Si	-20.8798	20.8798	32.8809	44.2441	306.95
Si	15.908	38.7807	-19.0363	44.27815	408.39
Si	3.9787	45.7383	-1.7306	44.3489	400.54
Si	-8.9505	-40.7666	8.6529	44.38239	258.62
Si	23.3656	-21.3797	-31.1504	44.40625	296.42
Si	-16.408	38.2807	17.3058	44.42154	376.55
Si	25.8515	-15.908	-32.8809	44.46669	297.33

Si	-30.8231	30.8231	-8.6529	44.49115	381.78
Si	35.7948	18.8939	22.4975	44.55954	308.02
Si	-15.908	35.7948	-22.4975	44.55954	415.13
Si	-38.7807	3.9787	-19.0363	44.61525	302.03
Si	41.2665	16.408	13.8446	44.67743	305.25
Si	25.8515	-30.8231	-19.0363	44.7219	298.65
Si	-43.2524	1.4929	0	44.7453	310.15
Si	23.3656	-36.2948	10.3835	44.87919	264.93
Si	-5.9646	10.9363	-43.2644	44.90656	317.99
Si	-38.2807	-18.3939	6.9223	45.0038	285.71
Si	15.908	23.8655	36.3421	45.0453	272.54
Si	-28.8373	-25.8515	-19.0363	45.05567	265.41
Si	-26.3514	18.3939	-31.1504	45.06987	300.99
Si	28.3373	33.309	17.3058	45.08187	323.26
Si	-3.4788	41.2665	-20.7669	45.14334	436.5
Si	-18.3939	36.2948	20.7669	45.14334	376.48
Si	-23.3656	16.408	34.6115	45.14821	309.02
Si	35.7948	-20.8798	-19.0363	45.16128	290.56
Si	-38.7807	-5.9646	-19.0363	45.16587	287.47
Si	-13.4222	11.4363	41.5338	45.23702	321.12
Si	-23.8655	-30.8231	-19.0363	45.27428	263.06
Si	-40.7666	-13.9222	5.1917	45.28177	284.63
Si	-33.809	18.8939	22.4975	45.33376	291.88
Si	-18.8939	-5.9646	-39.8032	45.33796	358.23
Si	-0.993	-43.7524	-1.7306	45.34652	272.12
Si	25.8515	-35.7948	8.6529	45.37166	265.46
Si	25.8515	38.7807	8.6529	45.37166	330.54
Si	23.8655	-13.9222	-36.3421	45.37517	297.07
Si	40.7666	13.9222	-19.0363	45.37938	316.06
Si	-35.7948	-23.8655	5.1917	45.39142	284.34
Si	13.4222	23.3656	-38.0727	45.5	316.15
Si	6.4646	-43.2524	6.9223	45.54973	267.63
Si	36.2948	11.4363	27.6892	45.57121	301.61
Si	38.2807	28.3373	3.4611	45.67213	345.58
Si	1.4929	31.3231	34.6115	45.69242	296.02
Si	45.7383	-5.9646	8.6529	45.69615	289.8
Si	-28.8373	-15.908	29.4198	45.69721	288.52
Si	35.7948	-5.9646	29.4198	45.80134	333.56
Si	-28.8373	33.809	-12.114	45.94556	380.05
Si	11.4363	41.2665	-20.7669	45.95731	409.12
Si	41.2665	11.4363	-20.7669	45.95731	318.28
Si	30.8231	-25.8515	22.4975	45.97949	254.19
Si	10.9363	43.7524	15.5752	46.01767	319.33
Si	-13.9222	18.8939	-39.8032	46.09461	298.64
Si	25.8515	-35.7948	-12.114	46.15696	294.24
Si	23.3656	38.2807	-17.3058	46.16542	383.57
Si	-1.4929	-41.2665	17.3058	46.22521	259.43
Si	-38.7807	-10.9363	-19.0363	46.24745	290.17
Si	-3.4788	-18.3939	-41.5338	46.31694	299.25
Si	21.3797	-3.4788	-41.5338	46.31694	284.5
Si	36.2948	-28.3373	-6.9223	46.35657	297
Si	11.4363	46.2382	-6.9223	46.35657	365.07
Si	-8.4505	-43.2524	6.9223	46.35657	258.55
Si	38.7807	10.9363	25.9586	46.4048	303.51
Si	-16.408	-41.2665	-3.4611	46.48428	273.27
Si	-5.9646	-13.9222	-43.2644	46.53004	299.39
Si	-18.3939	41.2665	-13.8446	46.57357	388.53
Si	41.2665	21.3797	13.8446	46.57357	301.72
Si	21.3797	-38.2807	-13.8446	46.57357	295.18
Si	28.3373	23.3656	31.1504	46.57662	272.39
Si	43.2524	-16.408	10.3835	46.60595	270.87
Si	-8.9505	-35.7948	-25.9586	46.61856	290.9

Si	-41.2665	8.4505	-17.3058	46.65044	301.23
Si	0.993	-0.993	-46.7255	46.79427	298.49
Si	-8.9505	-20.8798	-39.8032	46.83904	295.87
Si	-23.3656	41.2665	0	46.90292	373.22
Si	-43.7524	-0.993	-12.114	46.90482	300.6
Si	20.8798	28.8373	-32.8809	46.95443	324.57
Si	20.8798	-25.8515	-32.8809	46.95443	294.44
Si	-28.3373	31.3231	-20.7669	47.0207	323.45
Si	-36.2948	-26.3514	3.4611	47.06586	284.37
Si	-3.4788	-43.2524	13.8446	47.1013	260.65
Si	-26.3514	23.3656	-31.1504	47.15999	301.38
Si	-43.2524	-13.4222	0	47.16569	284.02
Si	-35.7948	25.8515	-15.5752	47.1837	348.2
Si	38.7807	25.8515	-15.5752	47.1837	344.69
Si	15.908	13.9222	43.2644	47.26615	273.44
Si	41.2665	-13.4222	-20.7669	47.2828	284.96
Si	28.8373	-33.809	-15.5752	47.29186	295.96
Si	8.9505	30.8231	-36.3421	47.29297	322.34
Si	26.3514	-38.2807	-6.9223	47.411	292.67
Si	-43.7524	-5.9646	-12.114	47.42887	297.62
Si	-11.4363	-6.4646	-44.995	47.48717	310.54
Si	-8.9505	-40.7666	-19.0363	47.51112	282.82
Si	0.993	48.724	-5.1917	47.51826	394.15
Si	36.2948	26.3514	-20.7669	47.54347	335.84
Si	-40.7666	-13.9222	-15.5752	47.60327	290.57
Si	-13.9222	-40.7666	15.5752	47.60327	257.17
Si	18.3939	33.309	31.1504	47.62617	260
Si	40.7666	8.9505	-25.9586	47.66429	316.9
Si	-35.7948	15.908	25.9586	47.66574	293.62
Si	-35.7948	20.8798	-22.4975	47.6693	325.04
Si	-23.3656	-28.3373	27.6892	47.69148	254.19
Si	38.7807	30.8231	5.1917	47.72414	346.96
Si	30.8231	38.7807	-5.1917	47.72414	340.76
Si	-5.9646	-23.8655	39.8032	47.78036	292.08
Si	38.7807	-3.9787	-29.4198	47.81045	295.58
Si	15.908	23.8655	-39.8032	47.8814	316.93
Si	-43.2524	11.4363	13.8446	47.882	304.87
Si	-1.4929	48.2241	10.3835	47.9639	330.31
Si	-36.2948	18.3939	24.2281	47.96408	292.56
Si	20.8798	8.9505	43.2644	47.9924	266.75
Si	-45.7383	0.993	-8.6529	48.01983	300.62
Si	-40.7666	20.8798	12.114	48.04644	326.47
Si	43.7524	20.8798	12.114	48.04644	304.49
Si	-28.3373	-13.4222	34.6115	48.06513	288.33
Si	-28.3373	16.408	-34.6115	48.06513	299.19
Si	25.8515	33.809	-25.9586	48.07823	344.27
Si	35.7948	8.9505	-32.8809	48.09775	307.57
Si	-33.809	-30.8231	-5.1917	48.14044	259.76
Si	-40.7666	-3.9787	-22.4975	48.18647	287.45
Si	10.9363	-45.7383	1.7306	48.19705	269.96
Si	33.309	33.309	-17.3058	48.20806	332.23
Si	5.9646	-45.7383	8.6529	48.225	267.87
Si	33.809	-28.8373	19.0363	48.23512	254.03
Si	0.993	-25.8515	-39.8032	48.29348	280.65
Si	-31.3231	18.3939	31.1504	48.29988	291.74
Si	-28.8373	28.8373	-25.9586	48.38886	319.72
Si	-15.908	40.7666	-22.4975	48.49071	410.65
Si	-1.4929	-16.408	44.995	48.51704	289.27
Si	8.4505	18.3939	44.995	48.56539	281.8
Si	-41.2665	-21.3797	-3.4611	48.61586	281.94
Si	38.7807	-8.9505	-29.4198	48.63089	294.97
Si	13.4222	-26.3514	38.0727	48.65326	261.57

Si	0.993	-20.8798	43.2644	48.70925	289.66
Si	43.2524	-21.3797	-10.3835	48.7322	279.18
Si	-15.908	-43.7524	5.1917	48.75325	258.21
Si	33.309	38.2807	-3.4611	48.7605	340.82
Si	15.908	-15.908	43.2644	48.80979	271.17
Si	-28.8373	38.7807	8.6529	48.83817	360.95
Si	-23.3656	41.2665	13.8446	48.90355	349.9
Si	26.3514	-38.2807	13.8446	48.90355	266.1
Si	-11.4363	-26.3514	-38.0727	48.90804	295.14
Si	-3.4788	-3.4788	-48.4561	48.96355	295.55
Si	-3.4788	6.4646	-48.4561	48.96355	299.21
Si	-40.7666	25.8515	5.1917	49.05256	349.36
Si	-13.9222	18.8939	43.2644	49.11438	301.54
Si	38.2807	23.3656	-24.2281	49.18085	333.67
Si	25.8515	28.8373	-32.8809	49.21593	325.57
Si	10.9363	-10.9363	-46.7255	49.26398	294.79
Si	-26.3514	38.2807	17.3058	49.27612	349.56
Si	38.2807	-26.3514	17.3058	49.27612	254.89
Si	-23.3656	26.3514	-34.6115	49.33403	300.25
Si	28.8373	40.7666	12.114	49.36479	328.57
Si	-8.4505	-23.3656	-41.5338	49.41531	295.05
Si	-38.7807	28.8373	8.6529	49.44234	352.6
Si	28.8373	-38.7807	-8.6529	49.44234	289.65
Si	15.908	8.9505	-46.7255	49.46399	298.46
Si	-10.9363	-8.9505	46.7255	49.46538	283.87
Si	-6.4646	-46.2382	-10.3835	49.49137	268.95
Si	3.9787	30.8231	39.8032	49.50494	290.05
Si	-46.2382	-11.4363	3.4611	49.57219	283.48
Si	-11.4363	48.2241	10.3835	49.58614	329.03
Si	15.908	38.7807	29.4198	49.63564	261.69
Si	-41.2665	8.4505	-24.2281	49.63641	300.41
Si	15.908	48.724	-5.1917	49.65412	357.78
Si	-45.7383	10.9363	12.114	49.66598	304.02
Si	45.7383	-0.993	22.4975	49.69876	287.8
Si	-33.309	36.2948	-6.9223	49.70174	367.8
Si	-45.7383	-13.9222	-1.7306	49.71318	281.78
Si	-8.4505	-3.4788	48.4561	49.71501	285.86
Si	-3.4788	11.4363	48.4561	49.71501	291.34
Si	43.2524	13.4222	-24.2281	49.7309	318.78
Si	38.2807	33.309	10.3835	49.73352	339.02
Si	8.9505	-13.9222	46.7255	49.76458	278.3
Si	-35.7948	-18.8939	25.9586	49.79805	269.4
Si	-5.9646	50.7099	-1.7306	49.80891	350.24
Si	48.2241	18.3939	3.4611	49.81394	295.7
Si	-3.9787	43.7524	-25.9586	49.89639	420.8
Si	25.8515	38.7807	22.4975	49.89841	296.2
Si	-16.408	28.3373	-38.0727	49.90582	288.16
Si	-13.9222	-45.7383	-5.1917	49.95357	271.37
Si	-15.908	-43.7524	12.114	49.96674	257.47
Si	30.8231	8.9505	-39.8032	50.00175	291.32
Si	8.9505	30.8231	39.8032	50.00175	288.12
Si	-18.8939	-20.8798	-39.8032	50.00451	290.69
Si	50.7099	8.9505	-5.1917	50.04885	275.81
Si	15.908	48.724	8.6529	50.13432	301.12
Si	21.3797	-18.3939	41.5338	50.16001	263.87
Si	-28.3373	-38.2807	-6.9223	50.1966	249.62
Si	-26.3514	-26.3514	31.1504	50.20911	252.68
Si	48.2241	8.4505	17.3058	50.31602	289.8
Si	-31.3231	38.2807	10.3835	50.37904	360.64
Si	-23.8655	-35.7948	22.4975	50.39408	250.26
Si	-10.9363	15.908	46.7255	50.45351	302.48
Si	-40.7666	10.9363	25.9586	50.48653	292.72

Si	38.7807	35.7948	-1.7306	50.69512	350.19
Si	51.2099	11.4363	0	50.70159	277.74
Si	16.408	-38.2807	27.6892	50.70593	247.03
Si	33.809	15.908	-36.3421	50.72347	299.08
Si	3.9787	-33.809	-36.3421	50.7262	260.24
Si	-31.3231	8.4505	-38.0727	50.74273	271.81
Si	-45.7383	-8.9505	-15.5752	50.81763	294.28
Si	-30.8231	35.7948	19.0363	50.8265	348.55
Si	-18.3939	-43.2524	13.8446	50.88516	256.4
Si	-5.9646	5.9646	-50.1867	50.9344	297.97
Si	3.9787	-48.724	-8.6529	51.01758	255.79
Si	-5.9646	-43.7524	-22.4975	51.07723	283.14
Si	40.7666	-30.8231	-5.1917	51.12436	293.17
Si	36.2948	36.2948	-13.8446	51.12746	326.21
Si	-13.9222	48.724	-12.114	51.13859	339.26
Si	51.2099	-8.4505	6.9223	51.17196	280.99
Si	-48.2241	-8.4505	6.9223	51.17196	282.05
Si	-10.9363	25.8515	-43.2644	51.18233	287.56
Si	45.7383	18.8939	-19.0363	51.21353	316.14
Si	-5.9646	50.7099	12.114	51.23166	325.18
Si	-46.2382	8.4505	-17.3058	51.24603	300.71
Si	-26.3514	43.2524	-10.3835	51.25404	363.85
Si	-11.4363	33.309	-38.0727	51.27334	286.66
Si	23.3656	28.3373	38.0727	51.4642	260.16
Si	46.2382	-13.4222	-20.7669	51.5351	283.33
Si	16.408	-43.2524	20.7669	51.5351	247.87
Si	40.7666	-30.8231	8.6529	51.59088	252.5
Si	25.8515	-25.8515	36.3421	51.59263	259.86
Si	31.3231	-38.2807	13.8446	51.60865	262.92
Si	-30.8231	-38.7807	-1.7306	51.66508	248.5
Si	-40.7666	-23.8655	-15.5752	51.68654	269.17
Si	-18.8939	38.7807	29.4198	51.68674	320.21
Si	30.8231	43.7524	-5.1917	51.70182	335.76
Si	48.2241	23.3656	3.4611	51.71266	296.19
Si	-0.993	-48.724	12.114	51.71722	260.26
Si	-31.3231	33.309	-24.2281	51.73154	322.83
Si	25.8515	23.8655	-39.8032	51.75105	310.66
Si	6.4646	-48.2241	13.8446	51.84757	265.84
Si	18.3939	-41.2665	-24.2281	51.97123	254.25
Si	-3.9787	13.9222	50.1867	51.99161	294.01
Si	38.7807	-23.8655	25.9586	52.0315	253.52
Si	-25.8515	20.8798	39.8032	52.0371	292.4
Si	-38.7807	-0.993	-32.8809	52.05087	267.74
Si	-45.7383	-13.9222	-15.5752	52.06718	290.17
Si	-25.8515	-23.8655	-36.3421	52.07217	282.67
Si	-1.4929	-1.4929	-51.9173	52.08868	295.52
Si	-35.7948	35.7948	12.114	52.09366	358.19
Si	31.3231	-8.4505	41.5338	52.09384	265.52
Si	3.4788	43.2524	-31.1504	52.13582	335.34
Si	-13.9222	-15.908	-46.7255	52.18899	297.2
Si	23.8655	-23.8655	39.8032	52.22914	260.48
Si	50.7099	-15.908	1.7306	52.23127	260.47
Si	-28.8373	43.7524	-5.1917	52.27555	362.98
Si	21.3797	-23.3656	-41.5338	52.33055	271.06
Si	-31.3231	-31.3231	-24.2281	52.35244	252.22
Si	20.8798	33.809	36.3421	52.35383	258.78
Si	-50.7099	5.9646	-1.7306	52.4226	284.7
Si	23.8655	20.8798	-43.2644	52.42319	310.89
Si	20.8798	48.724	-12.114	52.47267	337.73
Si	35.7948	23.8655	-32.8809	52.51966	303.78
Si	43.7524	-8.9505	-29.4198	52.53997	293.87
Si	-48.2241	11.4363	13.8446	52.55782	305.6

Si	43.2524	8.4505	31.1504	52.56052	286.74
Si	-6.4646	3.4788	51.9173	52.56107	284.45
Si	43.2524	28.3373	17.3058	52.57344	283.87
Si	33.809	30.8231	-29.4198	52.63187	305.1
Si	1.4929	41.2665	-34.6115	52.72471	335.93
Si	25.8515	-0.993	-46.7255	52.75218	279.46
Si	-43.7524	23.8655	15.5752	52.82286	325.46
Si	-51.2099	3.4788	3.4611	52.85365	280.93
Si	46.2382	6.4646	27.6892	52.85406	287.98
Si	-43.7524	28.8373	1.7306	52.89462	349.34
Si	36.2948	21.3797	34.6115	52.9586	270
Si	28.3373	-6.4646	-44.995	52.99518	277.74
Si	-23.3656	46.2382	13.8446	53.02603	345.82
Si	-43.2524	-23.3656	-13.8446	53.02603	267.39
Si	8.9505	-13.9222	-50.1867	53.02774	292.98
Si	48.724	25.8515	-1.7306	53.17063	296.67
Si	-25.8515	15.908	-43.2644	53.17251	264.14
Si	-21.3797	18.3939	44.995	53.22918	290.79
Si	-13.4222	-28.3373	-41.5338	53.26685	294.48
Si	-33.309	41.2665	-6.9223	53.30131	364.73
Si	36.2948	-38.2807	-6.9223	53.30131	276.87
Si	13.4222	3.4788	51.9173	53.30716	270.61
Si	11.4363	21.3797	-48.4561	53.31369	287.09
Si	21.3797	-8.4505	48.4561	53.31369	259.78
Si	-21.3797	38.2807	31.1504	53.35581	318.4
Si	-35.7948	20.8798	32.8809	53.36086	290.29
Si	-41.2665	33.309	-3.4611	53.40983	351.18
Si	-33.309	36.2948	20.7669	53.41918	346.54
Si	-33.809	-25.8515	29.4198	53.4739	254.14
Si	-46.2382	23.3656	10.3835	53.52092	325.23
Si	11.4363	46.2382	27.6892	53.55096	265.05
Si	-33.309	-28.3373	-27.6892	53.55096	252.3
Si	18.8939	50.7099	12.114	53.58975	298.47
Si	-46.2382	-1.4929	24.2281	53.6113	250.43
Si	-18.8939	-40.7666	-25.9586	53.62211	266.12
Si	13.9222	-43.7524	25.9586	53.6234	246.69
Si	3.9787	0.993	53.6478	53.70771	276.15
Si	8.4505	13.4222	-51.9173	53.7226	279.43
Si	5.9646	-40.7666	-32.8809	53.73093	252.62
Si	-40.7666	-13.9222	-29.4198	53.7495	270.49
Si	53.6957	5.9646	12.114	53.77624	277.77
Si	38.7807	-23.8655	-29.4198	53.84191	280.04
Si	-50.7099	-3.9787	12.114	53.8686	279.47
Si	31.3231	-38.2807	20.7669	53.87991	258.38
Si	-28.3373	-38.2807	-20.7669	53.87991	244.26
Si	-41.2665	-26.3514	17.3058	53.88098	258.01
Si	23.8655	-13.9222	46.7255	54.05029	259.91
Si	-20.8798	-13.9222	46.7255	54.05029	267.03
Si	-11.4363	-6.4646	51.9173	54.09147	284.14
Si	18.8939	40.7666	32.8809	54.09591	257.94
Si	-46.2382	-6.4646	-24.2281	54.11634	282.22
Si	-15.908	-8.9505	-50.1867	54.13463	297.83
Si	-25.8515	0.993	46.7255	54.14091	261.57
Si	33.809	5.9646	-43.2644	54.18606	288.18
Si	1.4929	36.2948	-41.5338	54.18698	282.67
Si	-10.9363	50.7099	19.0363	54.21426	322.89
Si	13.4222	-26.3514	-44.995	54.24167	260.63
Si	28.3373	-26.3514	-38.0727	54.27203	280.38
Si	-26.3514	28.3373	38.0727	54.27203	282.93
Si	-11.4363	53.1958	10.3835	54.29705	326.87
Si	43.7524	-28.8373	-15.5752	54.29885	273.92
Si	-41.2665	33.309	10.3835	54.2996	353.8

Si	-23.8655	-45.7383	8.6529	54.30198	246.39
Si	40.7666	-30.8231	-19.0363	54.30588	274.59
Si	20.8798	8.9505	50.1867	54.31544	266.44
Si	5.9646	-5.9646	-53.6478	54.34796	289.55
Si	25.8515	33.809	36.3421	54.39129	260.56
Si	26.3514	26.3514	41.5338	54.41458	261.66
Si	-3.4788	-33.309	-41.5338	54.41458	266.15
Si	-33.309	6.4646	-41.5338	54.41458	272.05
Si	-25.8515	40.7666	25.9586	54.44247	331.56
Si	45.7383	23.8655	22.4975	54.44559	277.23
Si	-20.8798	25.8515	-43.2644	54.45806	280.54
Si	21.3797	-13.4222	-48.4561	54.46043	266.74
Si	26.3514	-38.2807	27.6892	54.46628	252.91
Si	-23.3656	-38.2807	27.6892	54.46628	249.22
Si	-23.3656	41.2665	-27.6892	54.46628	326.93
Si	0.993	53.6957	15.5752	54.47911	326.2
Si	53.6957	0.993	-15.5752	54.47911	273.97
Si	38.2807	-11.4363	38.0727	54.49801	259.03
Si	43.7524	-8.9505	32.8809	54.55346	260.98
Si	-28.3373	-28.3373	34.6115	54.56773	252.58
Si	-23.8655	13.9222	-46.7255	54.59681	263.82
Si	-1.4929	53.1958	17.3058	54.60397	325.58
Si	38.7807	-28.8373	25.9586	54.62732	252.38
Si	-21.3797	33.309	38.0727	54.63467	288.39
Si	-1.4929	18.3939	-51.9173	54.68052	276.81
Si	-43.2524	-13.4222	27.6892	54.69272	261.42
Si	-13.4222	-43.2524	27.6892	54.69272	239.69
Si	55.6816	8.9505	1.7306	54.72687	275.09
Si	-3.9787	53.6957	15.5752	54.75091	322.95
Si	51.2099	-8.4505	-20.7669	54.78974	278.67
Si	-31.3231	23.3656	38.0727	54.81634	285.6
Si	33.809	45.7383	-1.7306	54.81763	332.2
Si	-16.408	53.1958	3.4611	54.82346	329.89
Si	-38.7807	-15.908	-32.8809	54.82615	271.03
Si	38.2807	38.2807	-17.3058	54.82858	326.72
Si	38.2807	38.2807	17.3058	54.82858	304.04
Si	48.2241	-21.3797	-17.3058	54.8311	277.15
Si	-35.7948	40.7666	-8.6529	54.84221	366.34
Si	48.724	-8.9505	25.9586	54.89713	256.79
Si	-53.1958	-3.4788	0	54.91422	277.37
Si	38.2807	-31.3231	24.2281	54.92932	251.86
Si	8.4505	53.1958	-17.3058	54.96442	331.8
Si	23.8655	-48.724	-1.7306	55.00248	261.74
Si	-46.2382	-11.4363	-24.2281	55.06742	282.75
Si	-8.4505	36.2948	41.5338	55.09174	276.58
Si	1.4929	-53.1958	6.9223	55.12506	256.61
Si	28.3373	38.2807	-31.1504	55.17525	319.03
Si	30.8231	3.9787	-46.7255	55.22425	284.11
Si	21.3797	51.2099	-13.8446	55.30767	339.13
Si	51.2099	-18.3939	13.8446	55.30767	253.06
Si	21.3797	-48.2241	-13.8446	55.30767	264.74
Si	-33.809	-40.7666	-5.1917	55.30855	247.55
Si	-8.4505	26.3514	-48.4561	55.36073	285.99
Si	-23.3656	11.4363	48.4561	55.36073	278.58
Si	53.1958	18.3939	-10.3835	55.37734	269.29
Si	48.2241	-26.3514	-10.3835	55.37984	274.51
Si	-15.908	-48.724	-15.5752	55.3816	262.77
Si	15.908	53.6957	-12.114	55.4949	337.22
Si	0.993	53.6957	-19.0363	55.5677	330.76
Si	18.3939	38.2807	38.0727	55.57439	256.17
Si	-0.993	55.6816	12.114	55.58192	324.54
Si	-23.3656	51.2099	0	55.5853	340.7

Si	13.9222	55.6816	-1.7306	55.62285	319.8
Si	-10.9363	55.6816	-1.7306	55.62285	329.18
Si	-5.9646	45.7383	32.8809	55.62752	262.49
Si	0.993	48.724	29.4198	55.6467	257.26
Si	23.8655	-48.724	-8.6529	55.65204	265.33
Si	-10.9363	-38.7807	-36.3421	55.65242	272.36
Si	30.8231	8.9505	-46.7255	55.67004	286.11
Si	20.8798	-50.7099	1.7306	55.7134	260.12
Si	-13.9222	-40.7666	-32.8809	55.7193	272.45
Si	-1.4929	-31.3231	-44.995	55.77052	266.97
Si	5.9646	-45.7383	29.4198	55.82384	242.15
Si	30.8231	48.724	-5.1917	55.83905	334.11
Si	33.809	-43.7524	5.1917	55.84276	255.59
Si	-31.3231	43.2524	17.3058	55.85906	347.44
Si	-26.3514	-16.408	44.995	55.85958	265.94
Si	-16.408	38.2807	-38.0727	55.88659	288.54
Si	38.2807	-16.408	-38.0727	55.88659	274.25
Si	15.908	-30.8231	43.2644	55.89212	252.65
Si	16.408	51.2099	20.7669	55.90621	284.3
Si	23.8655	-8.9505	-50.1867	55.93122	270.44
Si	-8.9505	23.8655	50.1867	55.93122	276.78
Si	-5.9646	-53.6957	5.1917	55.93171	253.76
Si	-15.908	-33.809	39.8032	55.97598	239.64
Si	-41.2665	28.3373	24.2281	55.99988	305.23
Si	15.908	-25.8515	-46.7255	56.02485	260.1
Si	21.3797	21.3797	48.4561	56.02645	257.14
Si	-35.7948	-33.809	-22.4975	56.06008	249.76
Si	-33.809	38.7807	22.4975	56.06008	348.18
Si	45.7383	33.809	-12.114	56.11353	312.34
Si	33.809	-13.9222	-43.2644	56.15832	267.13
Si	-16.408	13.4222	-51.9173	56.19743	264.02
Si	-13.4222	36.2948	-41.5338	56.20222	285.15
Si	16.408	36.2948	-41.5338	56.20222	271.84
Si	48.2241	-1.4929	-31.1504	56.24113	281.37
Si	21.3797	46.2382	27.6892	56.25228	266.39
Si	21.3797	46.2382	-27.6892	56.25228	331.03
Si	46.2382	-18.3939	27.6892	56.25228	249.7
Si	-25.8515	-13.9222	46.7255	56.29042	268.24
Si	28.8373	-13.9222	46.7255	56.29042	256.28
Si	-13.9222	-25.8515	-46.7255	56.29042	293.77
Si	8.9505	-33.809	-43.2644	56.33508	258.74
Si	-28.8373	48.724	-5.1917	56.37068	360.54
Si	3.4788	23.3656	51.9173	56.37162	267.26
Si	33.309	13.4222	-44.995	56.38367	288.31
Si	56.1816	1.4929	13.8446	56.41389	277.78
Si	6.4646	11.4363	55.3784	56.48324	278.27
Si	43.2524	3.4788	38.0727	56.54491	266.58
Si	-36.2948	-16.408	38.0727	56.54979	263.38
Si	46.2382	1.4929	-34.6115	56.56941	281.25
Si	-53.6957	13.9222	1.7306	56.59742	285.76
Si	28.3373	48.2241	17.3058	56.60314	274.57
Si	-41.2665	-31.3231	-17.3058	56.61047	254.02
Si	-51.2099	-16.408	10.3835	56.62017	275.06
Si	33.309	48.2241	3.4611	56.63964	327.63
Si	25.8515	28.8373	43.2644	56.68208	260.9
Si	36.2948	46.2382	0	56.6861	332.8
Si	-40.7666	-8.9505	-36.3421	56.70689	265.98
Si	6.4646	46.2382	34.6115	56.78746	257.4
Si	30.8231	-30.8231	36.3421	56.79205	256.98
Si	58.1675	3.4788	3.4611	56.81491	273.23
Si	26.3514	31.3231	41.5338	56.85809	259.8
Si	18.8939	-18.8939	-50.1867	56.89565	262.19

Si	55.6816	13.9222	-12.114	56.90041	268.96
Si	31.3231	1.4929	48.4561	56.90197	256.81
Si	-28.3373	1.4929	-48.4561	56.90197	263.74
Si	51.2099	1.4929	-27.6892	56.90757	279.15
Si	41.2665	31.3231	-27.6892	56.90757	284.93
Si	-10.9363	15.908	53.6478	56.92426	288.12
Si	55.6816	-15.908	1.7306	56.9404	259.48
Si	45.7383	-30.8231	15.5752	56.96107	251.21
Si	-31.3231	28.3373	-38.0727	56.98279	267.61
Si	5.9646	-30.8231	-46.7255	56.9877	259.32
Si	28.8373	-28.8373	39.8032	57.02568	257.61
Si	-10.9363	-28.8373	46.7255	57.07608	238.4
Si	23.3656	53.1958	-10.3835	57.09134	337.64
Si	-50.7099	-3.9787	-22.4975	57.10703	284.02
Si	56.1816	16.408	-6.9223	57.1072	269.45
Si	-13.4222	56.1816	-6.9223	57.1072	328.66
Si	36.2948	-43.2524	-6.9223	57.1072	277.11
Si	-33.309	-43.2524	6.9223	57.1072	241.9
Si	23.8655	35.7948	39.8032	57.10916	256.94
Si	6.4646	31.3231	48.4561	57.11876	267.06
Si	6.4646	-48.2241	27.6892	57.12434	240.92
Si	-48.2241	-3.4788	27.6892	57.12434	251.24
Si	-48.724	23.8655	15.5752	57.13898	322.95
Si	-21.3797	8.4505	-51.9173	57.15737	263.3
Si	-55.6816	0.993	-1.7306	57.20292	278.67
Si	-33.809	-40.7666	15.5752	57.22471	238.54
Si	-53.6957	-10.9363	8.6529	57.22889	277.74
Si	43.2524	-36.2948	10.3835	57.26764	251.86
Si	48.724	20.8798	25.9586	57.27549	273.74
Si	23.3656	38.2807	38.0727	57.28249	257.46
Si	-40.7666	-18.8939	32.8809	57.29429	262.56
Si	-6.4646	58.1675	3.4611	57.33508	326.21
Si	-18.8939	53.6957	-12.114	57.33678	329.22
Si	-50.7099	-18.8939	12.114	57.33678	276.48
Si	-0.993	5.9646	-57.109	57.33769	284.27
Si	-8.9505	-15.908	-53.6478	57.35804	289.62
Si	53.1958	-16.408	-17.3058	57.38572	278.53
Si	53.1958	-16.408	17.3058	57.38572	254.42
Si	-55.6816	0.993	5.1917	57.41196	279.63
Si	51.2099	-18.3939	-20.7669	57.43282	277.27
Si	21.3797	51.2099	-20.7669	57.43282	339.31
Si	-16.408	18.3939	51.9173	57.45857	287.85
Si	-21.3797	53.1958	-10.3835	57.48184	329.95
Si	-6.4646	-46.2382	31.1504	57.54932	238.18
Si	-21.3797	-51.2099	3.4611	57.55624	246.35
Si	16.408	-3.4788	-55.3784	57.56688	264.61
Si	10.9363	-30.8231	-46.7255	57.59149	261.01
Si	0.993	8.9505	57.109	57.596	276.63
Si	-28.3373	-43.2524	-20.7669	57.64761	244.5
Si	46.2382	31.3231	20.7669	57.64761	280.75
Si	38.2807	-21.3797	38.0727	57.6717	257.02
Si	41.2665	6.4646	41.5338	57.721	264.99
Si	45.7383	-15.908	-32.8809	57.80657	283.87
Si	33.309	43.2524	24.2281	57.81971	270.27
Si	20.8798	-50.7099	15.5752	57.82364	251.04
Si	28.8373	-48.724	-8.6529	57.83016	265.09
Si	-18.8939	-5.9646	-53.6478	57.87334	297.51
Si	38.7807	10.9363	-43.2644	57.89094	285.08
Si	-0.993	10.9363	-57.109	57.93783	282.89
Si	43.2524	-11.4363	38.0727	57.97022	259.38
Si	13.9222	-38.7807	39.8032	57.9719	251.74
Si	-18.3939	26.3514	-48.4561	57.97778	276.5

Si	-36.2948	-41.2665	10.3835	58.0008	239.46
Si	13.4222	58.1675	3.4611	58.01981	312.97
Si	38.2807	-36.2948	24.2281	58.03663	248.91
Si	-3.9787	58.6675	8.6529	58.08391	321.61
Si	-8.9505	58.6675	1.7306	58.14626	326.55
Si	-6.4646	58.1675	10.3835	58.16484	322.22
Si	26.3514	46.2382	27.6892	58.19604	264.49
Si	-31.3231	18.3939	-44.995	58.19862	264.48
Si	-53.1958	16.408	13.8446	58.35227	304.38
Si	-33.309	46.2382	-13.8446	58.35227	357.29
Si	8.9505	10.9363	-57.109	58.3629	277.23
Si	23.8655	-3.9787	53.6478	58.3829	257.39
Si	28.8373	50.7099	-15.5752	58.41761	333.2
Si	23.8655	-43.7524	-29.4198	58.42253	242.47
Si	13.4222	-41.2665	-38.0727	58.48249	247.91
Si	-8.9505	48.724	-32.8809	58.48932	304.99
Si	16.408	46.2382	34.6115	58.50263	257.59
Si	-43.7524	-5.9646	36.3421	58.51064	254.58
Si	-1.4929	28.3373	51.9173	58.52297	267.09
Si	53.1958	-11.4363	24.2281	58.5436	257.44
Si	45.7383	13.9222	36.3421	58.59082	265.62
Si	21.3797	-53.1958	-6.9223	58.60253	262.48
Si	-53.1958	-18.3939	-6.9223	58.60253	267.39
Si	3.9787	-33.809	46.7255	58.61463	251.83
Si	3.4788	-56.1816	-10.3835	58.63538	250.48
Si	50.7099	-10.9363	29.4198	58.67135	254.76
Si	-23.8655	53.6957	8.6529	58.6776	327.81
Si	-1.4929	-56.1816	10.3835	58.67776	254.67
Si	-30.8231	40.7666	-29.4198	58.75602	304.6
Si	-55.6816	-8.9505	-8.6529	58.76108	267.41
Si	-10.9363	55.6816	19.0363	58.76469	322.31
Si	43.7524	10.9363	39.8032	58.81612	266.92
Si	-40.7666	25.8515	32.8809	58.82478	287.07
Si	25.8515	-40.7666	-32.8809	58.82478	244.82
Si	20.8798	53.6957	-19.0363	58.8504	338.24
Si	-16.408	48.2241	31.1504	58.94567	297.68
Si	-26.3514	3.4788	-51.9173	58.94616	263.29
Si	43.7524	40.7666	12.114	58.94939	297.46
Si	-36.2948	-31.3231	31.1504	58.95036	251.91
Si	18.3939	43.2524	-38.0727	58.98327	270.82
Si	13.4222	-56.1816	3.4611	58.99691	260.06
Si	-40.7666	-38.7807	-8.6529	59.01434	250.69
Si	30.8231	33.809	-39.8032	59.0668	288.93
Si	48.2241	28.3373	24.2281	59.08828	277.19
Si	-31.3231	-41.2665	24.2281	59.0953	240.8
Si	23.3656	-16.408	51.9173	59.11225	254.07
Si	-6.4646	-56.1816	10.3835	59.13955	253.86
Si	-13.9222	28.8373	50.1867	59.19493	269.6
Si	18.3939	-21.3797	51.9173	59.19629	253.09
Si	-55.6816	10.9363	12.114	59.20184	301.83
Si	3.9787	-13.9222	-57.109	59.20505	277.14
Si	58.6675	-13.9222	-1.7306	59.24144	258.37
Si	-0.993	50.7099	32.8809	59.24232	256.14
Si	43.7524	30.8231	-29.4198	59.25916	287.6
Si	-6.4646	-36.2948	-44.995	59.29399	266.34
Si	-26.3514	8.4505	-51.9173	59.32212	262.89
Si	26.3514	51.2099	20.7669	59.33792	271.54
Si	28.3373	38.2807	38.0727	59.359	258.24
Si	-25.8515	25.8515	46.7255	59.36604	280.23
Si	-38.2807	-13.4222	41.5338	59.40923	260.82
Si	41.2665	-13.4222	41.5338	59.40923	258.99
Si	-13.9222	-55.6816	-5.1917	59.44331	245.77

Si	-6.4646	-1.4929	-58.8396	59.45023	282.42
Si	-6.4646	-1.4929	58.8396	59.45023	262.34
Si	-40.7666	-33.809	-22.4975	59.48292	250.99
Si	-31.3231	33.309	38.0727	59.48681	279.36
Si	33.309	-31.3231	38.0727	59.48681	257.86
Si	-28.8373	28.8373	43.2644	59.49317	279.57
Si	33.809	50.7099	-8.6529	59.51065	333.48
Si	-45.7383	0.993	-36.3421	59.5968	263.09
Si	26.3514	-33.309	41.5338	59.61689	256.51
Si	-38.7807	-40.7666	-12.114	59.62021	253.08
Si	36.2948	1.4929	48.4561	59.65875	257.67
Si	1.4929	36.2948	-48.4561	59.65875	275.47
Si	36.2948	-38.2807	27.6892	59.66409	250.36
Si	-21.3797	33.309	-44.995	59.66545	278.45
Si	11.4363	21.3797	-55.3784	59.67515	279.86
Si	-53.6957	13.9222	-19.0363	59.68798	262.36
Si	-23.8655	-25.8515	-46.7255	59.78326	277.26
Si	58.1675	-6.4646	-17.3058	59.78981	268.18
Si	-26.3514	-26.3514	44.995	59.79261	251.15
Si	-23.8655	8.9505	-53.6478	59.80598	263.38
Si	21.3797	56.1816	-13.8446	59.81648	337.24
Si	-18.3939	56.1816	13.8446	59.81648	324.71
Si	-20.8798	55.6816	12.114	59.86406	327.43
Si	26.3514	-23.3656	-48.4561	59.86555	258.19
Si	-33.309	6.4646	48.4561	59.86555	259.17
Si	-38.2807	46.2382	0	59.8672	332.08
Si	33.809	-48.724	5.1917	59.94183	256.2
Si	5.9646	38.7807	-46.7255	59.94704	274.24
Si	-35.7948	5.9646	46.7255	59.94704	258.17
Si	-38.2807	41.2665	20.7669	59.95951	346.24
Si	46.2382	-18.3939	-34.6115	59.96318	284.24
Si	21.3797	-43.2524	-34.6115	59.96318	244.81
Si	-20.8798	50.7099	25.9586	59.97252	306.25
Si	55.6816	-10.9363	22.4975	59.97535	256.07
Si	-16.408	-41.2665	38.0727	59.98613	235.86
Si	10.9363	58.6675	15.5752	60.00578	280.01
Si	-31.3231	-31.3231	38.0727	60.02755	254.2
Si	23.8655	-28.8373	46.7255	60.03106	255.27
Si	1.4929	61.1533	6.9223	60.06065	317.88
Si	61.1533	1.4929	-6.9223	60.06065	255
Si	-36.2948	-11.4363	44.995	60.16328	264.77
Si	48.2241	-36.2948	3.4611	60.19713	250.31
Si	-43.7524	23.8655	-32.8809	60.23971	258.02
Si	-58.1675	6.4646	-6.9223	60.26607	265.29
Si	-16.408	58.1675	-10.3835	60.33464	327.85
Si	-48.724	-30.8231	8.6529	60.34021	242.82
Si	-30.8231	-48.724	-8.6529	60.34021	243.99
Si	3.4788	53.1958	31.1504	60.39435	256.59
Si	10.9363	-30.8231	50.1867	60.4335	248.75
Si	-1.4929	53.1958	31.1504	60.4355	257.25
Si	-0.993	60.6534	12.114	60.43913	321.42
Si	-31.3231	-46.2382	-17.3058	60.45359	243.88
Si	-23.3656	-53.1958	6.9223	60.4708	246.22
Si	61.1533	11.4363	0	60.48334	270.3
Si	-58.1675	-8.4505	0	60.48334	267.74
Si	8.9505	-48.724	32.8809	60.48564	242.81
Si	46.2382	-28.3373	27.6892	60.48698	249.44
Si	35.7948	-15.908	-46.7255	60.52017	267.22
Si	18.8939	35.7948	46.7255	60.52017	253.1
Si	41.2665	31.3231	-34.6115	60.57835	285.55
Si	53.6957	-28.8373	5.1917	60.59711	248.09
Si	8.4505	-56.1816	-17.3058	60.61555	250.36

Si	48.2241	-21.3797	31.1504	60.64079	250.48
Si	38.7807	-43.7524	-15.5752	60.66379	258.24
Si	18.8939	30.8231	-50.1867	60.6775	266.27
Si	16.408	21.3797	55.3784	60.70183	255.99
Si	-16.408	-51.2099	24.2281	60.70441	241.19
Si	-40.7666	-3.9787	-43.2644	60.72566	256.98
Si	-48.724	18.8939	29.4198	60.74585	273.11
Si	28.3373	53.1958	-17.3058	60.77253	334.1
Si	-21.3797	23.3656	51.9173	60.80273	280.85
Si	33.309	53.1958	3.4611	60.80653	321.7
Si	-40.7666	25.8515	-36.3421	60.82719	256.91
Si	41.2665	-18.3939	41.5338	60.84801	258.77
Si	-38.2807	21.3797	41.5338	60.84801	275.66
Si	-3.9787	3.9787	-60.5701	60.86755	281.24
Si	-3.9787	-0.993	-60.5701	60.86755	283.16
Si	61.1533	-8.4505	6.9223	60.87818	253.66
Si	-38.7807	23.8655	-39.8032	60.88342	258.05
Si	-38.7807	-20.8798	-39.8032	60.88342	260.23
Si	-6.4646	53.1958	-31.1504	60.88396	304.06
Si	58.6675	-18.8939	5.1917	60.9221	257.85
Si	-35.7948	-33.809	32.8809	60.97337	251.13
Si	-56.1816	18.3939	-10.3835	60.99023	257.75
Si	-28.8373	-50.7099	8.6529	60.99121	244.28
Si	43.2524	33.309	31.1504	61.04477	261.01
Si	-48.2241	36.2948	6.9223	61.08085	327.61
Si	3.4788	-46.2382	-38.0727	61.08787	245.57
Si	18.3939	-36.2948	44.995	61.14	250.89
Si	53.1958	23.3656	-24.2281	61.14412	271.01
Si	-46.2382	38.2807	-10.3835	61.15077	319.93
Si	-8.9505	58.6675	-19.0363	61.1586	301.01
Si	8.9505	5.9646	60.5701	61.19111	272.81
Si	-21.3797	58.1675	3.4611	61.21393	329.74
Si	58.1675	-21.3797	-3.4611	61.21393	257.92
Si	-0.993	50.7099	-36.3421	61.23107	305.89
Si	-41.2665	23.3656	-38.0727	61.28873	258.06
Si	23.8655	0.993	-57.109	61.33694	255.15
Si	-41.2665	-41.2665	10.3835	61.35592	238.85
Si	51.2099	11.4363	-34.6115	61.38898	259.75
Si	51.2099	-8.4505	34.6115	61.38898	257.28
Si	43.7524	-38.7807	19.0363	61.40197	248.26
Si	33.309	-6.4646	51.9173	61.40836	258.9
Si	18.8939	25.8515	53.6478	61.43469	256.12
Si	-58.1675	-3.4788	-13.8446	61.44717	258.56
Si	-3.4788	-58.1675	-13.8446	61.44717	248.12
Si	46.2382	-38.2807	-13.8446	61.44717	250.38
Si	38.7807	15.908	46.7255	61.49347	252.22
Si	16.408	36.2948	-48.4561	61.49493	266.62
Si	-13.4222	-33.309	48.4561	61.49493	237.42
Si	-58.1675	-13.4222	0	61.49653	266.02
Si	56.1816	6.4646	27.6892	61.50011	252.29
Si	48.2241	33.309	-24.2281	61.50665	281.64
Si	53.1958	-21.3797	24.2281	61.5089	248.97
Si	-21.3797	53.1958	-24.2281	61.5089	297.29
Si	28.8373	45.7383	32.8809	61.5347	261.07
Si	-16.408	-26.3514	51.9173	61.5723	235.8
Si	20.8798	13.9222	57.109	61.57736	260.2
Si	-28.3373	51.2099	20.7669	61.5864	317.86
Si	58.1675	18.3939	-17.3058	61.62096	269.47
Si	-51.2099	28.3373	17.3058	61.62545	322.11
Si	23.3656	58.1675	10.3835	61.62987	288.81
Si	-23.3656	-53.1958	13.8446	61.64797	245.84
Si	-11.4363	48.2241	38.0727	61.64816	270.42

Si	-38.7807	-0.993	-46.7255	61.73664	257.17
Si	-46.2382	-36.2948	10.3835	61.75746	240.18
Si	38.2807	33.309	-38.0727	61.76676	286.79
Si	-53.1958	-18.3939	-20.7669	61.78675	260.54
Si	-43.2524	26.3514	-34.6115	61.79031	257.43
Si	-33.809	-5.9646	50.1867	61.8105	257.48
Si	-43.2524	11.4363	-41.5338	61.85523	258.77
Si	-33.309	31.3231	41.5338	61.85523	280.41
Si	43.7524	35.7948	-29.4198	61.8709	286.82
Si	53.6957	-13.9222	-29.4198	61.87313	277.93
Si	58.6675	-18.8939	12.114	61.89748	254.69
Si	-18.8939	13.9222	57.109	61.89944	283.82
Si	-8.9505	-5.9646	-60.5701	61.91461	281.71
Si	-33.809	-45.7383	-19.0363	61.96276	244.14
Si	50.7099	-35.7948	-5.1917	61.9649	247.59
Si	-35.7948	50.7099	5.1917	61.9649	324.06
Si	-21.3797	58.1675	-10.3835	61.99179	328.33
Si	28.8373	50.7099	25.9586	61.99904	265.61
Si	18.8939	45.7383	39.8032	62.00597	253.98
Si	-45.7383	-3.9787	39.8032	62.0082	256.27
Si	8.4505	58.1675	24.2281	62.02755	271.36
Si	-10.9363	-58.6675	-8.6529	62.0373	246.18
Si	13.9222	-58.6675	-8.6529	62.0373	256.35
Si	38.7807	45.7383	-22.4975	62.08191	283.51
Si	3.4788	-41.2665	-44.995	62.10359	245.19
Si	-31.3231	53.1958	-10.3835	62.11196	349.42
Si	-40.7666	-43.7524	5.1917	62.12848	240.31
Si	33.809	45.7383	-29.4198	62.18924	284.11
Si	-53.6957	-10.9363	-25.9586	62.24246	275.79
Si	13.9222	-53.6957	25.9586	62.24246	244.28
Si	-33.809	33.809	-39.8032	62.24825	262.38
Si	38.2807	-31.3231	38.0727	62.28771	256.64
Si	35.7948	-35.7948	36.3421	62.3518	254.08
Si	-55.6816	25.8515	5.1917	62.36363	287.21
Si	-13.4222	-48.2241	34.6115	62.38747	239.15
Si	-10.9363	30.8231	53.6478	62.39262	268.32
Si	-13.9222	-40.7666	43.2644	62.41226	237.67
Si	60.6534	-10.9363	15.5752	62.42621	250.17
Si	16.408	-23.3656	-55.3784	62.50738	251.75
Si	0.993	-35.7948	50.1867	62.52462	251.34
Si	-36.2948	48.2241	-17.3058	62.53962	355.87
Si	-38.7807	43.7524	22.4975	62.56162	346.56
Si	13.4222	-31.3231	51.9173	62.56676	249.5
Si	-11.4363	-51.2099	-31.1504	62.57071	246.49
Si	-23.3656	41.2665	41.5338	62.64935	270.74
Si	-23.3656	-38.2807	41.5338	62.64935	234.2
Si	35.7948	-50.7099	-5.1917	62.67947	253.95
Si	41.2665	41.2665	27.6892	62.69426	264.74
Si	41.2665	41.2665	-27.6892	62.69426	285.24
Si	23.3656	-36.2948	-44.995	62.69666	249.76
Si	-8.9505	-10.9363	-60.5701	62.70798	281.04
Si	58.6675	0.993	25.9586	62.79354	252.08
Si	-55.6816	0.993	25.9586	62.79354	245.23
Si	55.6816	23.8655	22.4975	62.79405	259.04
Si	-43.7524	-35.7948	22.4975	62.79845	238.18
Si	28.3373	58.1675	-3.4611	62.80614	323.69
Si	-1.4929	23.3656	-58.8396	62.84443	260.82
Si	-11.4363	-16.408	58.8396	62.84663	249.31
Si	33.809	-3.9787	53.6478	62.86776	260.21
Si	6.4646	41.2665	-48.4561	62.88601	274.21
Si	21.3797	36.2948	48.4561	62.88601	252.81
Si	30.8231	48.724	29.4198	62.90126	263.19

Si	33.809	-43.7524	-29.4198	62.90456	243.08
Si	25.8515	43.7524	-39.8032	62.95631	268.21
Si	43.7524	25.8515	39.8032	62.95631	249.93
Si	43.7524	0.993	46.7255	63.00306	263.78
Si	58.6675	-3.9787	25.9586	63.0295	251.98
Si	50.7099	33.809	22.4975	63.03	278.5
Si	-33.809	-50.7099	1.7306	63.04247	241.26
Si	-18.8939	-15.908	57.109	63.08603	250.93
Si	36.2948	46.2382	-27.6892	63.08729	281.84
Si	6.4646	31.3231	55.3784	63.09775	265.05
Si	-23.8655	58.6675	8.6529	63.14153	328.34
Si	43.7524	5.9646	46.7255	63.15958	262.59
Si	3.4788	-21.3797	-58.8396	63.16005	261.26
Si	-38.2807	36.2948	-34.6115	63.1749	267.07
Si	13.4222	-41.2665	-44.995	63.20775	247.06
Si	-18.3939	-58.1675	6.9223	63.26742	243.55
Si	-6.4646	23.3656	58.8396	63.27582	264.31
Si	-46.2382	-36.2948	17.3058	63.29026	237.45
Si	-55.6816	20.8798	19.0363	63.30214	302.63
Si	33.809	55.6816	5.1917	63.30641	321.23
Si	-25.8515	0.993	-57.109	63.31981	261.78
Si	-30.8231	10.9363	53.6478	63.33715	258.22
Si	-46.2382	18.3939	38.0727	63.35163	264.86
Si	-58.6675	-10.9363	15.5752	63.3746	266.98
Si	63.6392	10.9363	-8.6529	63.4524	262.76
Si	18.8939	40.7666	46.7255	63.47036	253.16
Si	11.4363	41.2665	48.4561	63.47286	250.9
Si	43.7524	20.8798	-43.2644	63.50997	257.64
Si	-46.2382	43.2524	3.4611	63.51451	320.2
Si	28.8373	-53.6957	-15.5752	63.5302	255.74
Si	53.1958	38.2807	-3.4611	63.54929	257.91
Si	26.3514	-53.1958	20.7669	63.56149	250.08
Si	-53.1958	-23.3656	-20.7669	63.56149	258.4
Si	-61.1533	-1.4929	10.3835	63.57104	273.5
Si	-18.8939	28.8373	-53.6478	63.57218	270.22
Si	-15.908	50.7099	-36.3421	63.60706	284.2
Si	-8.9505	-60.6534	8.6529	63.6089	252.65
Si	63.6392	-8.9505	-8.6529	63.6089	256.43
Si	0.993	-50.7099	36.3421	63.60923	240.26
Si	-43.2524	46.2382	-6.9223	63.65691	328.9
Si	-43.2524	-43.2524	6.9223	63.65691	240.56
Si	3.4788	38.2807	51.9173	63.66072	259.43
Si	-13.9222	13.9222	-60.5701	63.7248	261.37
Si	5.9646	53.6957	36.3421	63.76426	254.54
Si	-58.6675	18.8939	-12.114	63.78723	260.05
Si	33.809	-48.724	-22.4975	63.81383	244.49
Si	-28.3373	-53.1958	13.8446	63.81511	244.23
Si	63.1392	-11.4363	-10.3835	63.83766	255.25
Si	33.809	45.7383	32.8809	63.8994	261.39
Si	30.8231	33.809	-46.7255	63.93641	280.38
Si	-58.1675	11.4363	-20.7669	63.94919	262.18
Si	11.4363	61.1533	-20.7669	63.94919	305.16
Si	-28.3373	46.2382	-34.6115	63.95263	285.3
Si	-50.7099	30.8231	-22.4975	63.96513	257.55
Si	10.9363	28.8373	57.109	64.01818	266.93
Si	-48.2241	41.2665	-6.9223	64.04403	319
Si	41.2665	51.2099	6.9223	64.04403	295.46
Si	-56.1816	23.3656	-17.3058	64.06444	262.69
Si	-55.6816	25.8515	-15.5752	64.06914	261.94
Si	23.3656	48.2241	38.0727	64.1229	252.42
Si	3.9787	-48.724	39.8032	64.12658	240.77
Si	53.1958	-36.2948	-3.4611	64.1333	248.32

Si	-33.309	-48.2241	20.7669	64.14216	238.93
Si	-5.9646	40.7666	-50.1867	64.1618	271.86
Si	-58.6675	-20.8798	1.7306	64.20902	262.39
Si	63.6392	5.9646	-15.5752	64.22413	258.1
Si	30.8231	3.9787	57.109	64.24856	256.17
Si	31.3231	-48.2241	27.6892	64.25195	249.92
Si	-36.2948	-1.4929	-51.9173	64.28239	258.17
Si	18.8939	45.7383	-43.2644	64.28258	267.01
Si	-16.408	63.1392	-3.4611	64.28599	318.97
Si	-53.6957	-0.993	-32.8809	64.28936	261.04
Si	58.6675	0.993	-29.4198	64.30165	274.2
Si	0.993	-55.6816	29.4198	64.30165	237.59
Si	53.6957	10.9363	-36.3421	64.30446	259.64
Si	40.7666	48.724	-19.0363	64.3085	284.86
Si	18.3939	-41.2665	-44.995	64.33161	247.8
Si	-26.3514	-51.2099	-24.2281	64.34197	238.54
Si	43.2524	-36.2948	31.1504	64.35923	242.72
Si	35.7948	-50.7099	15.5752	64.37661	253.45
Si	15.908	63.6392	8.6529	64.38032	281.1
Si	-13.9222	-35.7948	50.1867	64.39489	238.27
Si	60.6534	-20.8798	-12.114	64.3991	256.1
Si	-33.309	36.2948	-41.5338	64.40032	262.46
Si	36.2948	36.2948	41.5338	64.40032	249.44
Si	-21.3797	-56.1816	17.3058	64.41268	247.04
Si	-38.2807	16.408	48.4561	64.43907	262.83
Si	16.408	-38.2807	-48.4561	64.43907	247.95
Si	-13.4222	41.2665	-48.4561	64.43907	272.3
Si	-31.3231	-51.2099	17.3058	64.45125	241.84
Si	-21.3797	48.2241	-38.0727	64.47083	281.2
Si	50.7099	13.9222	-39.8032	64.50659	259.25
Si	18.8939	-58.6675	-15.5752	64.53407	251.87
Si	53.1958	-21.3797	31.1504	64.5499	249.11
Si	43.7524	15.908	46.7255	64.62919	251.4
Si	-33.309	26.3514	-48.4561	64.63057	262.18
Si	-13.4222	-28.3373	55.3784	64.64571	236.75
Si	31.3231	16.408	55.3784	64.64571	250.87
Si	16.408	-28.3373	-55.3784	64.64571	249.41
Si	58.6675	-13.9222	25.9586	64.65604	253.74
Si	-36.2948	-6.4646	-51.9173	64.7042	259.1
Si	-6.4646	-36.2948	-51.9173	64.7042	263.12
Si	-0.993	-28.8373	-57.109	64.71114	243.09
Si	-18.8939	58.6675	22.4975	64.7355	312.05
Si	13.4222	38.2807	-51.9173	64.73833	263
Si	-1.4929	58.1675	-31.1504	64.74002	294.97
Si	28.3373	-1.4929	-58.8396	64.7428	256.52
Si	-1.4929	28.3373	58.8396	64.7428	265
Si	46.2382	46.2382	13.8446	64.77621	292.81
Si	-10.9363	20.8798	60.5701	64.80028	263.17
Si	-3.9787	23.8655	-60.5701	64.80135	260.43
Si	-11.4363	-61.1533	-10.3835	64.80376	246.54
Si	66.125	-3.4788	0	64.82304	251.84
Si	3.4788	48.2241	-44.995	64.90219	275.28
Si	6.4646	-53.1958	-34.6115	64.91169	239.04
Si	6.4646	56.1816	34.6115	64.91169	255.47
Si	-60.6534	-8.9505	-15.5752	64.91383	256.53
Si	-46.2382	38.2807	-24.2281	64.95074	257.49
Si	51.2099	-3.4788	41.5338	64.97349	255.82
Si	6.4646	51.2099	41.5338	64.97349	253.39
Si	55.6816	-30.8231	15.5752	64.98718	247.79
Si	66.125	1.4929	-6.9223	65.00174	252.21
Si	1.4929	-63.1392	-6.9223	65.00174	248.37
Si	23.8655	40.7666	46.7255	65.00946	254.13

Si	-51.2099	23.3656	-31.1504	65.01034	254.29
Si	-21.3797	33.309	51.9173	65.04476	263.59
Si	50.7099	43.7524	-5.1917	65.0779	257.59
Si	38.2807	-51.2099	-10.3835	65.10563	254.79
Si	38.2807	-51.2099	10.3835	65.10563	253.57
Si	-38.7807	28.8373	43.2644	65.12663	274.09
Si	50.7099	23.8655	36.3421	65.14292	248.6
Si	10.9363	8.9505	64.0313	65.15211	273.22
Si	-48.2241	41.2665	-13.8446	65.15668	318.48
Si	-38.2807	-48.2241	-13.8446	65.15668	243.79
Si	-48.2241	41.2665	13.8446	65.15668	317.03
Si	23.3656	43.2524	-44.995	65.1676	267.25
Si	56.1816	36.2948	-6.9223	65.1916	258.26
Si	-53.1958	36.2948	-6.9223	65.1916	311.75
Si	-3.4788	-63.1392	-6.9223	65.1916	247.3
Si	-31.3231	23.3656	-51.9173	65.19744	260.91
Si	50.7099	28.8373	-32.8809	65.20112	268.51
Si	3.9787	-63.6392	-1.7306	65.20244	246.65
Si	15.908	-50.7099	36.3421	65.22025	242.85
Si	23.3656	-16.408	58.8396	65.27595	249.34
Si	-8.9505	-5.9646	64.0313	65.30453	249.37
Si	20.8798	-60.6534	-5.1917	65.30666	257.33
Si	3.9787	25.8515	60.5701	65.33192	264.52
Si	-23.8655	58.6675	-19.0363	65.37861	305.56
Si	38.7807	-48.724	19.0363	65.37966	252.39
Si	66.125	-8.4505	0	65.3925	251.3
Si	21.3797	1.4929	-62.3007	65.39772	256.93
Si	-10.9363	-53.6957	32.8809	65.43262	239.14
Si	-26.3514	58.1675	17.3058	65.47369	311.25
Si	26.3514	-48.2241	-34.6115	65.48039	243.32
Si	11.4363	56.1816	34.6115	65.48039	254.87
Si	-35.7948	5.9646	53.6478	65.48635	259.19
Si	28.8373	45.7383	39.8032	65.4955	256.23
Si	53.1958	-11.4363	38.0727	65.49718	253.75
Si	-36.2948	-11.4363	-51.9173	65.50172	259.14
Si	43.2524	-21.3797	44.995	65.50998	254.31
Si	-46.2382	-36.2948	-24.2281	65.52226	245.37
Si	-10.9363	65.6251	5.1917	65.53147	314.13
Si	-8.4505	-48.2241	41.5338	65.54165	240.62
Si	20.8798	-30.8231	-53.6478	65.56116	250.83
Si	50.7099	-0.993	43.2644	65.5767	258.79
Si	-31.3231	58.1675	-3.4611	65.58109	319.28
Si	-40.7666	0.993	-50.1867	65.61107	257.52
Si	53.6957	0.993	39.8032	65.64818	257.68
Si	-60.6534	15.908	-15.5752	65.66992	259.84
Si	15.908	-60.6534	15.5752	65.66992	245.98
Si	33.809	45.7383	-36.3421	65.74743	279.59
Si	3.9787	-63.6392	-8.6529	65.75132	249.61
Si	58.1675	13.4222	31.1504	65.76217	249.76
Si	38.7807	-18.8939	-50.1867	65.76243	265.84
Si	-18.3939	-38.2807	48.4561	65.76791	238.16
Si	21.3797	41.2665	-48.4561	65.76791	266.41
Si	-50.7099	-33.809	19.0363	65.83115	239.1
Si	33.809	-3.9787	-57.109	65.84604	256.7
Si	53.1958	-31.3231	-24.2281	65.8565	243.11
Si	53.1958	-31.3231	24.2281	65.8565	247.35
Si	-18.8939	33.809	-53.6478	65.86376	270
Si	-43.7524	-40.7666	22.4975	65.87207	236.27
Si	-23.3656	46.2382	-41.5338	65.9177	284.74
Si	-23.3656	46.2382	41.5338	65.9177	270.49
Si	53.6957	-38.7807	-1.7306	65.95522	249.09
Si	-50.7099	-38.7807	-1.7306	65.95522	237.92

Si	1.4929	46.2382	-48.4561	65.95556	275.61
Si	8.4505	-46.2382	-44.995	65.96371	245.73
Si	43.7524	50.7099	12.114	65.99189	294.1
Si	25.8515	-20.8798	57.109	65.99476	248.55
Si	10.9363	-35.7948	-53.6478	66.01245	248.27
Si	-18.8939	-55.6816	-25.9586	66.01817	242.12
Si	-6.4646	-56.1816	31.1504	66.0304	238.86
Si	-56.1816	-6.4646	31.1504	66.0304	244.13
Si	8.9505	15.908	-64.0313	66.05615	257.13
Si	-5.9646	15.908	-64.0313	66.05615	259.28
Si	53.1958	28.3373	-31.1504	66.06176	269.01
Si	-46.2382	-6.4646	44.995	66.07666	254.65
Si	-6.4646	-46.2382	44.995	66.07666	239.97
Si	61.1533	26.3514	13.8446	66.09827	248.96
Si	1.4929	66.125	-13.8446	66.09827	281.22
Si	28.8373	-58.6675	-1.7306	66.10579	255.13
Si	-58.6675	-25.8515	1.7306	66.10579	261.39
Si	3.9787	60.6534	-29.4198	66.11854	287.99
Si	-5.9646	-63.6392	-8.6529	66.12618	246.94
Si	6.4646	-43.2524	-48.4561	66.14267	245.92
Si	6.4646	46.2382	48.4561	66.14267	247.56
Si	-23.3656	-53.1958	27.6892	66.14749	239.18
Si	-8.4505	36.2948	-55.3784	66.15747	268.29
Si	13.4222	-26.3514	58.8396	66.17935	245.94
Si	-48.724	-40.7666	8.6529	66.20027	240.87
Si	23.3656	63.1392	-10.3835	66.23064	325.85
Si	33.309	38.2807	44.995	66.25822	249.58
Si	28.8373	-58.6675	5.1917	66.28676	253.17
Si	63.1392	-1.4929	24.2281	66.30369	250.42
Si	-1.4929	-6.4646	-65.7618	66.30881	275.75
Si	10.9363	53.6957	-39.8032	66.32204	271.29
Si	-48.724	3.9787	43.2644	66.33044	249.51
Si	-26.3514	-11.4363	58.8396	66.36687	248.12
Si	33.809	-43.7524	-36.3421	66.42444	242.88
Si	16.408	51.2099	41.5338	66.47779	254.63
Si	53.6957	-38.7807	-8.6529	66.49788	248.1
Si	-15.908	30.8231	-57.109	66.51685	269.19
Si	-33.809	18.8939	-53.6478	66.53647	260.57
Si	18.8939	-33.809	53.6478	66.53647	246.58
Si	33.309	28.3373	51.9173	66.54538	249.23
Si	53.1958	43.2524	3.4611	66.55092	260.52
Si	-53.6957	18.8939	-32.8809	66.55626	252.44
Si	-60.6534	15.908	19.0363	66.57578	295.58
Si	38.7807	30.8231	46.7255	66.58764	247.43
Si	-35.7948	35.7948	-43.2644	66.62436	262.78
Si	-63.6392	8.9505	-12.114	66.66745	255.67
Si	-3.9787	-25.8515	-60.5701	66.68128	241.43
Si	66.125	-13.4222	6.9223	66.69098	253.95
Si	-23.8655	-50.7099	-32.8809	66.7034	239.37
Si	53.6957	30.8231	-29.4198	66.71525	268.07
Si	-30.8231	-53.6957	19.0363	66.72703	243.06
Si	25.8515	-60.6534	1.7306	66.77193	252.75
Si	68.1109	-1.4929	3.4611	66.77464	250.15
Si	-13.9222	-60.6534	-19.0363	66.79942	242.53
Si	-35.7948	-53.6957	5.1917	66.80657	241.9
Si	11.4363	66.125	13.8446	66.842	271.46
Si	58.1675	18.3939	-31.1504	66.84309	257.8
Si	48.2241	-46.2382	-3.4611	66.88828	244.87
Si	48.724	20.8798	-43.2644	66.92113	256.8
Si	65.6251	-0.993	-19.0363	66.94396	256.6
Si	3.9787	45.7383	-50.1867	66.95172	273.85
Si	33.309	-1.4929	-58.8396	66.95724	256.97

Si	18.8939	-28.8373	-57.109	66.96376	250.29
Si	51.2099	-38.2807	-20.7669	66.97002	244.61
Si	48.724	35.7948	32.8809	66.99672	258.4
Si	-15.908	65.6251	-8.6529	67.01192	317.06
Si	3.9787	-58.6675	-29.4198	67.0147	240.19
Si	-28.8373	-35.7948	-46.7255	67.03409	235.05
Si	3.4788	-11.4363	65.7618	67.0502	248.27
Si	31.3231	-58.1675	-6.9223	67.06059	255.45
Si	-16.408	58.1675	-31.1504	67.10288	275.2
Si	28.3373	-16.408	58.8396	67.10556	247.17
Si	60.6534	-20.8798	22.4975	67.13144	247.96
Si	65.6251	-10.9363	15.5752	67.15657	247.55
Si	-30.8231	15.908	-57.109	67.18302	258.79
Si	-18.8939	-45.7383	43.2644	67.21761	234.97
Si	60.6534	13.9222	29.4198	67.23071	249.89
Si	-18.8939	-60.6534	15.5752	67.23364	244.18
Si	-1.4929	-61.1533	24.2281	67.23437	237.9
Si	-53.6957	13.9222	36.3421	67.23853	251
Si	-26.3514	-51.2099	-31.1504	67.255	237.62
Si	25.8515	-60.6534	8.6529	67.30801	253.98
Si	18.8939	-43.7524	46.7255	67.32904	243.32
Si	3.9787	30.8231	60.5701	67.34377	264.46
Si	25.8515	-55.6816	-25.9586	67.35071	242.08
Si	-13.9222	-40.7666	50.1867	67.39575	237.68
Si	43.2524	-41.2665	31.1504	67.39856	242.48
Si	-16.408	-61.1533	-17.3058	67.41274	243.28
Si	33.809	50.7099	32.8809	67.43738	262.43
Si	41.2665	26.3514	48.4561	67.43796	245.65
Si	55.6816	-25.8515	29.4198	67.45115	249.58
Si	58.6675	-28.8373	19.0363	67.4628	250.02
Si	5.9646	-65.6251	-5.1917	67.46681	249.37
Si	-25.8515	-38.7807	46.7255	67.47553	235.08
Si	68.1109	-1.4929	-10.3835	67.48844	251.03
Si	8.9505	-38.7807	53.6478	67.49565	247.18
Si	-33.809	48.724	-32.8809	67.51413	283.41
Si	-46.2382	48.2241	10.3835	67.60088	310.33
Si	38.2807	-21.3797	51.9173	67.61582	241.89
Si	-63.6392	-15.908	-5.1917	67.61606	259.52
Si	58.1675	-26.3514	24.2281	67.63367	247.81
Si	31.3231	-23.3656	-55.3784	67.63544	241.61
Si	15.908	63.6392	22.4975	67.6468	269.76
Si	43.2524	13.4222	-51.9173	67.68726	246.15
Si	38.7807	-53.6957	12.114	67.69722	252.72
Si	-35.7948	-48.724	25.9586	67.71978	238.72
Si	-55.6816	-13.9222	32.8809	67.73262	242.89
Si	-13.4222	66.125	-13.8446	67.76018	313.08
Si	-63.1392	-13.4222	-13.8446	67.76018	255.74
Si	68.1109	13.4222	3.4611	67.76611	263.09
Si	51.2099	-18.3939	41.5338	67.76667	249.33
Si	21.3797	51.2099	41.5338	67.76667	253.49
Si	0.993	53.6957	43.2644	67.80261	249.57
Si	-8.4505	-23.3656	62.3007	67.80998	245.4
Si	-65.6251	5.9646	-8.6529	67.821	257.16
Si	23.3656	-36.2948	-51.9173	67.83602	248.11
Si	-31.3231	-6.4646	58.8396	67.84029	248.4
Si	-48.724	-20.8798	-39.8032	67.87175	238.82
Si	61.1533	26.3514	-20.7669	67.88647	256.41
Si	45.7383	-40.7666	29.4198	67.88988	243.66
Si	13.4222	33.309	-58.8396	67.94605	253.08
Si	-20.8798	5.9646	-64.0313	67.97452	257.57
Si	41.2665	56.1816	-6.9223	67.97582	285.1
Si	30.8231	-20.8798	57.109	67.98701	248.28

Si	43.2524	-51.2099	-10.3835	68.03864	254.77
Si	6.4646	-63.1392	-20.7669	68.06828	248.54
Si	66.125	-3.4788	-20.7669	68.06828	257.43
Si	-33.309	-53.1958	20.7669	68.06828	241.16
Si	-10.9363	-58.6675	-29.4198	68.11224	243.7
Si	13.9222	-58.6675	-29.4198	68.11224	240.91
Si	-58.6675	-10.9363	29.4198	68.11224	243.93
Si	-28.3373	-58.1675	-13.8446	68.12398	239.81
Si	33.309	-11.4363	-58.8396	68.12871	252.35
Si	1.4929	-38.2807	-55.3784	68.18142	245.89
Si	-38.2807	1.4929	-55.3784	68.18142	256.23
Si	13.4222	-61.1533	24.2281	68.21915	244.64
Si	-53.6957	-25.8515	29.4198	68.25704	235.78
Si	58.1675	23.3656	31.1504	68.26983	247.19
Si	23.3656	28.3373	58.8396	68.27247	250.66
Si	51.2099	-43.2524	-13.8446	68.30516	246.64
Si	18.8939	60.6534	-29.4198	68.32478	283.03
Si	58.1675	38.2807	-10.3835	68.36058	257.62
Si	6.4646	-38.2807	-55.3784	68.36245	246.76
Si	60.6534	-20.8798	-25.9586	68.36918	262.48
Si	-5.9646	65.6251	-22.4975	68.37166	283.07
Si	-28.8373	23.8655	57.109	68.42432	259.09
Si	-10.9363	30.8231	60.5701	68.43603	263.35
Si	53.1958	-36.2948	-24.2281	68.46969	243.51
Si	-35.7948	55.6816	19.0363	68.47758	306
Si	33.809	60.6534	12.114	68.49114	279.65
Si	-51.2099	23.3656	-38.0727	68.59684	253
Si	-36.2948	-41.2665	-38.0727	68.59886	233.82
Si	-8.9505	-50.7099	43.2644	68.60034	239.27
Si	53.1958	-1.4929	-44.995	68.60503	233.32
Si	-8.4505	-63.1392	20.7669	68.61081	240.89
Si	8.4505	58.1675	38.0727	68.62904	254.02
Si	48.2241	-31.3231	38.0727	68.63105	247.76
Si	-26.3514	23.3656	-58.8396	68.67178	256.09
Si	-5.9646	-8.9505	67.4924	68.70157	248.44
Si	-58.1675	-18.3939	27.6892	68.71346	244.16
Si	21.3797	61.1533	27.6892	68.71346	265.38
Si	26.3514	16.408	-62.3007	68.71523	247.66
Si	-13.4222	26.3514	62.3007	68.71523	261.67
Si	43.2524	18.3939	-51.9173	68.73791	244.88
Si	63.6392	30.8231	-1.7306	68.74165	250.3
Si	-66.125	8.4505	10.3835	68.7634	272.53
Si	-20.8798	-43.7524	46.7255	68.78185	238.21
Si	33.809	5.9646	60.5701	68.79727	256.27
Si	5.9646	33.809	-60.5701	68.79727	250.96
Si	10.9363	68.6109	-12.114	68.8531	269.02
Si	21.3797	46.2382	-48.4561	68.88846	265.58
Si	-18.3939	46.2382	48.4561	68.88846	254.29
Si	-61.1533	-21.3797	-17.3058	68.89986	242.52
Si	-38.2807	11.4363	-55.3784	68.90267	255.49
Si	30.8231	-60.6534	-5.1917	68.9157	256.61
Si	50.7099	28.8373	-39.8032	68.95163	261.6
Si	-3.9787	-60.6534	29.4198	68.97549	239.31
Si	45.7383	53.6957	8.6529	68.9758	294.02
Si	-63.6392	-10.9363	-19.0363	68.98588	256.81
Si	38.2807	28.3373	51.9173	69.06059	247.09
Si	48.724	5.9646	-50.1867	69.06142	241.56
Si	46.2382	46.2382	27.6892	69.07225	260.52
Si	1.4929	31.3231	-62.3007	69.074	251.35
Si	1.4929	31.3231	62.3007	69.074	264.44
Si	65.6251	13.9222	22.4975	69.09092	243.92
Si	63.6392	-13.9222	25.9586	69.09146	254.7

Si	48.724	-3.9787	-50.1867	69.13337	232.99
Si	-3.4788	61.1533	34.6115	69.15227	242.81
Si	-43.2524	-38.2807	34.6115	69.15227	232.08
Si	68.1109	8.4505	17.3058	69.17988	246.47
Si	-16.408	13.4222	-65.7618	69.19083	260.61
Si	-58.6675	-15.908	29.4198	69.19237	243.67
Si	20.8798	28.8373	-60.5701	69.22647	249.19
Si	-28.3373	6.4646	62.3007	69.2527	244.74
Si	-28.3373	-3.4788	62.3007	69.2527	246.38
Si	58.6675	15.908	-36.3421	69.26379	257.59
Si	-31.3231	-46.2382	-38.0727	69.31576	236.53
Si	15.908	-20.8798	64.0313	69.34216	244.1
Si	3.9787	70.5968	5.1917	69.34318	264.36
Si	-30.8231	-58.6675	12.114	69.35665	243.42
Si	23.3656	-1.4929	-65.7618	69.36823	255.33
Si	40.7666	-55.6816	1.7306	69.38547	254.34
Si	-33.309	-58.1675	6.9223	69.41508	242.39
Si	38.2807	3.4788	-58.8396	69.42175	255.2
Si	43.2524	-51.2099	17.3058	69.43292	251.72
Si	55.6816	-15.908	-39.8032	69.45149	257.45
Si	-28.8373	-35.7948	50.1867	69.49098	232.91
Si	30.8231	43.7524	-46.7255	69.49388	264.28
Si	-13.4222	-63.1392	-20.7669	69.50563	242.96
Si	30.8231	18.8939	-60.5701	69.51113	249.73
Si	-15.908	30.8231	60.5701	69.51113	261.15
Si	-20.8798	-13.9222	-64.0313	69.5569	256.03
Si	48.724	10.9363	-50.1867	69.56049	241.65
Si	-45.7383	10.9363	-50.1867	69.56049	251.36
Si	53.1958	13.4222	44.995	69.57042	250.98
Si	6.4646	6.4646	-69.223	69.57916	250.43
Si	-5.9646	65.6251	25.9586	69.58734	249.09
Si	66.125	26.3514	6.9223	69.5929	250.15
Si	26.3514	-63.1392	-6.9223	69.5929	258.41
Si	28.3373	-36.2948	-51.9173	69.59837	248.53
Si	-16.408	-41.2665	-51.9173	69.60036	234.34
Si	-68.1109	1.4929	0	69.6038	253.65
Si	31.3231	31.3231	55.3784	69.61644	249.54
Si	-28.3373	31.3231	55.3784	69.61644	256.86
Si	25.8515	-10.9363	64.0313	69.62635	247.2
Si	0.993	-25.8515	64.0313	69.62734	243.56
Si	8.4505	-51.2099	-44.995	69.64581	244.16
Si	40.7666	48.724	-32.8809	69.67321	277.86
Si	11.4363	61.1533	-34.6115	69.68637	274.33
Si	-21.3797	-1.4929	-65.7618	69.68997	257.5
Si	-60.6534	-28.8373	-8.6529	69.6918	243.33
Si	25.8515	-35.7948	-53.6478	69.72664	247.87
Si	-28.8373	-55.6816	-25.9586	69.73304	240.11
Si	65.6251	28.8373	1.7306	69.73981	250.06
Si	30.8231	-60.6534	-12.114	69.77944	256.19
Si	28.8373	30.8231	-57.109	69.78117	249.55
Si	31.3231	11.4363	62.3007	69.78603	254.15
Si	-8.4505	31.3231	-62.3007	69.78603	257.9
Si	-25.8515	-33.809	53.6478	69.79988	234.04
Si	18.8939	5.9646	67.4924	69.8428	255.02
Si	68.1109	13.4222	17.3058	69.85524	243.43
Si	-28.3373	61.1533	20.7669	69.86035	308.5
Si	36.2948	51.2099	-34.6115	69.8635	276.86
Si	51.2099	36.2948	-34.6115	69.8635	265.93
Si	51.2099	36.2948	34.6115	69.8635	258.02
Si	3.4788	48.2241	-51.9173	69.87954	275.23
Si	-48.724	-30.8231	36.3421	69.90577	228.19
Si	-48.724	33.809	36.3421	69.90577	252.17

Si	-28.8373	18.8939	-60.5701	69.93891	258.88
Si	60.6534	-35.7948	1.7306	69.95234	242.46
Si	-55.6816	-38.7807	-1.7306	69.95629	239.02
Si	21.3797	-23.3656	-62.3007	69.9629	244.39
Si	8.4505	-21.3797	65.7618	69.97274	243.61
Si	-13.9222	43.7524	-53.6478	70.01124	268.51
Si	53.6957	25.8515	39.8032	70.0198	247.55
Si	-10.9363	-63.6392	-22.4975	70.02004	244.15
Si	-40.7666	-53.6957	-8.6529	70.04656	242.18
Si	-6.4646	-21.3797	65.7618	70.07923	243.92
Si	-23.8655	-35.7948	-53.6478	70.08221	230.06
Si	6.4646	71.0967	6.9223	70.12364	265.56
Si	-3.4788	-68.1109	6.9223	70.12364	248.77
Si	71.0967	-3.4788	6.9223	70.12364	253.66
Si	-38.7807	-55.6816	-5.1917	70.12733	242.54
Si	51.2099	-8.4505	48.4561	70.13305	254.66
Si	-65.6251	-18.8939	-1.7306	70.16718	259.29
Si	70.5968	-0.993	-12.114	70.20166	252.33
Si	68.1109	23.3656	3.4611	70.20223	251.02
Si	-6.4646	-66.125	-17.3058	70.24949	245.93
Si	-53.1958	-13.4222	-41.5338	70.27354	236.5
Si	-33.309	-43.2524	-41.5338	70.27354	235.51
Si	40.7666	-50.7099	-25.9586	70.29514	244.64
Si	-55.6816	10.9363	39.8032	70.30224	249.08
Si	-61.1533	8.4505	31.1504	70.3086	242.94
Si	25.8515	-55.6816	-32.8809	70.30948	242.26
Si	66.125	1.4929	27.6892	70.31358	251.3
Si	61.1533	26.3514	27.6892	70.31358	246.77
Si	-63.1392	1.4929	27.6892	70.31358	242.73
Si	3.9787	-58.6675	-36.3421	70.32918	238.43
Si	-68.6109	-0.993	-5.1917	70.33968	256.21
Si	23.3656	33.309	-58.8396	70.37593	247.8
Si	15.908	-65.6251	15.5752	70.39319	245.02
Si	15.908	68.6109	15.5752	70.3932	270.4
Si	15.908	-45.7383	50.1867	70.40795	242.99
Si	28.3373	-26.3514	-58.8396	70.41321	244.23
Si	30.8231	-60.6534	15.5752	70.4628	251.52
Si	-66.125	18.3939	-10.3835	70.4673	255.55
Si	-43.2524	26.3514	48.4561	70.48461	258.76
Si	-11.4363	23.3656	65.7618	70.49965	261.3
Si	20.8798	53.6957	43.2644	70.51804	255.01
Si	70.5968	8.9505	-12.114	70.55288	255.98
Si	70.5968	-5.9646	-12.114	70.55288	252.49
Si	-58.1675	-13.4222	-34.6115	70.56755	241.86
Si	-13.4222	61.1533	-34.6115	70.56755	276.93
Si	-40.7666	-48.724	25.9586	70.57941	238.66
Si	38.2807	48.2241	38.0727	70.61639	257.07
Si	-63.1392	-23.3656	-13.8446	70.61817	242.65
Si	-55.6816	-23.8655	32.8809	70.66212	236
Si	-35.7948	55.6816	25.9586	70.71525	303.53
Si	-38.2807	-53.1958	-20.7669	70.73936	235.62
Si	41.2665	56.1816	-20.7669	70.73936	271.46
Si	55.6816	28.8373	36.3421	70.74518	247.58
Si	-45.7383	25.8515	46.7255	70.76295	257.54
Si	28.8373	65.6251	12.114	70.76296	275.28
Si	-50.7099	-18.8939	-43.2644	70.79946	239.39
Si	38.7807	-43.7524	39.8032	70.8647	233.32
Si	-65.6251	20.8798	12.114	70.90429	266.98
Si	63.6392	10.9363	32.8809	70.94005	249.88
Si	8.9505	65.6251	-29.4198	70.95119	278.64
Si	71.0967	1.4929	13.8446	70.96733	247.98
Si	38.7807	-58.6675	5.1917	70.96899	253.78

Si	-61.1533	13.4222	-31.1504	70.97323	247.29
Si	16.408	-3.4788	-69.223	70.98593	249.58
Si	-43.2524	56.1816	6.9223	70.99939	301.52
Si	35.7948	63.6392	1.7306	71.00546	281.14
Si	66.125	-8.4505	27.6892	71.01318	252.93
Si	-30.8231	60.6534	-22.4975	71.06632	286.43
Si	18.8939	-63.6392	-22.4975	71.07118	247.55
Si	-15.908	-63.6392	-22.4975	71.07118	241.33
Si	40.7666	58.6675	15.5752	71.09103	273.47
Si	68.1109	-16.408	-17.3058	71.11884	247.65
Si	-0.993	5.9646	-70.9536	71.1378	249.01
Si	6.4646	71.0967	13.8446	71.14127	263.31
Si	-18.8939	-65.6251	-12.114	71.18419	242.89
Si	-18.8939	-35.7948	57.109	71.18589	235.61
Si	13.9222	-33.809	60.5701	71.20005	245.9
Si	53.1958	-36.2948	-31.1504	71.21408	243.6
Si	70.5968	8.9505	15.5752	71.22882	246.05
Si	-28.8373	8.9505	64.0313	71.2428	242.45
Si	-5.9646	-28.8373	-64.0313	71.2428	241.12
Si	13.9222	70.5968	12.114	71.25012	269.75
Si	-28.3373	-53.1958	-34.6115	71.26465	237.74
Si	-10.9363	20.8798	67.4924	71.31313	258.6
Si	23.3656	18.3939	65.7618	71.33498	250.95
Si	58.6675	-13.9222	39.8032	71.35019	253.05
Si	-33.309	1.4929	-62.3007	71.3621	253.25
Si	13.9222	50.7099	-50.1867	71.38281	263.64
Si	-48.724	8.9505	50.1867	71.38669	244.19
Si	18.3939	38.2807	58.8396	71.42184	252.95
Si	38.2807	18.3939	-58.8396	71.42184	248.16
Si	-51.2099	38.2807	-31.1504	71.42319	240.28
Si	38.2807	-51.2099	-31.1504	71.42319	243.78
Si	68.6109	-13.9222	19.0363	71.44807	246.46
Si	-63.6392	-20.8798	-19.0363	71.44999	242.2
Si	-53.6957	-35.7948	-25.9586	71.48436	236.43
Si	-63.1392	31.3231	6.9223	71.5197	260.77
Si	-68.1109	16.408	6.9223	71.5197	263.97
Si	36.2948	-3.4788	-62.3007	71.53508	255.3
Si	36.2948	-3.4788	62.3007	71.53508	251.82
Si	-16.408	23.3656	65.7618	71.57848	256.45
Si	20.8798	48.724	50.1867	71.59143	253.32
Si	-35.7948	30.8231	53.6478	71.61514	246.89
Si	48.724	5.9646	53.6478	71.61611	248.89
Si	65.6251	-10.9363	29.4198	71.64456	252.13
Si	58.6675	-38.7807	-15.5752	71.64827	244.92
Si	-68.1109	11.4363	-13.8446	71.66054	253.85
Si	71.0967	-8.4505	-13.8446	71.66054	252.9
Si	-68.1109	-8.4505	13.8446	71.66054	248.36
Si	11.4363	-68.1109	-13.8446	71.66054	256.37
Si	45.7383	18.8939	-53.6478	71.68356	246.17
Si	-33.309	41.2665	48.4561	71.7015	253.45
Si	41.2665	-58.1675	0	71.70288	251.16
Si	-30.8231	0.993	-64.0313	71.72573	251.63
Si	-1.4929	73.0826	3.4611	71.73548	264.96
Si	-23.8655	-65.6251	1.7306	71.76953	245.85
Si	48.724	50.7099	-22.4975	71.82782	271.64
Si	-55.6816	5.9646	-43.2644	71.83823	237.4
Si	-6.4646	-26.3514	-65.7618	71.85574	242.15
Si	-63.6392	8.9505	29.4198	71.85626	243.97
Si	48.2241	18.3939	51.9173	71.86689	247.52
Si	-18.8939	48.724	50.1867	71.86865	255.83
Si	63.1392	38.2807	-3.4611	71.87203	249.3
Si	-28.3373	36.2948	-55.3784	71.88728	258.01

Si	-50.7099	30.8231	39.8032	71.90061	251.6
Si	68.1109	28.3373	-3.4611	71.9066	250.35
Si	-53.6957	-30.8231	-32.8809	71.91154	234.84
Si	-5.9646	55.6816	46.7255	71.93963	241.8
Si	0.993	68.6109	-25.9586	71.96472	276.48
Si	-58.1675	41.2665	6.9223	72.03625	269.17
Si	41.2665	-58.1675	-6.9223	72.03625	253.83
Si	25.8515	-50.7099	43.2644	72.04361	236.38
Si	-45.7383	55.6816	5.1917	72.07049	298.2
Si	58.1675	33.309	31.1504	72.0737	249.51
Si	33.309	28.3373	-58.8396	72.0762	249.8
Si	-38.7807	38.7807	-46.7255	72.08058	260.41
Si	48.724	10.9363	53.6478	72.0975	249.09
Si	0.993	-70.5968	1.7306	72.11216	248.99
Si	46.2382	-43.2524	34.6115	72.12655	242.55
Si	-0.993	-23.8655	67.4924	72.14192	246.03
Si	5.9646	-10.9363	70.9536	72.17266	249.79
Si	-18.3939	6.4646	-69.223	72.19437	256.91
Si	18.8939	-33.809	60.5701	72.23403	244.59
Si	33.809	60.6534	25.9586	72.23667	259.24
Si	-3.9787	-10.9363	70.9536	72.24151	245.43
Si	48.2241	33.309	44.995	72.25382	247.25
Si	-25.8515	20.8798	-64.0313	72.27425	256.98
Si	28.8373	45.7383	-50.1867	72.2777	263.34
Si	45.7383	28.8373	50.1867	72.2777	247.08
Si	0.993	-70.5968	-5.1917	72.2781	248.96
Si	45.7383	-0.993	57.109	72.28599	251.1
Si	-28.8373	-30.8231	57.109	72.28886	227.86
Si	-63.1392	-23.3656	20.7669	72.29466	240.96
Si	-63.1392	26.3514	20.7669	72.29466	273.44
Si	-28.8373	53.6957	-39.8032	72.31426	267.48
Si	28.3373	-61.1533	-24.2281	72.33372	242.15
Si	-61.1533	33.309	-17.3058	72.36228	248.41
Si	5.9646	-70.5968	-5.1917	72.41457	248.46
Si	0.993	53.6957	50.1867	72.41609	244.21
Si	65.6251	8.9505	-32.8809	72.45483	245.9
Si	53.6957	-48.724	-1.7306	72.45602	245.5
Si	73.5825	-3.9787	5.1917	72.48317	252.67
Si	25.8515	43.7524	-53.6478	72.50716	262.56
Si	-13.4222	-68.1109	-13.8446	72.51774	245.24
Si	66.125	31.3231	13.8446	72.51774	249.72
Si	71.0967	16.408	-13.8446	72.51774	254.97
Si	-63.1392	-28.3373	-13.8446	72.51774	242.17
Si	-63.1392	31.3231	13.8446	72.51774	264.02
Si	41.2665	-23.3656	55.3784	72.5717	244.62
Si	38.2807	-56.1816	-24.2281	72.57196	244.45
Si	-18.8939	-55.6816	-39.8032	72.58681	237.34
Si	-70.5968	0.993	-8.6529	72.60882	257.26
Si	18.8939	-18.8939	67.4924	72.61983	244.98
Si	-43.7524	-30.8231	-46.7255	72.62736	231.31
Si	-43.7524	53.6957	22.4975	72.65264	293.77
Si	-50.7099	-43.7524	-22.4975	72.65264	236.21
Si	48.724	35.7948	-43.2644	72.65818	253.04
Si	-38.7807	-40.7666	43.2644	72.66103	231.07
Si	65.6251	18.8939	29.4198	72.6722	246.42
Si	-18.8939	-65.6251	-19.0363	72.68302	242.79
Si	-68.6109	3.9787	-19.0363	72.68493	255.02
Si	-50.7099	20.8798	46.7255	72.69293	253.57
Si	20.8798	53.6957	-46.7255	72.69293	261.19
Si	61.1533	1.4929	41.5338	72.69402	254.69
Si	-8.4505	-18.3939	-69.223	72.70612	245.12
Si	65.6251	23.8655	-25.9586	72.71395	252.11

Si	38.2807	23.3656	58.8396	72.75885	240.97
Si	50.7099	-50.7099	-12.114	72.76129	244.9
Si	-6.4646	73.0826	10.3835	72.77515	270.18
Si	8.9505	15.908	-70.9536	72.78614	252.02
Si	-41.2665	-26.3514	51.9173	72.79473	227.36
Si	-61.1533	-31.3231	-17.3058	72.80745	240.52
Si	-31.3231	-61.1533	-17.3058	72.80745	239.04
Si	-35.7948	-53.6957	-29.4198	72.81268	237.92
Si	73.0826	-11.4363	3.4611	72.83014	252.25
Si	3.9787	50.7099	53.6478	72.84632	242.93
Si	41.2665	-43.2524	41.5338	72.86383	231.19
Si	-43.2524	-38.2807	41.5338	72.86383	232.33
Si	-10.9363	-68.6109	-15.5752	72.88079	246.43
Si	-43.7524	3.9787	57.109	72.90231	244.81
Si	-13.4222	-33.309	-62.3007	72.90411	236.36
Si	48.724	15.908	53.6478	72.91548	248.8
Si	-43.7524	58.6675	1.7306	72.93186	299.81
Si	28.8373	5.9646	67.4924	72.95846	252.67
Si	48.724	50.7099	25.9586	72.98595	263.93
Si	-5.9646	-13.9222	-70.9536	72.99075	246.28
Si	28.8373	60.6534	32.8809	72.99882	254.01
Si	8.4505	-71.0967	3.4611	73.00437	250.05
Si	-5.9646	-68.6109	19.0363	73.0242	241.12
Si	-3.9787	28.8373	-67.4924	73.02657	252.57
Si	3.4788	8.4505	-72.6842	73.0434	251.28
Si	23.8655	45.7383	53.6478	73.04981	255.59
Si	45.7383	23.8655	-53.6478	73.04981	246.32
Si	56.1816	1.4929	48.4561	73.06742	254.45
Si	-53.1958	-38.2807	27.6892	73.07178	232.8
Si	-1.4929	8.4505	72.6842	73.07742	251.55
Si	33.309	3.4788	-65.7618	73.08098	255.81
Si	-56.1816	-36.2948	-24.2281	73.0839	236.78
Si	25.8515	48.724	50.1867	73.09461	254.98
Si	-45.7383	-13.9222	53.6478	73.11972	234.9
Si	-33.809	3.9787	64.0313	73.16012	245.16
Si	-51.2099	-46.2382	17.3058	73.18013	234.01
Si	56.1816	-3.4788	-48.4561	73.23637	230.94
Si	-16.408	28.3373	-65.7618	73.25084	252.11
Si	65.6251	28.8373	22.4975	73.25833	246.87
Si	-10.9363	45.7383	-57.109	73.30465	268.01
Si	-48.2241	-48.2241	-20.7669	73.31319	233.38
Si	11.4363	-68.1109	20.7669	73.31319	247.49
Si	66.125	1.4929	34.6115	73.31619	249.81
Si	53.1958	-1.4929	-51.9173	73.33148	231.97
Si	3.4788	-61.1533	-38.0727	73.33496	238.23
Si	11.4363	61.1533	41.5338	73.37091	252.86
Si	68.6109	15.908	25.9586	73.39256	244.76
Si	60.6534	-15.908	-39.8032	73.39651	255.77
Si	43.7524	-48.724	32.8809	73.40816	242.76
Si	31.3231	26.3514	-62.3007	73.41092	249.03
Si	31.3231	-23.3656	62.3007	73.41092	245.2
Si	50.7099	-50.7099	15.5752	73.4169	248.79
Si	68.6109	-23.8655	-15.5752	73.41974	243.01
Si	-35.7948	50.7099	39.8032	73.46421	242.15
Si	38.7807	50.7099	39.8032	73.46421	258.09
Si	-53.1958	-33.309	34.6115	73.48457	229.48
Si	-66.125	28.3373	10.3835	73.4889	263.15
Si	-60.6534	35.7948	19.0363	73.4926	266.63
Si	40.7666	-60.6534	1.7306	73.53619	254.36
Si	-33.309	-48.2241	41.5338	73.53917	227.44
Si	21.3797	-13.4222	-69.223	73.55113	239.42
Si	23.8655	-63.6392	25.9586	73.59735	243.75

Si	-68.6109	23.8655	1.7306	73.60752	259.99
Si	53.1958	28.3373	-44.995	73.60949	257.51
Si	-16.408	-26.3514	-65.7618	73.62315	236.66
Si	-20.8798	-43.7524	53.6478	73.65974	236.72
Si	21.3797	-68.1109	13.8446	73.70106	245.5
Si	13.4222	-41.2665	58.8396	73.70731	244.08
Si	10.9363	-70.5968	-12.114	73.70785	254.19
Si	-3.4788	26.3514	69.223	73.71897	256.47
Si	66.125	-33.309	6.9223	73.73194	238.96
Si	-8.4505	56.1816	48.4561	73.74089	243.67
Si	-70.5968	0.993	-15.5752	73.75469	255.91
Si	25.8515	28.8373	64.0313	73.76351	250.32
Si	25.8515	-55.6816	-39.8032	73.80084	241.31
Si	-55.6816	25.8515	39.8032	73.80084	252.14
Si	-8.9505	73.5825	-12.114	73.84261	278.2
Si	-8.9505	-70.5968	-12.114	73.84262	244.35
Si	38.2807	63.1392	17.3058	73.84509	271.39
Si	-41.2665	-56.1816	17.3058	73.85258	239.24
Si	30.8231	53.6957	43.2644	73.87291	248.92
Si	-11.4363	-41.2665	58.8396	73.87573	233.61
Si	-70.5968	5.9646	-15.5752	73.88844	253.86
Si	-61.1533	-36.2948	10.3835	73.89366	236.45
Si	3.9787	55.6816	-50.1867	73.90062	270.2
Si	-70.5968	-13.9222	5.1917	73.90194	248.88
Si	-18.8939	-40.7666	57.109	73.91154	235.57
Si	-38.2807	1.4929	-62.3007	73.91425	251.91
Si	41.2665	1.4929	62.3007	73.91425	251.26
Si	21.3797	46.2382	55.3784	73.92154	255.8
Si	-5.9646	20.8798	-70.9536	73.93156	251.57
Si	-70.5968	-3.9787	-15.5752	73.95569	255.45
Si	-36.2948	38.2807	-51.9173	74.00441	257.52
Si	13.4222	33.309	-65.7618	74.02157	252.95
Si	41.2665	6.4646	-62.3007	74.08127	258.54
Si	36.2948	-18.3939	62.3007	74.08127	246.41
Si	-56.1816	13.4222	44.995	74.11614	250.8
Si	13.4222	-56.1816	-44.995	74.11614	239.89
Si	-48.724	-35.7948	-39.8032	74.13781	229.75
Si	-28.3373	-63.1392	-20.7669	74.15129	239.17
Si	71.0967	16.408	20.7669	74.15129	244.84
Si	16.408	71.0967	20.7669	74.15129	268.99
Si	66.125	31.3231	-20.7669	74.15129	257.46
Si	71.0967	-13.4222	20.7669	74.15129	248.19
Si	8.4505	-11.4363	72.6842	74.15226	249.77
Si	48.2241	58.1675	-10.3835	74.18646	266.33
Si	43.7524	-53.6957	25.9586	74.19904	246.36
Si	-18.8939	-5.9646	70.9536	74.20004	248.78
Si	-35.7948	65.6251	-1.7306	74.20447	271.81
Si	-58.1675	-13.4222	-41.5338	74.20836	237.12
Si	-58.1675	-13.4222	41.5338	74.20836	228.52
Si	26.3514	11.4363	-69.223	74.22021	245.4
Si	-13.9222	-70.5968	8.6529	74.22543	250.65
Si	53.6957	50.7099	19.0363	74.22828	262.16
Si	51.2099	56.1816	-6.9223	74.23309	265.4
Si	30.8231	-35.7948	57.109	74.24335	239.72
Si	-35.7948	-53.6957	32.8809	74.27865	227.73
Si	73.0826	18.3939	-10.3835	74.28691	252.07
Si	3.9787	75.5684	5.1917	74.29886	264.99
Si	48.724	-3.9787	-57.109	74.3112	232.33
Si	33.309	-61.1533	-24.2281	74.32233	243.93
Si	43.7524	30.8231	53.6478	74.32505	248.88
Si	-25.8515	70.5968	-1.7306	74.33742	267.81
Si	-16.408	43.2524	58.8396	74.3397	243.16

Si	55.6816	-45.7383	-19.0363	74.36117	246.68
Si	10.9363	63.6392	-39.8032	74.40182	271.69
Si	38.2807	58.1675	-31.1504	74.40226	261.52
Si	-58.1675	36.2948	-27.6892	74.41255	238.95
Si	-28.3373	-38.2807	-55.3784	74.42142	231.12
Si	28.8373	-13.9222	67.4924	74.43497	245.8
Si	-71.0967	-11.4363	10.3835	74.45959	247.58
Si	-38.7807	33.809	-53.6478	74.46056	256.36
Si	75.5684	-5.9646	1.7306	74.47011	252.76
Si	-26.3514	-56.1816	38.0727	74.50624	226.21
Si	53.6957	-23.8655	46.7255	74.50814	241.51
Si	-16.408	73.0826	10.3835	74.52076	262.1
Si	20.8798	-60.6534	36.3421	74.55705	239.84
Si	-13.4222	-53.1958	-48.4561	74.57418	233.66
Si	36.2948	-43.2524	-48.4561	74.57418	234.69
Si	-33.309	46.2382	-48.4561	74.57418	259.3
Si	48.2241	38.2807	-44.995	74.57676	252.31
Si	66.125	-23.3656	27.6892	74.57845	245.63
Si	5.9646	-0.993	-74.4147	74.5904	247.01
Si	38.7807	60.6534	25.9586	74.59347	258.49
Si	28.3373	-21.3797	-65.7618	74.6217	240.54
Si	68.6109	-28.8373	12.114	74.6424	238.8
Si	-38.2807	-58.1675	-20.7669	74.64963	235.16
Si	3.4788	18.3939	-72.6842	74.64967	253.55
Si	-11.4363	68.1109	-31.1504	74.66905	271.06
Si	-61.1533	38.2807	-17.3058	74.68184	248.85
Si	-65.6251	15.908	-29.4198	74.68694	247.2
Si	23.3656	-26.3514	-65.7618	74.68829	241.88
Si	18.8939	-68.6109	19.0363	74.69747	245.85
Si	0.993	8.9505	-74.4147	74.78915	253.32
Si	-18.8939	68.6109	-25.9586	74.79499	266.19
Si	-43.7524	-45.7383	36.3421	74.8242	231.58
Si	48.2241	28.3373	51.9173	74.832	246.13
Si	-53.1958	-28.3373	41.5338	74.87157	227.45
Si	56.1816	-28.3373	-41.5338	74.87157	242.78
Si	-6.4646	-66.125	-31.1504	74.8722	238.4
Si	-43.7524	-30.8231	50.1867	74.90101	226.5
Si	-15.908	-43.7524	-57.109	74.90901	235.55
Si	-68.1109	1.4929	-27.6892	74.90915	250.24
Si	-16.408	-1.4929	72.6842	74.91557	247.28
Si	5.9646	-5.9646	-74.4147	74.92105	245.99
Si	-31.3231	-31.3231	58.8396	74.93912	227.4
Si	20.8798	53.6957	50.1867	74.96459	254.83
Si	18.3939	33.309	-65.7618	74.98352	253.24
Si	-31.3231	68.1109	10.3835	74.98442	261.24
Si	5.9646	-50.7099	-53.6478	74.98815	241.53
Si	60.6534	33.809	-32.8809	75.00294	262.93
Si	13.9222	-28.8373	67.4924	75.03087	242.34
Si	63.6392	-38.7807	12.114	75.03909	236.33
Si	-38.7807	28.8373	57.109	75.0407	246.4
Si	-73.0826	-3.4788	-6.9223	75.06092	256.45
Si	-3.4788	-68.1109	27.6892	75.07395	242.34
Si	-28.3373	61.1533	-34.6115	75.14759	263.82
Si	-70.5968	15.908	-15.5752	75.14853	252.16
Si	-70.5968	20.8798	-8.6529	75.15079	255.26
Si	-23.8655	68.6109	22.4975	75.19314	262.09
Si	53.1958	18.3939	-51.9173	75.19464	243.58
Si	56.1816	-48.2241	-13.8446	75.19513	245.3
Si	-68.1109	26.3514	-13.8446	75.19513	251.93
Si	-1.4929	48.2241	58.8396	75.19849	242.83
Si	-36.2948	-51.2099	-38.0727	75.19988	233.52
Si	-63.6392	-35.7948	-5.1917	75.22974	242.59

Si	15.908	58.6675	-46.7255	75.23297	262.77
Si	31.3231	-28.3373	-62.3007	75.24001	243.37
Si	-63.6392	-25.8515	-25.9586	75.25787	243.92
Si	-26.3514	-36.2948	58.8396	75.26824	230.87
Si	-8.9505	73.5825	-19.0363	75.28853	276.5
Si	-25.8515	-43.7524	53.6478	75.31889	233.94
Si	10.9363	8.9505	-74.4147	75.38134	251.26
Si	-65.6251	35.7948	-1.7306	75.39521	253.22
Si	-13.4222	41.2665	62.3007	75.40409	243.02
Si	26.3514	-43.2524	-55.3784	75.41123	243.08
Si	53.1958	-16.408	51.9173	75.42568	246.32
Si	60.6534	-0.993	-46.7255	75.42819	232.81
Si	53.6957	10.9363	53.6478	75.44803	247.37
Si	8.4505	48.2241	58.8396	75.46063	241.51
Si	70.5968	-5.9646	29.4198	75.47504	250.35
Si	43.7524	-53.6957	-29.4198	75.47961	244.79
Si	40.7666	8.9505	64.0313	75.48535	251.77
Si	38.7807	-23.8655	60.5701	75.5127	245.71
Si	18.8939	-48.724	53.6478	75.51572	244.83
Si	-70.5968	0.993	-22.4975	75.52023	252.13
Si	-43.7524	43.7524	43.2644	75.53012	242.1
Si	31.3231	-3.4788	69.223	75.5406	247.22
Si	11.4363	76.0684	-6.9223	75.55327	254.12
Si	31.3231	51.2099	-48.4561	75.56199	262.61
Si	-28.3373	-48.2241	-48.4561	75.56199	229.87
Si	-48.2241	31.3231	-48.4561	75.56199	236.82
Si	51.2099	-28.3373	48.4561	75.56199	242.47
Si	-11.4363	-66.125	-31.1504	75.56248	238.38
Si	-48.2241	51.2099	-27.6892	75.56621	243.23
Si	-8.9505	-50.7099	-53.6478	75.57969	235.62
Si	30.8231	58.6675	-39.8032	75.58763	255.5
Si	23.3656	58.1675	-44.995	75.59743	261.02
Si	13.9222	-53.6957	-50.1867	75.62391	242.37
Si	-16.408	-31.3231	-65.7618	75.64359	235.64
Si	65.6251	28.8373	29.4198	75.67146	245.85
Si	-13.9222	-35.7948	64.0313	75.68358	231.08
Si	-35.7948	-13.9222	-64.0313	75.68358	232.44
Si	-0.993	-38.7807	-64.0313	75.68449	239.92
Si	-43.2524	-43.2524	-41.5338	75.69241	231.1
Si	0.993	63.6392	43.2644	75.72458	238.68
Si	18.3939	-11.4363	72.6842	75.73502	241.15
Si	53.6957	55.6816	-8.6529	75.73923	266.65
Si	-68.6109	-25.8515	8.6529	75.7438	239.67
Si	8.9505	50.7099	-57.109	75.75861	263.54
Si	63.1392	38.2807	24.2281	75.76679	248.46
Si	15.908	23.8655	70.9536	75.78089	245.16
Si	65.6251	38.7807	15.5752	75.80168	248.4
Si	38.7807	65.6251	-15.5752	75.80168	264.36
Si	33.309	68.1109	17.3058	75.82685	268.71
Si	-23.8655	48.724	-53.6478	75.84142	253.53
Si	1.4929	-73.0826	-13.8446	75.84971	249.93
Si	76.0684	1.4929	-13.8446	75.84972	254.36
Si	38.7807	-53.6957	-36.3421	75.87431	242.11
Si	48.724	60.6534	5.1917	75.87947	273.69
Si	66.125	41.2665	0	75.88971	249.13
Si	-71.0967	23.3656	-3.4611	75.89232	257.88
Si	-53.1958	46.2382	27.6892	75.89261	231.59
Si	-43.2524	56.1816	-27.6892	75.89261	245.65
Si	-53.1958	-43.2524	-27.6892	75.89261	236.13
Si	56.1816	-43.2524	-27.6892	75.89261	242.5
Si	70.5968	-25.8515	15.5752	75.93183	241.77
Si	28.3373	28.3373	-65.7618	75.93329	247.19

Si	-5.9646	-73.5825	-8.6529	75.93952	244.55
Si	40.7666	63.6392	-19.0363	75.94049	262.21
Si	-41.2665	23.3656	-58.8396	75.9531	246.25
Si	-13.9222	-20.8798	70.9536	75.97743	246.91
Si	53.6957	-53.6957	-1.7306	75.98631	245.82
Si	-6.4646	73.0826	-24.2281	75.99609	275.47
Si	73.0826	-6.4646	24.2281	75.99609	251.2
Si	35.7948	23.8655	64.0313	76.00765	243.51
Si	6.4646	-73.0826	13.8446	76.01247	254.44
Si	6.4646	76.0684	13.8446	76.01248	261.58
Si	-33.809	68.6109	-5.1917	76.01313	268.86
Si	-48.2241	-38.2807	41.5338	76.01826	230.63
Si	-63.6392	38.7807	-12.114	76.02177	249.99
Si	11.4363	-28.3373	69.223	76.02984	241.22
Si	-28.3373	11.4363	69.223	76.02984	245.26
Si	-8.4505	-28.3373	-69.223	76.02984	239.05
Si	-48.724	38.7807	43.2644	76.05211	245.32
Si	-48.724	-25.8515	50.1867	76.07994	229.21
Si	3.9787	-73.5825	12.114	76.08714	252.17
Si	60.6534	-40.7666	22.4975	76.1049	237.68
Si	60.6534	43.7524	22.4975	76.1049	248.56
Si	10.9363	73.5825	22.4975	76.10672	266.47
Si	-70.5968	10.9363	-22.4975	76.10673	250.64
Si	70.5968	-10.9363	29.4198	76.12722	249.1
Si	-8.9505	13.9222	-74.4147	76.16497	252.4
Si	-18.3939	26.3514	-69.223	76.19222	251.83
Si	-23.3656	21.3797	69.223	76.19222	251.58
Si	-18.3939	26.3514	69.223	76.19222	253.94
Si	-33.809	-0.993	-67.4924	76.20779	250.71
Si	53.6957	55.6816	12.114	76.21226	259.61
Si	3.9787	-58.6675	46.7255	76.21497	231.59
Si	-43.7524	23.8655	57.109	76.21747	244.37
Si	25.8515	73.5825	-5.1917	76.27064	267.85
Si	28.3373	-26.3514	65.7618	76.29252	240.8
Si	-26.3514	28.3373	-65.7618	76.29252	254.62
Si	10.9363	-60.6534	43.2644	76.30951	231.51
Si	0.993	68.6109	36.3421	76.32704	238.72
Si	-55.6816	20.8798	46.7255	76.34169	253.19
Si	-73.0826	16.408	6.9223	76.36677	263.54
Si	-23.8655	13.9222	70.9536	76.36719	247.19
Si	-28.3373	66.125	-27.6892	76.37959	270.66
Si	-50.7099	25.8515	-50.1867	76.40143	236.2
Si	60.6534	13.9222	-46.7255	76.40497	238.58
Si	18.8939	0.993	74.4147	76.42379	244.82
Si	21.3797	-38.2807	62.3007	76.54281	246.84
Si	-18.3939	41.2665	-62.3007	76.54281	254.7
Si	-33.309	41.2665	-55.3784	76.54984	257.87
Si	3.4788	-71.0967	-24.2281	76.55189	246.73
Si	70.5968	-0.993	-32.8809	76.56813	243.91
Si	-30.8231	60.6534	-36.3421	76.5835	265.44
Si	38.7807	20.8798	-64.0313	76.59132	249.27
Si	53.1958	43.2524	-38.0727	76.59355	253.38
Si	-23.8655	-70.5968	-5.1917	76.59585	244.96
Si	43.2524	-36.2948	51.9173	76.59743	238.54
Si	13.9222	-43.7524	60.5701	76.61827	241.73
Si	-56.1816	-21.3797	44.995	76.64235	228.36
Si	3.4788	78.0543	-3.4611	76.66533	251.36
Si	68.1109	-36.2948	-3.4611	76.66712	236.01
Si	23.3656	-31.3231	-65.7618	76.68067	243.96
Si	13.4222	-46.2382	58.8396	76.69849	243.04
Si	46.2382	1.4929	62.3007	76.7041	248.78
Si	-10.9363	35.7948	67.4924	76.72247	250.67

Si	-71.0967	-16.408	17.3058	76.741	251.06
Si	-53.1958	-48.2241	20.7669	76.77173	235.89
Si	70.5968	33.809	8.6529	76.77593	248.14
Si	-60.6534	45.7383	-8.6529	76.77682	253.08
Si	-36.2948	13.4222	65.7618	76.77786	241.97
Si	1.4929	11.4363	-76.1453	76.79178	253.48
Si	0.993	48.724	-60.5701	76.80997	264.32
Si	1.4929	66.125	41.5338	76.82685	238.85
Si	-23.3656	61.1533	-41.5338	76.82685	263.55
Si	13.4222	23.3656	-72.6842	76.8356	249.89
Si	-28.3373	16.408	-69.223	76.8383	254.36
Si	16.408	31.3231	-69.223	76.8383	251.62
Si	63.6392	35.7948	-29.4198	76.83947	260.3
Si	-35.7948	-18.8939	-64.0313	76.8505	232.79
Si	30.8231	-40.7666	57.109	76.86065	240.76
Si	6.4646	-43.2524	62.3007	76.86506	239.37
Si	-40.7666	-58.6675	-22.4975	76.88475	236.27
Si	30.8231	23.8655	-67.4924	76.91571	248.1
Si	-0.993	20.8798	74.4147	76.93882	253.58
Si	-68.6109	23.8655	22.4975	76.94939	269.89
Si	-8.4505	-3.4788	76.1453	76.95256	246.25
Si	53.1958	-46.2382	31.1504	76.95318	238.31
Si	48.724	35.7948	-50.1867	76.98121	254.02
Si	-68.1109	-28.3373	13.8446	76.98183	238.86
Si	-68.1109	31.3231	13.8446	76.98183	262.56
Si	-28.3373	-68.1109	-13.8446	76.98183	241.93
Si	-3.4788	66.125	41.5338	76.98755	239.23
Si	-53.1958	36.2948	-41.5338	76.98755	236.39
Si	-11.4363	23.3656	-72.6842	76.99717	252.03
Si	45.7383	18.8939	-60.5701	77.0012	246.4
Si	-15.908	25.8515	-70.9536	77.01002	251.92
Si	46.2382	-38.2807	-48.4561	77.01996	227.01
Si	51.2099	21.3797	-55.3784	77.03267	244.77
Si	-48.2241	-18.3939	55.3784	77.03267	235.03
Si	21.3797	-48.2241	55.3784	77.03267	243.52
Si	21.3797	51.2099	-55.3784	77.03267	256.45
Si	-20.8798	65.6251	-36.3421	77.03386	264.19
Si	-26.3514	-66.125	-24.2281	77.0356	239.6
Si	20.8798	73.5825	-19.0363	77.03992	257.71
Si	0.993	-75.5684	1.7306	77.0824	249.84
Si	28.8373	65.6251	32.8809	77.08308	255.47
Si	-23.8655	28.8373	-67.4924	77.11025	254.44
Si	-66.125	-31.3231	-17.3058	77.1269	240.89
Si	-18.8939	23.8655	70.9536	77.13991	252.53
Si	23.3656	-51.2099	-51.9173	77.14532	236.05
Si	58.1675	28.3373	-44.995	77.18276	256.92
Si	43.7524	60.6534	25.9586	77.1989	257.01
Si	-28.8373	3.9787	70.9536	77.20433	245.05
Si	-68.6109	33.809	1.7306	77.21308	253.08
Si	-10.9363	55.6816	53.6478	77.25927	239.62
Si	13.9222	55.6816	53.6478	77.25927	244.56
Si	48.724	30.8231	53.6478	77.26017	246.18
Si	33.809	-43.7524	53.6478	77.26285	240.31
Si	28.3373	63.1392	-38.0727	77.26846	255.19
Si	-11.4363	-21.3797	72.6842	77.28716	246
Si	-21.3797	-11.4363	72.6842	77.28716	246.84
Si	48.724	50.7099	-36.3421	77.29066	255.12
Si	-3.9787	-35.7948	-67.4924	77.30163	238.45
Si	-73.0826	-13.4222	13.8446	77.30225	247.82
Si	76.0684	-13.4222	13.8446	77.30226	249.26
Si	-26.3514	43.2524	-58.8396	77.33856	258.6
Si	43.2524	-26.3514	58.8396	77.33856	245.81

Si	48.2241	58.1675	-24.2281	77.34865	264.96
Si	-11.4363	63.1392	44.995	77.40786	240.88
Si	46.2382	61.1533	-20.7669	77.41298	265.93
Si	76.0684	1.4929	-20.7669	77.41299	252.54
Si	-63.1392	26.3514	-34.6115	77.41582	237.12
Si	-35.7948	-63.6392	19.0363	77.42701	238.89
Si	63.1392	48.2241	3.4611	77.43417	250.57
Si	75.5684	3.9787	22.4975	77.45646	247.14
Si	-8.4505	-63.1392	-41.5338	77.46765	237.93
Si	-63.1392	11.4363	41.5338	77.46765	247.5
Si	-65.6251	-18.8939	32.8809	77.46995	239.53
Si	-18.3939	-73.0826	6.9223	77.49134	251.43
Si	-73.0826	21.3797	6.9223	77.49134	261.31
Si	-73.0826	-18.3939	-6.9223	77.49134	250.7
Si	-58.1675	11.4363	-48.4561	77.49986	238.08
Si	53.6957	5.9646	-57.109	77.50206	235.74
Si	-18.3939	71.0967	-27.6892	77.50397	265.67
Si	71.0967	-18.3939	27.6892	77.50397	246.88
Si	71.0967	21.3797	-27.6892	77.50397	250.5
Si	73.0826	-26.3514	-10.3835	77.51262	239.97
Si	-5.9646	-18.8939	74.4147	77.51636	246.47
Si	-28.8373	8.9505	70.9536	77.52383	246.45
Si	-41.2665	58.1675	-31.1504	77.52884	244.33
Si	70.5968	13.9222	-32.8809	77.53054	245.15
Si	-26.3514	58.1675	-44.995	77.53619	263.93
Si	-75.5684	0.993	-8.6529	77.54724	257.5
Si	53.6957	-3.9787	-57.109	77.56617	232.56
Si	-13.9222	28.8373	70.9536	77.58703	255.65
Si	1.4929	16.408	-76.1453	77.59231	252.11
Si	23.3656	-66.125	31.1504	77.59471	243.77
Si	18.3939	-46.2382	58.8396	77.62728	241.98
Si	-46.2382	-51.2099	31.1504	77.62852	232.73
Si	6.4646	36.2948	-69.223	77.63835	246.03
Si	51.2099	-58.1675	0	77.66044	245.12
Si	25.8515	73.5825	15.5752	77.67138	268.79
Si	5.9646	78.5542	8.6529	77.67445	264.33
Si	15.908	68.6109	36.3421	77.67473	254.49
Si	-76.0684	-1.4929	3.4611	77.69589	257.43
Si	-68.1109	1.4929	34.6115	77.73445	240.57
Si	-68.1109	1.4929	-34.6115	77.73445	247.58
Si	55.6816	43.7524	36.3421	77.73692	239.92
Si	-3.4788	-13.4222	76.1453	77.75143	247.48
Si	16.408	-3.4788	76.1453	77.75143	243.13
Si	-46.2382	43.2524	-44.995	77.76027	237.55
Si	40.7666	68.6109	1.7306	77.78326	265.94
Si	-31.3231	-46.2382	-51.9173	77.78527	230.4
Si	-8.9505	-35.7948	-67.4924	77.81174	238.66
Si	-68.1109	36.2948	0	77.81941	253.76
Si	58.6675	-28.8373	-43.2644	77.8502	241.98
Si	33.809	-28.8373	-64.0313	77.87329	243.22
Si	5.9646	-60.6534	-46.7255	77.88085	240.35
Si	-3.4788	71.0967	34.6115	77.89328	239.05
Si	71.0967	6.4646	34.6115	77.89328	249.06
Si	40.7666	68.6109	-5.1917	77.93712	266.54
Si	8.4505	-76.0684	-3.4611	77.94963	251.02
Si	31.3231	21.3797	-69.223	77.95607	248.91
Si	31.3231	-18.3939	-69.223	77.95607	238.13
Si	-53.6957	-10.9363	-53.6478	77.96385	229.39
Si	-58.1675	51.2099	-6.9223	77.96834	251.64
Si	41.2665	-23.3656	62.3007	77.98244	246.17
Si	-23.3656	41.2665	-62.3007	77.98244	256.72
Si	-23.3656	41.2665	62.3007	77.98244	236.15

Si	-38.2807	26.3514	62.3007	77.98244	242.77
Si	56.1816	6.4646	-55.3784	77.98935	235.97
Si	-53.1958	-3.4788	-55.3784	77.98935	231.23
Si	25.8515	-35.7948	64.0313	77.9982	241.55
Si	-66.125	-6.4646	38.0727	78.0066	235.74
Si	0.993	-75.5684	-12.114	78.0093	251.28
Si	-68.6109	-20.8798	-25.9586	78.03155	243.52
Si	0.993	-65.6251	-39.8032	78.03439	239.06
Si	68.1109	38.2807	-17.3058	78.04351	250.1
Si	-40.7666	15.908	-64.0313	78.06191	249.41
Si	-33.809	-25.8515	64.0313	78.06368	227.34
Si	-0.993	50.7099	60.5701	78.08481	243.55
Si	-71.0967	28.3373	10.3835	78.08769	261.79
Si	71.0967	36.2948	-6.9223	78.12669	249.1
Si	-43.2524	-13.4222	-62.3007	78.14077	233.53
Si	-26.3514	8.4505	-72.6842	78.14537	249.05
Si	-45.7383	15.908	60.5701	78.14934	232.63
Si	-3.9787	78.5542	-12.114	78.19936	272.18
Si	60.6534	28.8373	43.2644	78.22709	242.54
Si	-28.8373	73.5825	1.7306	78.22935	266.55
Si	38.2807	63.1392	-31.1504	78.25569	260.94
Si	45.7383	23.8655	-60.5701	78.27469	248.46
Si	10.9363	23.8655	-74.4147	78.27686	250.29
Si	61.1533	-13.4222	48.4561	78.29315	246.16
Si	-23.8655	38.7807	64.0313	78.31622	238.05
Si	10.9363	-60.6534	-46.7255	78.32375	240.44
Si	-45.7383	-13.9222	60.5701	78.33994	235.91
Si	-73.5825	-20.8798	1.7306	78.35722	247.61
Si	51.2099	-48.2241	34.6115	78.36783	240.01
Si	71.0967	11.4363	34.6115	78.36783	247.98
Si	53.1958	-1.4929	-58.8396	78.38493	233.48
Si	8.9505	50.7099	60.5701	78.40073	242.51
Si	23.8655	-8.9505	74.4147	78.40377	241.35
Si	8.9505	40.7666	67.4924	78.44273	244.37
Si	-43.7524	-0.993	64.0313	78.44307	239.4
Si	-33.809	53.6957	-46.7255	78.45147	263.75
Si	-63.1392	36.2948	-27.6892	78.45491	239.38
Si	66.125	36.2948	-27.6892	78.45491	260.28
Si	-23.3656	51.2099	-55.3784	78.46332	254.54
Si	-23.3656	-48.2241	-55.3784	78.46332	232.9
Si	-41.2665	-1.4929	65.7618	78.49779	239.33
Si	10.9363	33.809	70.9536	78.53608	243.72
Si	-25.8515	-68.6109	-22.4975	78.53908	238.53
Si	-66.125	33.309	-24.2281	78.55853	240.2
Si	-3.9787	-55.6816	-53.6478	78.59362	236.8
Si	-23.8655	-20.8798	70.9536	78.60024	239.11
Si	8.9505	25.8515	74.4147	78.65435	247.02
Si	-63.1392	41.2665	-20.7669	78.67981	248.9
Si	25.8515	33.809	-67.4924	78.69494	247.02
Si	33.809	25.8515	67.4924	78.69494	241.92
Si	40.7666	-35.7948	57.109	78.70343	240.5
Si	46.2382	51.2099	41.5338	78.73359	246.98
Si	5.9646	-75.5684	15.5752	78.74665	255.06
Si	5.9646	78.5542	15.5752	78.74665	262.18
Si	-36.2948	-56.1816	-38.0727	78.76411	231.68
Si	-36.2948	-56.1816	38.0727	78.76411	227.5
Si	78.5542	-3.9787	-15.5752	78.80975	252.31
Si	-61.1533	48.2241	10.3835	78.84268	251.49
Si	-0.993	35.7948	-70.9536	78.84931	245.04
Si	-18.3939	-3.4788	76.1453	78.85626	248.09
Si	-13.9222	53.6957	57.109	78.89357	241.51
Si	-26.3514	-11.4363	-72.6842	78.90155	246.76

Si	-13.4222	-33.309	-69.223	78.90156	236.22
Si	36.2948	-13.4222	69.223	78.90156	245.68
Si	66.125	46.2382	-6.9223	78.91368	250.06
Si	-63.1392	-43.2524	6.9223	78.91368	238.46
Si	-23.3656	76.0684	6.9223	78.91369	263
Si	8.9505	-8.9505	-77.8759	78.9261	245.83
Si	18.3939	-61.1533	44.995	78.96034	232.87
Si	-35.7948	35.7948	60.5701	78.96671	243.11
Si	3.4788	-71.0967	31.1504	79.01606	238.68
Si	-20.8798	15.908	74.4147	79.03091	246.81
Si	36.2948	71.0967	-13.8446	79.04135	265.09
Si	-30.8231	-58.6675	39.8032	79.0436	227.02
Si	33.309	58.1675	44.995	79.04948	248.39
Si	13.9222	-3.9787	-77.8759	79.0511	244.87
Si	68.6109	-33.809	-22.4975	79.10232	233.49
Si	63.1392	33.309	38.0727	79.13316	243.86
Si	-30.8231	45.7383	-57.109	79.14172	259.74
Si	73.5825	-28.8373	12.114	79.14282	239.47
Si	-13.4222	-68.1109	-34.6115	79.15242	238.23
Si	-13.4222	71.0967	34.6115	79.15242	241.31
Si	-5.9646	35.7948	-70.9536	79.16217	247.61
Si	-61.1533	-16.408	44.995	79.18039	227.11
Si	33.809	-53.6957	46.7255	79.20473	232.23
Si	-38.7807	-35.7948	57.109	79.20713	225.65
Si	20.8798	48.724	-60.5701	79.21725	254.17
Si	-36.2948	-21.3797	65.7618	79.21923	227.31
Si	-13.9222	23.8655	-74.4147	79.21939	251.56
Si	-43.2524	21.3797	-62.3007	79.24017	248.82
Si	-68.6109	-20.8798	29.4198	79.25021	238.24
Si	63.1392	48.2241	17.3058	79.26891	249.38
Si	-21.3797	23.3656	-72.6842	79.2752	254.39
Si	43.7524	-38.7807	53.6478	79.28372	238.2
Si	-40.7666	-38.7807	53.6478	79.28372	227.7
Si	18.8939	65.6251	-43.2644	79.29396	258.25
Si	-5.9646	-68.6109	-36.3421	79.31519	236.33
Si	11.4363	-18.3939	-76.1453	79.32505	241.17
Si	-40.7666	-33.809	-57.109	79.33169	229.54
Si	-63.1392	-18.3939	41.5338	79.35899	229.54
Si	5.9646	73.5825	-32.8809	79.36038	250.82
Si	-66.125	-36.2948	-17.3058	79.36989	240.4
Si	-23.3656	-28.3373	69.223	79.37008	232.52
Si	-70.5968	30.8231	-15.5752	79.37108	251.09
Si	60.6534	-50.7099	8.6529	79.37234	239.26
Si	18.8939	-73.5825	19.0363	79.38198	247.24
Si	-20.8798	-33.809	67.4924	79.38503	232.92
Si	-58.1675	-18.3939	-48.4561	79.39044	232.08
Si	63.1392	23.3656	44.995	79.39286	239.31
Si	-33.809	-35.7948	-60.5701	79.40616	231.64
Si	53.1958	48.2241	38.0727	79.41361	239.88
Si	80.5401	-5.9646	1.7306	79.41711	253.54
Si	48.2241	-36.2948	-51.9173	79.41735	226.38
Si	-55.6816	45.7383	32.8809	79.42125	230.62
Si	28.8373	75.5684	-8.6529	79.43408	267.42
Si	-63.6392	-25.8515	36.3421	79.43956	234.81
Si	-53.6957	-25.8515	50.1867	79.44937	229.23
Si	-31.3231	58.1675	-44.995	79.45719	262.18
Si	30.8231	43.7524	-60.5701	79.46613	255.09
Si	35.7948	-55.6816	43.2644	79.48181	233.62
Si	-36.2948	-36.2948	-58.8396	79.4853	231.1
Si	-16.408	28.3373	72.6842	79.52389	255.59
Si	-43.2524	-58.1675	-27.6892	79.54997	235.76
Si	-58.1675	46.2382	27.6892	79.54997	230.4

Si	-38.7807	13.9222	-67.4924	79.5718	250.24
Si	13.9222	-38.7807	67.4924	79.5718	240.01
Si	-71.0967	23.3656	-24.2281	79.5906	242.28
Si	41.2665	61.1533	-34.6115	79.61946	262.35
Si	-58.1675	41.2665	-34.6115	79.61946	233.36
Si	58.6675	-53.6957	5.1917	79.6346	239.83
Si	-26.3514	-71.0967	17.3058	79.64951	245.13
Si	-71.0967	-26.3514	-17.3058	79.64951	241.86
Si	-43.7524	-40.7666	50.1867	79.69753	227.7
Si	58.6675	55.6816	12.114	79.70006	260.97
Si	46.2382	-43.2524	48.4561	79.70118	235.61
Si	55.6816	13.9222	57.109	79.70158	246.54
Si	-38.2807	31.3231	62.3007	79.7067	242.27
Si	41.2665	-28.3373	62.3007	79.7067	244.2
Si	-18.8939	-75.5684	1.7306	79.73121	252.76
Si	-28.8373	73.5825	15.5752	79.74598	255.32
Si	-60.6534	35.7948	-36.3421	79.74664	236.54
Si	18.8939	45.7383	-64.0313	79.75241	251.31
Si	-55.6816	50.7099	25.9586	79.78156	230.33
Si	-73.5825	-5.9646	-25.9586	79.78589	243.85
Si	18.8939	0.993	-77.8759	79.79783	244.53
Si	-40.7666	-3.9787	67.4924	79.81871	239.91
Si	-58.6675	-50.7099	-5.1917	79.82079	232.93
Si	25.8515	-25.8515	70.9536	79.8465	238.65
Si	81.0401	1.4929	-6.9223	79.84783	253.56
Si	0.993	-65.6251	43.2644	79.85534	231.57
Si	68.6109	0.993	-43.2644	79.85535	237.98
Si	-48.2241	6.4646	-62.3007	79.8616	241.66
Si	78.5542	-18.8939	5.1917	79.88132	248.52
Si	-71.0967	13.4222	31.1504	79.88681	243.85
Si	-51.2099	13.4222	58.8396	79.88733	232.17
Si	3.9787	60.6534	53.6478	79.90136	238.9
Si	-60.6534	-48.724	-1.7306	79.91804	233.33
Si	-33.809	-30.8231	64.0313	79.94092	227.94
Si	50.7099	43.7524	-46.7255	79.94657	247.53
Si	68.6109	5.9646	-43.2644	79.97889	237.89
Si	-21.3797	78.0543	3.4611	79.9799	260.94
Si	-3.9787	-15.908	77.8759	79.98364	247.73
Si	6.4646	41.2665	69.223	79.9905	242.65
Si	-3.4788	-38.2807	69.223	79.9905	226.54
Si	36.2948	-18.3939	-69.223	79.9905	238.48
Si	-78.0543	-3.4788	6.9223	80.00247	257.32
Si	6.4646	-78.0543	-6.9223	80.00247	252.9
Si	-60.6534	5.9646	-50.1867	80.00534	235.87
Si	-38.2807	51.2099	-48.4561	80.01071	259.19
Si	65.6251	-40.7666	22.4975	80.03081	235.28
Si	-65.6251	-3.9787	-43.2644	80.04101	236.12
Si	38.7807	70.5968	-15.5752	80.05189	265.97
Si	-1.4929	-6.4646	79.6064	80.05888	245.39
Si	-28.8373	-35.7948	64.0313	80.06434	227.5
Si	-48.724	-60.6534	-5.1917	80.0678	233.7
Si	33.809	60.6534	-43.2644	80.10051	254.22
Si	-58.6675	53.6957	8.6529	80.12039	249.23
Si	-53.6957	-20.8798	-53.6478	80.15242	231.93
Si	-38.2807	-68.1109	0	80.16625	237.38
Si	25.8515	-15.908	-74.4147	80.21025	239.42
Si	48.724	-8.9505	-64.0313	80.24867	235.1
Si	-15.908	-58.6675	-50.1867	80.25436	231.81
Si	-3.4788	26.3514	76.1453	80.25441	253.84
Si	-76.0684	-16.408	10.3835	80.27462	247.04
Si	68.6109	30.8231	32.8809	80.28847	245.33
Si	40.7666	-50.7099	-46.7255	80.31707	233.93

Si	11.4363	51.2099	-62.3007	80.32452	259.71
Si	-26.3514	38.2807	-65.7618	80.33224	254.63
Si	13.4222	-76.0684	17.3058	80.35891	250.32
Si	-46.2382	58.1675	31.1504	80.37794	243.02
Si	25.8515	-70.5968	-25.9586	80.39968	241.44
Si	3.4788	68.1109	44.995	80.41422	241.83
Si	53.6957	60.6534	-15.5752	80.4219	262.37
Si	-33.809	73.5825	-5.1917	80.43688	268.77
Si	-33.809	-70.5968	-5.1917	80.43689	236.67
Si	-70.5968	-33.809	5.1917	80.43689	238.88
Si	-38.2807	11.4363	69.223	80.45268	243.76
Si	11.4363	41.2665	69.223	80.45268	240.9
Si	41.2665	71.0967	6.9223	80.46457	266.18
Si	-38.2807	71.0967	6.9223	80.46457	258.17
Si	11.4363	-78.0543	-6.9223	80.46458	251.38
Si	-15.908	-8.9505	-77.8759	80.47675	247.98
Si	65.6251	33.809	36.3421	80.48606	243.7
Si	35.7948	28.8373	-67.4924	80.49574	248.62
Si	43.2524	68.1109	-17.3058	80.50654	262.64
Si	53.1958	63.1392	-3.4611	80.5322	260.4
Si	-70.5968	15.908	32.8809	80.5349	242.33
Si	-58.6675	43.7524	-32.8809	80.53747	231.51
Si	-18.8939	-0.993	77.8759	80.5385	248.55
Si	-46.2382	48.2241	44.995	80.53948	242.87
Si	73.0826	-26.3514	-24.2281	80.54433	235.42
Si	68.6109	-38.7807	19.0363	80.55533	235
Si	-5.9646	-78.5542	5.1917	80.56125	249.8
Si	-40.7666	-48.724	46.7255	80.56598	227.54
Si	-58.1675	36.2948	-41.5338	80.59524	235.38
Si	36.2948	-58.1675	41.5338	80.59524	231.64
Si	78.0543	8.4505	-24.2281	80.60432	248.44
Si	-73.0826	-28.3373	6.9223	80.61802	239.55
Si	76.0684	-28.3373	-6.9223	80.61802	237.39
Si	55.6816	18.8939	57.109	80.6266	245.22
Si	73.0826	-31.3231	17.3058	80.63166	239.74
Si	46.2382	-23.3656	62.3007	80.63166	245.02
Si	-51.2099	-46.2382	38.0727	80.65587	231.3
Si	3.4788	-11.4363	79.6064	80.674	247.02
Si	-66.125	-41.2665	10.3835	80.67442	239.02
Si	78.5542	15.908	19.0363	80.67608	247.21
Si	38.2807	-66.125	24.2281	80.70019	243.18
Si	26.3514	11.4363	76.1453	80.71507	243.88
Si	26.3514	11.4363	-76.1453	80.71507	244.19
Si	-56.1816	43.2524	-38.0727	80.74485	232
Si	-63.1392	-23.3656	-41.5338	80.74844	226.19
Si	66.125	-23.3656	-41.5338	80.74844	237.44
Si	1.4929	-63.1392	48.4561	80.77934	231.42
Si	1.4929	66.125	48.4561	80.77934	240.03
Si	41.2665	66.125	27.6892	80.78329	258.89
Si	-41.2665	53.1958	44.995	80.78429	241.46
Si	38.7807	70.5968	19.0363	80.79667	265.78
Si	43.7524	-23.8655	-64.0313	80.80171	235.02
Si	63.1392	8.4505	-51.9173	80.89546	235.96
Si	-45.7383	-63.6392	-8.6529	80.91871	234.49
Si	-33.809	28.8373	-67.4924	80.92689	253.59
Si	13.9222	80.5401	12.114	80.93024	257.99
Si	-3.4788	-63.1392	-48.4561	80.93219	237.66
Si	36.2948	-53.1958	-48.4561	80.93219	231.59
Si	5.9646	-55.6816	57.109	80.9343	230.1
Si	16.408	76.0684	-27.6892	80.93614	251.88
Si	76.0684	16.408	-27.6892	80.93614	248.34
Si	-75.5684	-8.9505	-22.4975	80.95463	245.56

Si	-8.9505	-75.5684	22.4975	80.95463	244.63
Si	-43.7524	-65.6251	1.7306	80.96263	236.08
Si	50.7099	58.6675	29.4198	80.97389	257.23
Si	25.8515	-75.5684	-5.1917	80.98608	259.08
Si	-6.4646	63.1392	-51.9173	80.98759	239.36
Si	38.2807	43.2524	58.8396	80.98945	232.6
Si	-6.4646	-11.4363	-79.6064	81.04118	246.35
Si	63.1392	48.2241	-24.2281	81.06214	242.4
Si	48.2241	63.1392	24.2281	81.06214	258.08
Si	-63.6392	-25.8515	-39.8032	81.0814	227.18
Si	18.8939	15.908	-77.8759	81.08786	246.95
Si	16.408	51.2099	62.3007	81.09018	242.58
Si	-51.2099	58.1675	-24.2281	81.0962	239.3
Si	50.7099	-5.9646	64.0313	81.10448	245.06
Si	-13.9222	-40.7666	-67.4924	81.10926	239.4
Si	-21.3797	-26.3514	-72.6842	81.12612	232.44
Si	-0.993	40.7666	-70.9536	81.13575	244.48
Si	53.6957	-58.6675	-15.5752	81.16028	240.93
Si	-23.8655	38.7807	-67.4924	81.17052	256.09
Si	-18.3939	-18.3939	76.1453	81.17313	245.61
Si	21.3797	-18.3939	-76.1453	81.17313	239.09
Si	73.5825	-33.809	12.114	81.17813	238.65
Si	55.6816	43.7524	43.2644	81.20399	238.23
Si	6.4646	-68.1109	-41.5338	81.2063	239.27
Si	-25.8515	75.5684	19.0363	81.22366	254.86
Si	-78.0543	-13.4222	-6.9223	81.22892	250.02
Si	-20.8798	40.7666	67.4924	81.22919	236.55
Si	63.1392	-26.3514	44.995	81.2411	236
Si	3.4788	-66.125	-44.995	81.24451	241.53
Si	23.3656	-76.0684	10.3835	81.25262	249
Si	73.5825	10.9363	-36.3421	81.28249	244.98
Si	-43.7524	-0.993	-67.4924	81.29292	245.72
Si	45.7383	-35.7948	57.109	81.2986	239.38
Si	18.8939	-53.6957	-57.109	81.302	235.19
Si	-23.3656	76.0684	20.7669	81.30631	252.63
Si	55.6816	-0.993	-60.5701	81.31015	232.11
Si	43.2524	-66.125	17.3058	81.33588	242.5
Si	73.5825	35.7948	-15.5752	81.33958	250.73
Si	11.4363	81.0401	-13.8446	81.35294	252.43
Si	-60.6534	-13.9222	-50.1867	81.35405	231.72
Si	-66.125	-31.3231	31.1504	81.35979	234.25
Si	-53.6957	-35.7948	-46.7255	81.35993	227.75
Si	36.2948	26.3514	69.223	81.36917	241.05
Si	43.2524	48.2241	51.9173	81.3822	235.74
Si	66.125	11.4363	-48.4561	81.38902	238.38
Si	-1.4929	-61.1533	-51.9173	81.41783	239.01
Si	-23.8655	53.6957	57.109	81.4225	234.87
Si	-41.2665	23.3656	-65.7618	81.43342	249.01
Si	8.9505	40.7666	-70.9536	81.43983	246.33
Si	-16.408	-76.0684	17.3058	81.45973	248.79
Si	73.0826	-6.4646	38.0727	81.47352	242.49
Si	-13.4222	-23.3656	-76.1453	81.47706	234.96
Si	-28.3373	-73.0826	-13.8446	81.50472	241.84
Si	38.2807	-41.2665	58.8396	81.50952	238.32
Si	-66.125	8.4505	-44.995	81.51769	235.38
Si	18.3939	-31.3231	-72.6842	81.52006	237.74
Si	46.2382	41.2665	-55.3784	81.55273	245.47
Si	-43.2524	41.2665	55.3784	81.55273	238.74
Si	-75.5684	15.908	-22.4975	81.56215	247.46
Si	-0.993	70.5968	-43.2644	81.56794	247.96
Si	75.5684	-15.908	29.4198	81.58127	245.51
Si	13.9222	-73.5825	-29.4198	81.58635	249.08

Si	-53.1958	51.2099	34.6115	81.61244	230.81
Si	56.1816	-48.2241	34.6115	81.61244	238.95
Si	75.5684	23.8655	-25.9586	81.61846	249.46
Si	-38.7807	3.9787	70.9536	81.62444	240.59
Si	-6.4646	-76.0684	24.2281	81.64605	246.19
Si	-46.2382	-6.4646	65.7618	81.6468	237.19
Si	-35.7948	35.7948	-64.0313	81.65172	252.95
Si	10.9363	-30.8231	-74.4147	81.67654	237.06
Si	8.4505	18.3939	79.6064	81.67765	249.51
Si	-11.4363	-11.4363	-79.6064	81.67934	246.31
Si	41.2665	-33.309	-62.3007	81.69754	235.86
Si	56.1816	-23.3656	-55.3784	81.70414	230.83
Si	58.1675	3.4788	-58.8396	81.71932	232.93
Si	-15.908	60.6534	53.6478	81.73641	240.43
Si	-35.7948	-38.7807	60.5701	81.73785	225.84
Si	38.7807	-38.7807	60.5701	81.73785	237.43
Si	-23.8655	23.8655	-74.4147	81.73823	252.71
Si	-65.6251	25.8515	39.8032	81.74628	232.02
Si	-65.6251	30.8231	-36.3421	81.76692	236.43
Si	40.7666	33.809	64.0313	81.77255	239.91
Si	-60.6534	-23.8655	46.7255	81.78314	228.71
Si	38.7807	50.7099	53.6478	81.79721	236.91
Si	-56.1816	-51.2099	-24.2281	81.79811	230.9
Si	-18.8939	73.5825	-32.8809	81.81499	263.21
Si	-18.8939	-70.5968	-32.8809	81.815	237.86
Si	51.2099	-63.1392	6.9223	81.83524	237.14
Si	66.125	-48.2241	-6.9223	81.83524	228.91
Si	-43.7524	-35.7948	57.109	81.84707	226.61
Si	43.7524	-53.6957	-43.2644	81.87462	234.11
Si	-23.8655	73.5825	29.4198	81.88707	248.9
Si	6.4646	-28.3373	76.1453	81.93086	236.47
Si	-5.9646	25.8515	-77.8759	81.93659	248.39
Si	-51.2099	-61.1533	3.4611	81.93968	234.79
Si	-61.1533	-51.2099	3.4611	81.93968	236.66
Si	-46.2382	43.2524	51.9173	81.96045	238.51
Si	-53.1958	46.2382	-41.5338	81.96373	231.9
Si	-36.2948	-41.2665	-58.8396	81.96566	230.04
Si	-36.2948	-1.4929	72.6842	81.97445	240.74
Si	-0.993	-53.6957	60.5701	81.97992	229.84
Si	21.3797	-73.0826	27.6892	81.99806	243.68
Si	-18.3939	76.0684	27.6892	81.99807	250.03
Si	-61.1533	-26.3514	44.995	82.00242	232.05
Si	-58.1675	11.4363	55.3784	82.00611	232.41
Si	-30.8231	60.6534	46.7255	82.02171	233.49
Si	-45.7383	-33.809	-57.109	82.08798	230.14
Si	28.8373	75.5684	-22.4975	82.10382	253.03
Si	-13.4222	81.0401	13.8446	82.10901	248.09
Si	61.1533	-53.1958	-13.8446	82.10901	238.62
Si	-48.724	63.6392	-19.0363	82.13574	240.5
Si	68.1109	18.3939	44.995	82.14711	235.31
Si	51.2099	-18.3939	62.3007	82.15012	243.99
Si	21.3797	51.2099	-62.3007	82.15012	253.84
Si	51.2099	-33.309	55.3784	82.15668	238.28
Si	23.8655	80.5401	-1.7306	82.17054	264.08
Si	-43.2524	-58.1675	34.6115	82.21594	229.15
Si	61.1533	46.2382	34.6115	82.21594	239.59
Si	-10.9363	55.6816	60.5701	82.21708	240.29
Si	33.809	-43.7524	60.5701	82.22044	240.42
Si	-36.2948	33.309	-65.7618	82.24838	253.48
Si	20.8798	-50.7099	-60.5701	82.27836	233.4
Si	-60.6534	-43.7524	-29.4198	82.30925	231.14
Si	-78.5542	3.9787	-19.0363	82.31712	254.01

Si	3.9787	-78.5542	19.0363	82.31712	254.45
Si	5.9646	-80.5401	-5.1917	82.31872	249.35
Si	-36.2948	-56.1816	44.995	82.33349	226.22
Si	40.7666	-50.7099	50.1867	82.37875	235.38
Si	-28.3373	11.4363	-76.1453	82.38215	250.06
Si	18.3939	-11.4363	-79.6064	82.40143	241.2
Si	-18.8939	63.6392	50.1867	82.44075	239.4
Si	-58.1675	31.3231	-48.4561	82.44512	237.26
Si	61.1533	51.2099	27.6892	82.44899	243.65
Si	5.9646	73.5825	-39.8032	82.46945	251.18
Si	-15.908	-68.6109	39.8032	82.47197	233.02
Si	-46.2382	-41.2665	-51.9173	82.47439	226.86
Si	70.5968	-40.7666	15.5752	82.48509	233.21
Si	-78.5542	13.9222	15.5752	82.49011	249.59
Si	-25.8515	45.7383	-64.0313	82.49465	255.67
Si	-28.8373	-40.7666	64.0313	82.49717	228.8
Si	-28.8373	43.7524	64.0313	82.49717	235.44
Si	-20.8798	-53.6957	-57.109	82.50913	232.5
Si	-61.1533	-51.2099	-10.3835	82.52241	232.09
Si	-5.9646	80.5401	-22.4975	82.52405	269.7
Si	-3.9787	73.5825	-39.8032	82.52971	247.17
Si	3.9787	75.5684	-36.3421	82.54764	250.71
Si	28.3373	73.0826	31.1504	82.55938	248.12
Si	6.4646	-43.2524	-69.223	82.57532	235.99
Si	-53.6957	-55.6816	22.4975	82.58845	234.72
Si	51.2099	46.2382	48.4561	82.59489	237.3
Si	-33.309	-68.1109	-27.6892	82.59875	236.18
Si	23.3656	-1.4929	79.6064	82.61063	244.72
Si	50.7099	-15.908	64.0313	82.61425	242.14
Si	43.7524	-48.724	-50.1867	82.62146	234.13
Si	-81.0401	3.4788	3.4611	82.62941	257.22
Si	3.9787	15.908	81.337	82.64192	247.05
Si	15.908	3.9787	-81.337	82.64192	243.84
Si	-81.0401	-1.4929	-3.4611	82.65949	254.45
Si	-3.9787	-75.5684	29.4198	82.66749	246.08
Si	50.7099	48.724	-46.7255	82.68237	247.37
Si	8.4505	-56.1816	-58.8396	82.68524	237.96
Si	58.1675	-56.1816	-17.3058	82.69128	239.18
Si	70.5968	-25.8515	36.3421	82.72729	236.21
Si	58.1675	48.2241	-38.0727	82.73658	249.3
Si	73.5825	-38.7807	5.1917	82.73953	231.99
Si	-50.7099	30.8231	-57.109	82.74561	236.21
Si	-30.8231	-58.6675	46.7255	82.74581	227.89
Si	53.6957	-33.809	53.6478	82.76138	236.86
Si	-3.9787	43.7524	70.9536	82.766	240.64
Si	53.6957	-53.6957	32.8809	82.77729	237.68
Si	68.1109	-41.2665	-24.2281	82.7848	231.56
Si	-41.2665	68.1109	-24.2281	82.7848	240.58
Si	-30.8231	55.6816	53.6478	82.81809	231.61
Si	-20.8798	70.5968	39.8032	82.82618	240.94
Si	-18.8939	78.5542	22.4975	82.82637	253.29
Si	-71.0967	13.4222	-38.0727	82.83167	237.84
Si	-75.5684	-28.8373	-1.7306	82.83335	239.99
Si	41.2665	61.1533	41.5338	82.8635	240.16
Si	-53.6957	13.9222	-60.5701	82.87952	237.33
Si	73.0826	-26.3514	-31.1504	82.88989	232.14
Si	-11.4363	-36.2948	-72.6842	82.93407	238.02
Si	-8.9505	-10.9363	-81.337	82.94131	247.76
Si	40.7666	18.8939	70.9536	82.94349	239.94
Si	75.5684	-35.7948	1.7306	82.94913	232.46
Si	-81.0401	-6.4646	-3.4611	82.98794	254.52
Si	-46.2382	18.3939	65.7618	82.99712	232.88

Si	-60.6534	-48.724	-22.4975	83.00623	232.04
Si	11.4363	-43.2524	-69.223	83.02311	235.93
Si	-8.4505	-43.2524	69.223	83.02311	225.8
Si	-28.3373	36.2948	-69.223	83.02311	256.45
Si	75.5684	33.809	-19.0363	83.02949	250.37
Si	-3.4788	-53.1958	-62.3007	83.04787	230.7
Si	1.4929	1.4929	83.0676	83.0676	247.86
Si	-51.2099	-36.2948	51.9173	83.07163	230.41
Si	-43.7524	-15.908	-67.4924	83.09725	233.11
Si	53.6957	-28.8373	-57.109	83.1053	229.67
Si	75.5684	-25.8515	-25.9586	83.11889	237.04
Si	10.9363	-40.7666	70.9536	83.1231	238.49
Si	-78.0543	-18.3939	-13.8446	83.15598	248.49
Si	-38.2807	-53.1958	48.4561	83.19127	225.82
Si	68.1109	48.2241	-17.3058	83.19406	243.23
Si	-76.0684	-16.408	-24.2281	83.20575	243.27
Si	78.0543	23.3656	-24.2281	83.22898	250.46
Si	-23.8655	-25.8515	-74.4147	83.23651	233.61
Si	-81.0401	-1.4929	-10.3835	83.23717	256.34
Si	3.9787	80.5401	25.9586	83.23759	251.31
Si	-56.1816	13.4222	58.8396	83.25112	229.86
Si	-53.6957	63.6392	-5.1917	83.27603	247.16
Si	23.8655	20.8798	-77.8759	83.31288	245.19
Si	18.3939	-16.408	-79.6064	83.3263	241.22
Si	-60.6534	55.6816	12.114	83.33863	250.06
Si	-63.1392	-43.2524	-27.6892	83.34352	230.18
Si	-63.1392	46.2382	27.6892	83.34352	229.57
Si	-23.3656	76.0684	-27.6892	83.34353	260.72
Si	56.1816	31.3231	-55.3784	83.35144	240.24
Si	78.0543	-31.3231	-3.4611	83.36977	236.77
Si	58.1675	-51.2099	-31.1504	83.42625	234.18
Si	36.2948	-73.0826	13.8446	83.45268	253.4
Si	-73.0826	36.2948	13.8446	83.45268	259.76
Si	36.2948	76.0684	-13.8446	83.45269	264.78
Si	76.0684	-33.309	-13.8446	83.45269	236.2
Si	21.3797	71.0967	-41.5338	83.45796	259.41
Si	-70.5968	-38.7807	12.114	83.46034	237.78
Si	51.2099	26.3514	62.3007	83.49313	236.7
Si	11.4363	56.1816	62.3007	83.49313	243.13
Si	26.3514	-48.2241	-62.3007	83.49313	233.36
Si	-5.9646	80.5401	25.9586	83.53402	245.94
Si	65.6251	-40.7666	-32.8809	83.54609	229.12
Si	-58.1675	56.1816	-20.7669	83.55526	239.34
Si	-58.1675	-53.1958	-20.7669	83.55526	231.38
Si	-13.4222	81.0401	-20.7669	83.55526	266.81
Si	40.7666	73.5825	15.5752	83.5579	263.99
Si	-68.6109	28.8373	36.3421	83.56433	229.13
Si	-60.6534	-43.7524	32.8809	83.60888	229.1
Si	-38.7807	-65.6251	29.4198	83.61998	229.18
Si	-63.6392	53.6957	-5.1917	83.63179	250.12
Si	-71.0967	-36.2948	-17.3058	83.64598	239.29
Si	-58.6675	23.8655	-53.6478	83.6534	237.19
Si	23.8655	-68.6109	39.8032	83.66223	240.65
Si	50.7099	-65.6251	8.6529	83.67801	239.28
Si	-73.5825	-20.8798	29.4198	83.68024	237.85
Si	18.3939	-71.0967	38.0727	83.69242	241.19
Si	1.4929	36.2948	76.1453	83.72144	241.99
Si	-75.5684	15.908	-29.4198	83.73632	243.98
Si	15.908	-75.5684	29.4198	83.73632	242.34
Si	45.7383	23.8655	-67.4924	83.74612	244.59
Si	46.2382	-13.4222	-69.223	83.76411	234.81
Si	16.408	46.2382	-69.223	83.76411	247.99

Si	-35.7948	45.7383	60.5701	83.76615	236.81
Si	18.8939	35.7948	74.4147	83.76735	242.34
Si	35.7948	18.8939	-74.4147	83.76735	246.13
Si	10.9363	-35.7948	-74.4147	83.76818	237.34
Si	-53.6957	18.8939	-60.5701	83.76945	238.14
Si	73.5825	-13.9222	39.8032	83.7785	239.99
Si	-58.1675	21.3797	-55.3784	83.79508	235.77
Si	21.3797	61.1533	55.3784	83.79508	241.95
Si	-58.1675	-18.3939	-55.3784	83.79508	231.46
Si	-18.8939	-75.5684	-25.9586	83.8327	249.38
Si	33.809	65.6251	-43.2644	83.83952	254.08
Si	-73.5825	-35.7948	1.7306	83.84327	237.58
Si	8.9505	50.7099	67.4924	83.86394	243.26
Si	-58.6675	-55.6816	-12.114	83.87459	230.94
Si	-35.7948	-8.9505	74.4147	83.88678	238.63
Si	25.8515	-75.5684	22.4975	83.89235	241.86
Si	-71.0967	-16.408	-38.0727	83.90005	235.48
Si	-50.7099	-63.6392	-8.6529	83.91778	234.31
Si	5.9646	-65.6251	50.1867	83.92567	231.01
Si	41.2665	-38.2807	-62.3007	83.93602	235.05
Si	8.9505	45.7383	-70.9536	83.95044	245.75
Si	63.1392	-46.2382	31.1504	83.95754	233.54
Si	60.6534	48.724	36.3421	83.97313	237.04
Si	-3.9787	-65.6251	50.1867	83.98488	230.09
Si	-53.6957	28.8373	57.109	83.99366	240.17
Si	28.8373	-73.5825	25.9586	84.01123	242.06
Si	-38.7807	73.5825	15.5752	84.03251	247.9
Si	13.4222	-81.0401	10.3835	84.03464	257.15
Si	48.724	45.7383	53.6478	84.0626	239.31
Si	-15.908	-78.5542	19.0363	84.09947	252.76
Si	-78.5542	18.8939	-19.0363	84.09947	246.52
Si	-38.7807	-55.6816	-46.7255	84.10804	230.04
Si	-38.7807	-40.7666	-60.5701	84.1223	229.92
Si	3.9787	75.5684	39.8032	84.12885	235.97
Si	30.8231	-10.9363	77.8759	84.13918	240.12
Si	-51.2099	-46.2382	-44.995	84.14505	225.86
Si	-46.2382	-51.2099	44.995	84.14505	227.55
Si	-18.3939	-28.3373	-76.1453	84.16313	230.17
Si	50.7099	-40.7666	-53.6478	84.17997	227.09
Si	8.9505	-18.8939	81.337	84.184	242.22
Si	-0.993	-43.7524	-70.9536	84.18861	235.83
Si	-6.4646	43.2524	-72.6842	84.20311	245.05
Si	-43.2524	-33.309	-62.3007	84.22999	230.73
Si	-53.1958	16.408	62.3007	84.22999	230.2
Si	36.2948	46.2382	62.3007	84.22999	232.55
Si	-13.4222	56.1816	62.3007	84.22999	239.28
Si	68.6109	-48.724	-8.6529	84.27001	227.89
Si	-48.724	68.6109	8.6529	84.27001	249.44
Si	28.3373	8.4505	-79.6064	84.29838	245.24
Si	11.4363	-33.309	76.1453	84.30985	236.5
Si	-63.6392	-40.7666	-32.8809	84.31607	229.14
Si	-81.0401	18.3939	-3.4611	84.31678	255.94
Si	-41.2665	-71.0967	-3.4611	84.31842	237.75
Si	25.8515	-70.5968	36.3421	84.32677	243.06
Si	-73.5825	-10.9363	36.3421	84.33004	235.39
Si	53.1958	43.2524	-51.9173	84.33532	246.34
Si	-33.309	-63.1392	-41.5338	84.34179	233.5
Si	48.724	-38.7807	-57.109	84.34557	227.9
Si	3.4788	-81.0401	-17.3058	84.35122	252.68
Si	61.1533	36.2948	48.4561	84.37138	238.48
Si	6.4646	81.0401	-27.6892	84.37515	249.64
Si	58.1675	63.1392	10.3835	84.38064	248.06

Si	-26.3514	-1.4929	79.6064	84.38843	249.4
Si	-1.4929	-26.3514	79.6064	84.38843	236.35
Si	58.6675	25.8515	-57.109	84.40203	236.17
Si	0.993	63.6392	57.109	84.40285	240.34
Si	58.1675	-56.1816	24.2281	84.41183	233.87
Si	-63.6392	-0.993	-53.6478	84.41832	233.47
Si	13.4222	-76.0684	-31.1504	84.42991	251.61
Si	-58.6675	58.6675	15.5752	84.44396	250.46
Si	23.8655	65.6251	-50.1867	84.45218	254.96
Si	-20.8798	65.6251	-50.1867	84.45218	255.65
Si	65.6251	23.8655	50.1867	84.45218	238.19
Si	-5.9646	40.7666	74.4147	84.4724	241.55
Si	40.7666	8.9505	-74.4147	84.4724	239.99
Si	-61.1533	-21.3797	51.9173	84.51688	228.44
Si	-63.1392	-23.3656	48.4561	84.51773	228.4
Si	26.3514	66.125	-48.4561	84.51773	253.22
Si	-63.1392	26.3514	-48.4561	84.51773	234.04
Si	-16.408	-81.0401	-3.4611	84.52288	255.27
Si	-21.3797	18.3939	-79.6064	84.53394	252.58
Si	18.3939	-21.3797	79.6064	84.53394	238.99
Si	20.8798	-10.9363	-81.337	84.5343	240.61
Si	23.8655	-3.9787	81.337	84.53511	243.31
Si	-20.8798	70.5968	-43.2644	84.54398	258.05
Si	-61.1533	58.1675	3.4611	84.54902	247.62
Si	-46.2382	-66.125	-17.3058	84.55724	233.05
Si	-51.2099	8.4505	65.7618	84.56131	231.08
Si	-20.8798	-78.5542	-15.5752	84.56162	247.03
Si	58.1675	23.3656	-58.8396	84.57256	238.76
Si	73.0826	3.4788	44.995	84.57881	238.07
Si	-20.8798	-38.7807	-70.9536	84.59849	232.71
Si	45.7383	73.5825	1.7306	84.60239	261.74
Si	45.7383	-70.5968	1.7306	84.60239	246.92
Si	-1.4929	73.0826	-44.995	84.60819	248.77
Si	-75.5684	30.8231	19.0363	84.62327	258.95
Si	48.724	20.8798	67.4924	84.62776	237.99
Si	-41.2665	33.309	65.7618	84.64781	242.51
Si	-13.9222	-35.7948	-74.4147	84.64958	235.01
Si	-65.6251	50.7099	-15.5752	84.67422	241.55
Si	-46.2382	-61.1533	-31.1504	84.69444	233.52
Si	-48.724	68.6109	-12.114	84.69541	242.09
Si	-35.7948	-48.724	-57.109	84.69683	230.71
Si	-6.4646	-41.2665	-72.6842	84.70345	238.38
Si	3.9787	60.6534	60.5701	84.70466	239.6
Si	-63.6392	8.9505	-53.6478	84.71061	236.38
Si	-53.1958	51.2099	-41.5338	84.78025	231.34
Si	51.2099	-53.1958	41.5338	84.78025	237.02
Si	-43.2524	21.3797	69.223	84.79063	234.08
Si	46.2382	-18.3939	69.223	84.79063	243.55
Si	-18.3939	-43.2524	69.223	84.79063	227.17
Si	46.2382	21.3797	69.223	84.79063	240.32
Si	30.8231	48.724	64.0313	84.80005	230.25
Si	-73.0826	41.2665	-6.9223	84.8019	246.15
Si	-38.2807	-68.1109	-27.6892	84.81344	238.01
Si	-18.8939	-70.5968	-39.8032	84.83416	237.39
Si	53.1958	-41.2665	51.9173	84.83488	234.69
Si	-41.2665	-61.1533	38.0727	84.86719	227.39
Si	48.2241	68.1109	-24.2281	84.90443	255.43
Si	68.1109	48.2241	-24.2281	84.90443	242.07
Si	-13.9222	-80.5401	15.5752	84.90955	250.73
Si	53.6957	-58.6675	-29.4198	84.9113	234.88
Si	36.2948	-33.309	-69.223	84.93626	237.28
Si	8.9505	-38.7807	74.4147	84.9419	234.89

Si	-51.2099	43.2524	-51.9173	84.952	231.28
Si	-73.5825	23.8655	-32.8809	84.95889	238.5
Si	31.3231	-73.0826	-27.6892	84.95904	242.62
Si	-13.4222	11.4363	83.0676	84.97975	249.18
Si	16.408	11.4363	83.0676	84.97975	245.89
Si	63.6392	35.7948	46.7255	84.98267	237.64
Si	78.0543	-26.3514	24.2281	84.99384	239.17
Si	-20.8798	-8.9505	81.337	85.00182	246.69
Si	3.9787	-73.5825	39.8032	85.01058	235.46
Si	-75.5684	15.908	32.8809	85.01414	244.47
Si	30.8231	18.8939	77.8759	85.01593	241.86
Si	-58.1675	-48.2241	34.6115	85.02411	229.56
Si	63.6392	-8.9505	-57.109	85.04501	228.42
Si	-50.7099	-33.809	-57.109	85.04583	229.23
Si	-65.6251	30.8231	-43.2644	85.0699	236.04
Si	68.1109	-26.3514	-44.995	85.07531	236.04
Si	-70.5968	35.7948	-29.4198	85.0827	236.74
Si	30.8231	63.6392	50.1867	85.09478	242.33
Si	61.1533	-23.3656	-55.3784	85.11214	230.63
Si	40.7666	73.5825	22.4975	85.12035	265.95
Si	53.6957	55.6816	39.8032	85.12259	236.84
Si	-45.7383	70.5968	-15.5752	85.13936	241.87
Si	70.5968	48.724	15.5752	85.13936	248.07
Si	-36.2948	63.1392	-44.995	85.16292	255.34
Si	-81.0401	13.4222	-17.3058	85.16744	248.36
Si	13.4222	-41.2665	-72.6842	85.16842	234.07
Si	-50.7099	30.8231	60.5701	85.17125	236.82
Si	-15.908	70.5968	46.7255	85.21391	243.06
Si	-63.6392	-20.8798	50.1867	85.21397	228.26
Si	-3.9787	-80.5401	22.4975	85.23788	246.74
Si	56.1816	36.2948	55.3784	85.25722	236.52
Si	6.4646	-63.1392	55.3784	85.25722	230.98
Si	-60.6534	-53.6957	19.0363	85.2662	233.53
Si	63.1392	-26.3514	-51.9173	85.27	231.16
Si	-26.3514	63.1392	-51.9173	85.27	255.48
Si	75.5684	-40.7666	1.7306	85.29973	232.71
Si	-41.2665	-11.4363	72.6842	85.31422	236.87
Si	-11.4363	-41.2665	-72.6842	85.31422	237.3
Si	-68.6109	33.809	36.3421	85.32064	229.19
Si	-28.8373	18.8939	77.8759	85.36605	251.23
Si	-50.7099	-43.7524	-50.1867	85.38719	225.37
Si	11.4363	71.0967	-48.4561	85.3906	250.43
Si	-45.7383	-3.9787	-70.9536	85.41154	245.17
Si	1.4929	21.3797	83.0676	85.41493	250.07
Si	13.9222	-53.6957	-64.0313	85.44166	234.58
Si	73.5825	-13.9222	-43.2644	85.47717	232.74
Si	73.5825	-33.809	-29.4198	85.49071	231.21
Si	8.4505	63.1392	-58.8396	85.50302	249.79
Si	-3.4788	76.0684	41.5338	85.50603	236.1
Si	8.4505	-66.125	51.9173	85.53356	229.69
Si	16.408	81.0401	27.6892	85.53893	240.68
Si	-13.4222	81.0401	27.6892	85.53893	248.37
Si	-13.4222	81.0401	-27.6892	85.53893	264.41
Si	-53.1958	61.1533	-27.6892	85.53893	240.14
Si	-13.4222	-78.0543	27.6892	85.53894	246.56
Si	-66.125	28.3373	44.995	85.5415	231.35
Si	-1.4929	78.0543	38.0727	85.55753	236.97
Si	6.4646	-18.3939	83.0676	85.5595	240.07
Si	28.8373	40.7666	-70.9536	85.58355	239.65
Si	-18.8939	-15.908	-81.337	85.6395	243.09
Si	53.1958	58.1675	-38.0727	85.64302	245.19
Si	-38.2807	76.0684	-13.8446	85.64531	244.65

Si	-61.1533	28.3373	-51.9173	85.67712	236.22
Si	-58.6675	-5.9646	-60.5701	85.69494	229.01
Si	65.6251	53.6957	22.4975	85.69835	245.71
Si	-80.5401	-8.9505	-22.4975	85.70076	242.63
Si	-13.9222	-30.8231	77.8759	85.71232	235.57
Si	-40.7666	-53.6957	-50.1867	85.73418	230.82
Si	66.125	56.1816	-13.8446	85.78948	245.03
Si	-13.9222	-60.6534	57.109	85.79752	233.32
Si	11.4363	-48.2241	69.223	85.80487	235.86
Si	75.5684	3.9787	43.2644	85.82058	240.97
Si	3.9787	75.5684	-43.2644	85.82058	249.76
Si	53.1958	53.1958	-44.995	85.85409	244.92
Si	-8.9505	48.724	70.9536	85.87349	241.86
Si	-6.4646	78.0543	38.0727	85.8749	236.49
Si	-48.724	-55.6816	-39.8032	85.87763	229.27
Si	-55.6816	-48.724	39.8032	85.87763	230.62
Si	38.7807	65.6251	-43.2644	85.87849	254.33
Si	46.2382	-63.1392	34.6115	85.89183	234.23
Si	-76.0684	-26.3514	-24.2281	85.89564	237.46
Si	48.724	25.8515	67.4924	85.90313	238.41
Si	1.4929	-38.2807	-76.1453	85.90719	237.45
Si	65.6251	-0.993	57.109	85.91011	228.65
Si	-21.3797	-21.3797	79.6064	85.92729	243.92
Si	-35.7948	75.5684	-22.4975	85.92846	242.64
Si	-51.2099	18.3939	65.7618	85.9526	229.45
Si	-48.724	68.6109	-19.0363	85.95897	239.65
Si	-33.809	-55.6816	-53.6478	85.98394	231.37
Si	21.3797	11.4363	83.0676	85.99176	244.29
Si	28.3373	58.1675	58.8396	85.99259	240.75
Si	-10.9363	35.7948	-77.8759	85.99861	243.15
Si	45.7383	-70.5968	15.5752	86.00672	242.01
Si	-3.9787	58.6675	64.0313	86.01669	241.35
Si	28.8373	-38.7807	-70.9536	86.04698	237.03
Si	58.6675	45.7383	46.7255	86.08051	239.66
Si	31.3231	66.125	-48.4561	86.11122	253.72
Si	16.408	71.0967	-48.4561	86.11122	249.23
Si	73.0826	-46.2382	3.4611	86.11227	231.47
Si	66.125	-48.2241	27.6892	86.11493	229.98
Si	66.125	51.2099	-27.6892	86.11493	243.61
Si	-15.908	80.5401	-29.4198	86.12075	264.64
Si	-31.3231	3.4788	79.6064	86.12793	247.73
Si	70.5968	-40.7666	29.4198	86.17847	230.77
Si	8.9505	65.6251	-57.109	86.19734	250.92
Si	-48.724	53.6957	-46.7255	86.19834	230.25
Si	-65.6251	50.7099	-22.4975	86.21643	239.32
Si	-61.1533	8.4505	-58.8396	86.22672	235.55
Si	78.5542	-18.8939	32.8809	86.22776	243.18
Si	-46.2382	-66.125	24.2281	86.24058	229.02
Si	53.1958	63.1392	-31.1504	86.27746	249.81
Si	8.4505	-81.0401	-24.2281	86.2966	246.59
Si	-23.8655	-80.5401	8.6529	86.298	258.34
Si	-38.7807	-65.6251	36.3421	86.29904	228.34
Si	-26.3514	58.1675	58.8396	86.30995	234.77
Si	-6.4646	-61.1533	58.8396	86.31316	229.73
Si	-23.8655	28.8373	77.8759	86.34475	251.64
Si	23.8655	-73.5825	-36.3421	86.35743	240.14
Si	-20.8798	-73.5825	-36.3421	86.35743	237.09
Si	23.8655	70.5968	46.7255	86.36639	239.87
Si	71.0967	31.3231	41.5338	86.3689	238.4
Si	-11.4363	-71.0967	-44.995	86.37685	235.36
Si	-31.3231	8.4505	-79.6064	86.38568	250.53
Si	-76.0684	23.3656	31.1504	86.39743	243.91

Si	13.9222	-33.809	-77.8759	86.4023	237.95
Si	46.2382	41.2665	-62.3007	86.40288	243.06
Si	-43.2524	-38.2807	-62.3007	86.40288	230.68
Si	10.9363	-70.5968	-46.7255	86.42553	240.43
Si	-16.408	73.0826	44.995	86.42958	242.2
Si	-60.6534	55.6816	25.9586	86.4432	230.99
Si	-41.2665	48.2241	58.8396	86.45383	237.49
Si	50.7099	23.8655	-67.4924	86.47589	242.17
Si	-38.2807	11.4363	-76.1453	86.48073	248.53
Si	66.125	-38.2807	41.5338	86.51187	230.51
Si	66.125	-38.2807	-41.5338	86.51187	228.07
Si	-3.9787	38.7807	77.8759	86.5157	241.45
Si	-20.8798	-28.8373	-77.8759	86.5165	232.6
Si	51.2099	-13.4222	69.223	86.52204	243.01
Si	51.2099	-13.4222	-69.223	86.52204	234.36
Si	38.7807	70.5968	-36.3421	86.52437	251.37
Si	53.6957	15.908	67.4924	86.53416	237.87
Si	-70.5968	-8.9505	46.7255	86.54049	233.45
Si	61.1533	41.2665	48.4561	86.54072	238.84
Si	-8.9505	68.6109	-53.6478	86.55618	239.36
Si	-78.5542	3.9787	-32.8809	86.57298	238.65
Si	-13.9222	-75.5684	36.3421	86.58419	235.76
Si	45.7383	3.9787	-74.4147	86.61052	239.72
Si	33.809	-28.8373	74.4147	86.61292	234.91
Si	53.6957	70.5968	-1.7306	86.62261	253.18
Si	-63.6392	38.7807	43.2644	86.62774	228.39
Si	43.2524	23.3656	72.6842	86.63288	240.02
Si	48.724	35.7948	-64.0313	86.64531	243.18
Si	-45.7383	-68.6109	19.0363	86.64699	230.13
Si	-73.0826	-13.4222	-41.5338	86.65461	233.41
Si	-63.6392	-0.993	57.109	86.65909	227.04
Si	-46.2382	73.0826	-10.3835	86.66694	242.46
Si	50.7099	8.9505	70.9536	86.67378	238.23
Si	13.9222	75.5684	-43.2644	86.68033	252.41
Si	-46.2382	58.1675	-44.995	86.68803	232.02
Si	-51.2099	68.1109	17.3058	86.68928	240.15
Si	68.1109	-51.2099	17.3058	86.68928	231.25
Si	-13.9222	53.6957	-67.4924	86.70633	232.47
Si	33.309	48.2241	65.7618	86.72191	232.21
Si	25.8515	38.7807	-74.4147	86.72524	241.44
Si	-45.7383	-38.7807	60.5701	86.72647	225.32
Si	73.0826	-36.2948	31.1504	86.73719	231.5
Si	-78.5542	33.809	8.6529	86.75682	256.01
Si	13.4222	-61.1533	58.8396	86.76951	227.33
Si	-25.8515	-68.6109	-43.2644	86.79894	235.92
Si	58.6675	-63.6392	5.1917	86.82204	237.85
Si	36.2948	-78.0543	0	86.82702	252.74
Si	-60.6534	-18.8939	-57.109	86.82863	230.06
Si	-8.4505	-58.1675	-62.3007	86.83094	230.08
Si	11.4363	61.1533	62.3007	86.83094	242.36
Si	58.1675	3.4788	-65.7618	86.83648	232.82
Si	46.2382	-48.2241	55.3784	86.83714	235.61
Si	5.9646	78.5542	-39.8032	86.84898	250.84
Si	-81.0401	28.3373	-3.4611	86.85792	250.57
Si	-50.7099	60.6534	-36.3421	86.86681	235.01
Si	-51.2099	63.1392	31.1504	86.88035	236.68
Si	43.2524	-21.3797	-72.6842	86.89072	236.34
Si	-78.0543	-3.4788	34.6115	86.89322	235.83
Si	-66.125	18.3939	51.9173	86.90929	233.21
Si	-63.6392	8.9505	57.109	86.94385	230.51
Si	-40.7666	-13.9222	74.4147	86.95422	236.73
Si	-43.2524	76.0684	0	86.96924	247.94

Si	-56.1816	-26.3514	58.8396	86.9698	228.72
Si	-56.1816	-26.3514	-58.8396	86.9698	230.66
Si	-81.0401	-11.4363	-24.2281	86.98195	242.6
Si	53.6957	35.7948	60.5701	87.00863	238.58
Si	15.908	28.8373	-81.337	87.01276	244.78
Si	76.0684	-38.2807	-20.7669	87.03281	231
Si	76.0684	-38.2807	20.7669	87.03281	234.96
Si	58.6675	15.908	-64.0313	87.04441	233.95
Si	-55.6816	-23.8655	60.5701	87.06734	229.38
Si	58.6675	-23.8655	60.5701	87.06734	234.01
Si	28.3373	-21.3797	79.6064	87.06873	237.48
Si	-21.3797	28.3373	79.6064	87.06873	251.88
Si	-31.3231	48.2241	65.7618	87.09372	235.99
Si	78.5542	-38.7807	5.1917	87.10548	231.55
Si	-68.6109	-10.9363	50.1867	87.10755	231.82
Si	21.3797	-68.1109	48.4561	87.11009	230.77
Si	-18.3939	-68.1109	48.4561	87.11009	232.54
Si	15.908	-65.6251	-53.6478	87.12465	233.1
Si	68.6109	15.908	53.6478	87.12466	237.92
Si	-5.9646	-28.8373	81.337	87.12775	236.81
Si	33.809	-78.5542	12.114	87.17008	252.41
Si	-78.5542	33.809	-12.114	87.17008	248.01
Si	63.1392	58.1675	-24.2281	87.17382	244.77
Si	66.125	56.1816	20.7669	87.17469	244.14
Si	-13.4222	41.2665	-76.1453	87.19235	242.56
Si	60.6534	48.724	43.2644	87.19258	239.86
Si	63.6392	60.6534	-15.5752	87.20494	248.13
Si	73.5825	-43.7524	19.0363	87.21486	233.03
Si	-26.3514	78.0543	31.1504	87.21983	249.54
Si	-73.0826	-43.2524	-6.9223	87.24429	237.23
Si	-73.0826	46.2382	-6.9223	87.24429	243.93
Si	40.7666	3.9787	77.8759	87.25394	240.87
Si	71.0967	46.2382	-27.6892	87.2555	242.17
Si	25.8515	-65.6251	50.1867	87.27462	230.8
Si	-8.4505	26.3514	83.0676	87.27567	250.46
Si	10.9363	-60.6534	-60.5701	87.29305	237.85
Si	-20.8798	-63.6392	53.6478	87.29724	232.83
Si	33.809	40.7666	-70.9536	87.29924	240.24
Si	81.0401	11.4363	34.6115	87.31887	243.23
Si	71.0967	-38.2807	-34.6115	87.31887	227.63
Si	38.7807	-68.6109	-36.3421	87.32503	232.26
Si	33.309	-61.1533	-51.9173	87.36253	229.32
Si	56.1816	-38.2807	-55.3784	87.40458	226.39
Si	-53.6957	23.8655	64.0313	87.44327	231.73
Si	-30.8231	-43.7524	67.4924	87.44533	227.98
Si	-51.2099	-66.125	17.3058	87.46002	231.4
Si	-73.0826	31.3231	-34.6115	87.46029	236.52
Si	76.0684	31.3231	-34.6115	87.4603	241.6
Si	-10.9363	45.7383	74.4147	87.4625	240.44
Si	-68.6109	-45.7383	22.4975	87.4726	234.96
Si	70.5968	-0.993	-53.6478	87.51921	231.21
Si	-38.7807	23.8655	-74.4147	87.52169	245.58
Si	23.8655	-38.7807	74.4147	87.52169	235.67
Si	33.809	0.993	81.337	87.52307	240.67
Si	-58.1675	16.408	-62.3007	87.53971	235.29
Si	-13.4222	61.1533	62.3007	87.53971	242.46
Si	30.8231	-80.5401	8.6529	87.54746	255.19
Si	-60.6534	-38.7807	46.7255	87.56363	228.78
Si	-16.408	33.309	-79.6064	87.57793	246.8
Si	-21.3797	73.0826	44.995	87.59444	239.96
Si	-18.8939	-75.5684	36.3421	87.60604	237.04
Si	65.6251	18.8939	57.109	87.61941	236.99

Si	33.809	5.9646	81.337	87.63581	241.47
Si	5.9646	-30.8231	-81.337	87.63581	238.37
Si	-18.8939	48.724	70.9536	87.64024	238.29
Si	-80.5401	25.8515	19.0363	87.66494	255.78
Si	55.6816	48.724	50.1867	87.66929	238.55
Si	65.6251	-35.7948	-46.7255	87.67316	228.21
Si	-30.8231	-3.9787	81.337	87.69251	250.2
Si	-75.5684	-33.809	-22.4975	87.69725	238.44
Si	43.2524	-61.1533	44.995	87.70945	233.87
Si	43.2524	-61.1533	-44.995	87.70945	231.61
Si	-31.3231	-61.1533	-51.9173	87.73162	231.36
Si	38.7807	-53.6957	-57.109	87.73596	233.49
Si	53.1958	68.1109	24.2281	87.73908	253.51
Si	-70.5968	-28.8373	39.8032	87.7561	233.44
Si	25.8515	33.809	77.8759	87.76285	242.78
Si	63.1392	63.1392	10.3835	87.7972	246.37
Si	38.2807	-31.3231	-72.6842	87.82493	236.6
Si	68.1109	-41.2665	38.0727	87.83992	230
Si	-75.5684	-28.8373	-29.4198	87.88568	236.59
Si	-66.125	48.2241	31.1504	87.89954	228.8
Si	-11.4363	-46.2382	72.6842	87.91136	226.11
Si	-71.0967	33.309	38.0727	87.92634	230.92
Si	8.4505	38.2807	-79.6064	87.97123	240.43
Si	38.2807	8.4505	-79.6064	87.97123	239.76
Si	-28.8373	43.7524	70.9536	87.97835	235.3
Si	-35.7948	75.5684	-29.4198	87.99481	241.64
Si	65.6251	-55.6816	-19.0363	88.00139	237.02
Si	-28.8373	-50.7099	64.0313	88.00602	229.11
Si	45.7383	-55.6816	50.1867	88.00728	233.86
Si	-3.9787	-70.5968	50.1867	88.00886	229.19
Si	-48.724	73.5825	-5.1917	88.00917	242.42
Si	43.2524	28.3373	-72.6842	88.01968	243.32
Si	-68.1109	-48.2241	-20.7669	88.02121	232.37
Si	-58.1675	-53.1958	-34.6115	88.02371	232.1
Si	56.1816	-58.1675	34.6115	88.02371	236.64
Si	61.1533	-53.1958	34.6115	88.02371	236.36
Si	70.5968	-35.7948	-39.8032	88.03418	226.28
Si	73.5825	20.8798	46.7255	88.06839	235.98
Si	56.1816	-28.3373	62.3007	88.10262	234.68
Si	43.2524	-66.125	-38.0727	88.12243	234.58
Si	-60.6534	-53.6957	-29.4198	88.16727	233.47
Si	-41.2665	-61.1533	-44.995	88.1899	231.23
Si	-68.1109	36.2948	-41.5338	88.20951	235.77
Si	66.125	-58.1675	-6.9223	88.23032	230.73
Si	-76.0684	-16.408	38.0727	88.23676	233.58
Si	5.9646	68.6109	57.109	88.23974	238.12
Si	23.8655	-58.6675	60.5701	88.25273	225.09
Si	-58.6675	23.8655	-60.5701	88.25273	237.74
Si	78.0543	23.3656	-38.0727	88.25866	235.37
Si	-1.4929	-81.0401	-31.1504	88.26639	253.8
Si	-31.3231	-71.0967	-38.0727	88.29307	236.42
Si	-3.9787	-45.7383	-74.4147	88.30783	236.99
Si	55.6816	68.6109	-19.0363	88.33812	248.31
Si	-53.1958	51.2099	-48.4561	88.37776	229.12
Si	-68.1109	26.3514	48.4561	88.37776	233.14
Si	6.4646	-28.3373	83.0676	88.40127	236.72
Si	38.7807	-78.5542	5.1917	88.45833	252.74
Si	6.4646	46.2382	-76.1453	88.45884	242.91
Si	-43.2524	6.4646	76.1453	88.45884	240.23
Si	6.4646	-43.2524	76.1453	88.45884	235.49
Si	-70.5968	45.7383	25.9586	88.47836	230.13
Si	23.8655	80.5401	32.8809	88.48818	240.94

Si	-35.7948	20.8798	-77.8759	88.49225	248.88
Si	-41.2665	28.3373	72.6842	88.49844	236.99
Si	28.3373	-41.2665	72.6842	88.49844	236.7
Si	53.1958	-66.125	-24.2281	88.50067	234.13
Si	13.4222	38.2807	79.6064	88.50332	242.11
Si	28.3373	-26.3514	-79.6064	88.50488	236.41
Si	-58.1675	21.3797	-62.3007	88.52246	236.15
Si	61.1533	21.3797	62.3007	88.52246	238.83
Si	-33.309	61.1533	55.3784	88.52854	230.4
Si	5.9646	58.6675	-67.4924	88.56722	243.19
Si	-46.2382	-71.0967	-17.3058	88.58328	234.11
Si	66.125	-48.2241	34.6115	88.58355	231.77
Si	-48.2241	-63.1392	-34.6115	88.58355	232.34
Si	-56.1816	-41.2665	-51.9173	88.60088	225.14
Si	-30.8231	75.5684	-36.3421	88.61298	240.17
Si	25.8515	-75.5684	36.3421	88.61454	242.31
Si	-3.9787	-55.6816	-67.4924	88.62333	231.71
Si	-76.0684	-41.2665	-3.4611	88.63466	234.42
Si	-11.4363	38.2807	-79.6064	88.64363	241.41
Si	38.2807	-11.4363	-79.6064	88.64363	236.7
Si	66.125	-23.3656	55.3784	88.66804	231.41
Si	-25.8515	-63.6392	53.6478	88.70167	232.16
Si	-60.6534	50.7099	39.8032	88.70609	227.69
Si	53.1958	43.2524	-58.8396	88.76451	244.61
Si	78.5542	30.8231	32.8809	88.76863	238.33
Si	-3.9787	43.7524	77.8759	88.77191	240.89
Si	26.3514	-48.2241	-69.223	88.77809	231.79
Si	-53.1958	11.4363	69.223	88.77809	230.26
Si	-46.2382	-16.408	72.6842	88.77886	238.02
Si	-58.6675	38.7807	-53.6478	88.81291	232
Si	28.8373	-53.6957	-64.0313	88.84539	231.88
Si	78.0543	-1.4929	-44.995	88.85443	235.61
Si	-1.4929	78.0543	44.995	88.85443	234.75
Si	-1.4929	78.0543	-44.995	88.85443	247.93
Si	36.2948	31.3231	76.1453	88.87699	240.9
Si	38.7807	45.7383	67.4924	88.90025	233.92
Si	76.0684	-23.3656	41.5338	88.9073	234.6
Si	-23.3656	76.0684	41.5338	88.9073	240.42
Si	35.7948	-80.5401	1.7306	88.93278	253.14
Si	61.1533	46.2382	-48.4561	88.93536	239.4
Si	61.1533	46.2382	48.4561	88.93536	238.14
Si	1.4929	76.0684	48.4561	88.93537	236.96
Si	53.1958	58.1675	44.995	88.93675	237.46
Si	-61.1533	-21.3797	-58.8396	88.93703	229.39
Si	76.0684	41.2665	27.6892	88.93896	232.4
Si	76.0684	41.2665	-27.6892	88.93896	242.79
Si	1.4929	71.0967	55.3784	88.94637	237.74
Si	50.7099	38.7807	64.0313	88.95335	241.19
Si	25.8515	43.7524	-74.4147	88.97613	241.23
Si	-33.809	8.9505	-81.337	88.9806	251.76
Si	40.7666	-65.6251	43.2644	88.98901	233.53
Si	-41.2665	73.0826	31.1504	89.01571	235.82
Si	66.125	61.1533	13.8446	89.04125	246.26
Si	-53.1958	-63.1392	-27.6892	89.0778	231.18
Si	-36.2948	48.2241	65.7618	89.08612	237.05
Si	-10.9363	-68.6109	53.6478	89.14658	229.89
Si	-6.4646	78.0543	44.995	89.16006	236.27
Si	41.2665	-38.2807	69.223	89.19474	230.21
Si	-61.1533	-61.1533	10.3835	89.20151	232.42
Si	13.4222	73.0826	51.9173	89.23449	237.57
Si	43.7524	-38.7807	67.4924	89.23591	228.86
Si	-30.8231	80.5401	25.9586	89.25606	248.66

Si	58.6675	-58.6675	32.8809	89.27123	236.57
Si	75.5684	18.8939	-46.7255	89.29308	236.17
Si	-61.1533	38.2807	51.9173	89.29328	225.56
Si	15.908	48.724	-74.4147	89.30918	244.19
Si	30.8231	-20.8798	-81.337	89.31131	236.25
Si	-75.5684	35.7948	-29.4198	89.3342	239.08
Si	-41.2665	-41.2665	65.7618	89.33842	224.29
Si	-78.0543	-28.3373	-27.6892	89.35486	238.73
Si	31.3231	-78.0543	27.6892	89.35486	242.95
Si	-38.7807	-15.908	77.8759	89.38346	237.74
Si	63.6392	-3.9787	-64.0313	89.39854	227.2
Si	-73.0826	-43.2524	20.7669	89.41427	235.02
Si	46.2382	-73.0826	20.7669	89.41427	242.98
Si	76.0684	-43.2524	-20.7669	89.41428	231.21
Si	25.8515	-80.5401	-25.9586	89.42377	246.06
Si	33.309	-76.0684	31.1504	89.43358	241.11
Si	-60.6534	45.7383	46.7255	89.45994	227.6
Si	-66.125	-56.1816	-10.3835	89.47818	232.23
Si	-23.8655	28.8373	-81.337	89.47891	251.57
Si	76.0684	-8.4505	-48.4561	89.48951	232.55
Si	76.0684	-8.4505	48.4561	89.48951	232.44
Si	-8.4505	71.0967	55.3784	89.50043	237.34
Si	11.4363	71.0967	55.3784	89.50043	238.85
Si	-48.2241	51.2099	55.3784	89.50043	230.73
Si	-8.4505	71.0967	-55.3784	89.50043	239.11
Si	48.724	-48.724	-57.109	89.52071	230.85
Si	-10.9363	-33.809	81.337	89.53445	235.58
Si	-5.9646	55.6816	-70.9536	89.59044	233.78
Si	-76.0684	-36.2948	24.2281	89.61398	232.08
Si	78.0543	28.3373	38.0727	89.6203	237.47
Si	51.2099	-73.0826	0	89.6286	246.27
Si	20.8798	-30.8231	-81.337	89.64311	236.57
Si	-28.8373	23.8655	-81.337	89.64466	250.27
Si	3.4788	-66.125	-58.8396	89.6561	236.36
Si	28.8373	70.5968	-50.1867	89.67585	253.86
Si	-25.8515	70.5968	-50.1867	89.67585	253.03
Si	-66.125	-26.3514	-51.9173	89.68214	232.7
Si	-28.8373	-60.6534	57.109	89.68561	231.97
Si	25.8515	38.7807	77.8759	89.71269	240.22
Si	1.4929	81.0401	-41.5338	89.73747	248.08
Si	23.8655	-48.724	-70.9536	89.75906	231.81
Si	75.5684	8.9505	50.1867	89.78588	236.64
Si	68.1109	-56.1816	17.3058	89.79864	231.55
Si	-48.724	3.9787	-74.4147	89.80798	241.42
Si	-40.7666	-33.809	-70.9536	89.81365	226.8
Si	18.3939	-81.0401	31.1504	89.82029	242.32
Si	-41.2665	-71.0967	-31.1504	89.82183	237.14
Si	28.3373	33.309	-79.6064	89.83359	241.17
Si	0.993	-70.5968	-53.6478	89.86244	234
Si	33.809	-18.8939	81.337	89.86466	236.74
Si	6.4646	-78.0543	-41.5338	89.8751	246.36
Si	75.5684	48.724	-19.0363	89.89077	242.59
Si	-68.1109	31.3231	48.4561	89.90286	229.62
Si	-66.125	8.4505	58.8396	89.90373	227.91
Si	56.1816	36.2948	62.3007	89.90775	240.28
Si	6.4646	66.125	-62.3007	89.90775	250.06
Si	-66.125	58.1675	-17.3058	89.90929	239.28
Si	-36.2948	-16.408	-79.6064	89.91963	236.3
Si	-76.0684	8.4505	-44.995	89.93726	232.12
Si	60.6534	58.6675	36.3421	89.9424	235.62
Si	43.2524	-1.4929	79.6064	89.94419	239.33
Si	-60.6534	-43.7524	46.7255	89.95868	227.33

Si	-6.4646	-66.125	58.8396	89.98664	231.24
Si	53.1958	13.4222	72.6842	89.99158	238.5
Si	58.1675	-36.2948	58.8396	90.01118	231.02
Si	35.7948	-35.7948	-74.4147	90.02529	237.07
Si	58.1675	-61.1533	-31.1504	90.03833	230.96
Si	-63.6392	63.6392	1.7306	90.04074	244.26
Si	-70.5968	-43.7524	-29.4198	90.05318	230.87
Si	-51.2099	33.309	-65.7618	90.08035	233.33
Si	55.6816	68.6109	-25.9586	90.0838	244.14
Si	68.6109	55.6816	25.9586	90.0838	244.13
Si	-15.908	-73.5825	46.7255	90.12431	234.02
Si	-33.809	-80.5401	-12.114	90.12431	242.55
Si	33.809	40.7666	74.4147	90.13489	239.15
Si	-26.3514	33.309	-79.6064	90.13743	249.66
Si	30.8231	-45.7383	70.9536	90.14131	234.96
Si	-43.7524	-30.8231	70.9536	90.14361	225.36
Si	68.6109	-58.6675	-1.7306	90.15034	231.79
Si	63.6392	-63.6392	5.1917	90.17369	235.76
Si	-11.4363	-71.0967	-51.9173	90.17658	234.36
Si	76.0684	16.408	-48.4561	90.17738	234.19
Si	-75.5684	-43.7524	12.114	90.17946	234.63
Si	71.0967	-13.4222	55.3784	90.18823	231.92
Si	-71.0967	-46.2382	-24.2281	90.1915	232.59
Si	-31.3231	28.3373	-79.6064	90.19256	249.9
Si	-3.4788	-33.309	83.0676	90.20042	235.81
Si	-68.6109	53.6957	22.4975	90.25415	233.7
Si	-63.6392	-35.7948	50.1867	90.28434	228.03
Si	38.7807	-63.6392	-50.1867	90.28434	230.56
Si	78.5542	-3.9787	46.7255	90.28657	233.53
Si	-38.2807	-68.1109	41.5338	90.28668	226.98
Si	11.4363	-78.0543	41.5338	90.28669	236.49
Si	-48.2241	31.3231	69.223	90.29643	234.83
Si	51.2099	31.3231	69.223	90.29643	238.23
Si	-58.6675	-60.6534	-25.9586	90.30656	231.49
Si	-60.6534	50.7099	-43.2644	90.31213	230.43
Si	-63.1392	-8.4505	-62.3007	90.31919	229.32
Si	66.125	-8.4505	62.3007	90.31919	227.05
Si	73.0826	33.309	-44.995	90.34321	240.55
Si	-0.993	40.7666	81.337	90.35657	240.91
Si	-41.2665	3.4788	-79.6064	90.38527	243.47
Si	-50.7099	-18.8939	-70.9536	90.41663	232.2
Si	-28.3373	-73.0826	-41.5338	90.42346	235.62
Si	-68.6109	38.7807	43.2644	90.42521	227.09
Si	-81.0401	38.2807	-3.4611	90.42687	245.65
Si	-53.1958	21.3797	-69.223	90.43319	234.5
Si	-75.5684	-28.8373	-36.3421	90.43847	235.89
Si	-58.6675	3.9787	-67.4924	90.44708	233.52
Si	13.4222	-76.0684	-44.995	90.45778	243.82
Si	-28.8373	-45.7383	70.9536	90.4716	226.88
Si	-28.3373	21.3797	83.0676	90.47404	248.13
Si	63.1392	-6.4646	-65.7618	90.48872	229.79
Si	33.809	-53.6957	-64.0313	90.49927	233.57
Si	70.5968	13.9222	57.109	90.5056	235.62
Si	78.0543	43.2524	-24.2281	90.51245	243.5
Si	48.2241	-56.1816	51.9173	90.58451	233.63
Si	43.2524	68.1109	44.995	90.58896	234.04
Si	-11.4363	-76.0684	44.995	90.59507	232.9
Si	11.4363	36.2948	83.0676	90.61054	238.87
Si	-63.6392	-40.7666	-46.7255	90.61633	225.81
Si	43.7524	-63.6392	46.7255	90.61633	233.1
Si	-40.7666	-63.6392	46.7255	90.61633	225.61
Si	-15.908	-63.6392	60.5701	90.62956	227.65

Si	-48.724	-10.9363	-74.4147	90.62991	238.74
Si	53.6957	75.5684	-1.7306	90.6384	253.62
Si	53.6957	-58.6675	-43.2644	90.64332	226.81
Si	-33.309	-33.309	76.1453	90.6667	227.63
Si	43.2524	13.4222	-79.6064	90.68269	237.9
Si	13.4222	43.2524	79.6064	90.68269	241.27
Si	13.4222	43.2524	-79.6064	90.68269	241.5
Si	-53.6957	68.6109	-25.9586	90.6888	238.56
Si	-65.6251	40.7666	46.7255	90.72218	227.15
Si	-10.9363	-53.6957	-70.9536	90.74516	227.84
Si	28.8373	-78.5542	32.8809	90.7547	243.21
Si	-23.8655	-80.5401	29.4198	90.76341	248.36
Si	-76.0684	-26.3514	38.0727	90.77769	233.62
Si	-26.3514	-76.0684	-38.0727	90.77769	235.72
Si	73.5825	35.7948	-43.2644	90.80389	241.87
Si	60.6534	-65.6251	15.5752	90.815	234.14
Si	68.6109	60.6534	-15.5752	90.81501	246.31
Si	50.7099	68.6109	36.3421	90.81787	237.41
Si	68.1109	63.1392	3.4611	90.83063	243.28
Si	-71.0967	18.3939	51.9173	90.83113	231.69
Si	-63.6392	-25.8515	57.109	90.83684	229.13
Si	48.2241	43.2524	-65.7618	90.84207	242.48
Si	-68.6109	-55.6816	8.6529	90.8754	230.58
Si	-55.6816	-68.6109	-8.6529	90.8754	233.92
Si	-65.6251	10.9363	60.5701	90.89961	227.75
Si	-33.809	-75.5684	-32.8809	90.9166	241.28
Si	-43.7524	-10.9363	77.8759	90.91903	237.42
Si	-68.1109	56.1816	20.7669	90.92198	234.12
Si	56.1816	-68.1109	20.7669	90.92198	235.68
Si	-78.5542	-40.7666	8.6529	90.93008	236.15
Si	-81.0401	-1.4929	-38.0727	90.9403	235.78
Si	38.2807	-81.0401	10.3835	90.95523	251.92
Si	-81.0401	38.2807	10.3835	90.95523	254.93
Si	-53.1958	-58.1675	41.5338	90.96853	231.15
Si	61.1533	56.1816	-41.5338	90.96853	238.33
Si	-41.2665	78.0543	24.2281	90.9781	236.21
Si	-63.1392	-13.4222	-62.3007	91.0008	228.61
Si	16.408	66.125	62.3007	91.0008	236.72
Si	40.7666	63.6392	-53.6478	91.00915	227.71
Si	5.9646	53.6957	-74.4147	91.00926	241.74
Si	15.908	-70.5968	-53.6478	91.00991	232.31
Si	-40.7666	-58.6675	53.6478	91.01218	226.22
Si	-28.8373	28.8373	-81.337	91.01287	250.89
Si	-30.8231	35.7948	-77.8759	91.02528	251.09
Si	-53.6957	-50.7099	50.1867	91.04739	226.36
Si	53.6957	-3.9787	74.4147	91.06387	233.02
Si	-68.6109	23.8655	-53.6478	91.0668	228.02
Si	-48.2241	-3.4788	76.1453	91.07472	236.69
Si	-28.8373	-65.6251	-53.6478	91.11984	233.23
Si	-73.0826	21.3797	-48.4561	91.13168	228.42
Si	-18.3939	71.0967	55.3784	91.14242	236.58
Si	13.4222	-41.2665	-79.6064	91.14747	235.08
Si	43.7524	50.7099	-64.0313	91.14923	236.97
Si	25.8515	-70.5968	50.1867	91.1535	232.98
Si	-81.0401	8.4505	-38.0727	91.15718	236.4
Si	8.4505	-81.0401	38.0727	91.15718	236.2
Si	-68.6109	-50.7099	-25.9586	91.17853	231.21
Si	30.8231	-35.7948	77.8759	91.18822	233.45
Si	43.2524	73.0826	38.0727	91.20563	236.65
Si	73.5825	-43.7524	32.8809	91.24256	230.07
Si	70.5968	-45.7383	36.3421	91.2517	231.02
Si	-53.1958	-53.1958	-48.4561	91.2672	225.02

Si	81.0401	46.2382	0	91.26828	243.45
Si	-55.6816	-68.6109	12.114	91.27002	228.19
Si	-43.2524	76.0684	27.6892	91.2707	234.88
Si	31.3231	-58.1675	62.3007	91.27202	226.47
Si	-58.1675	-28.3373	-62.3007	91.27202	232.34
Si	80.5401	-20.8798	-39.8032	91.28691	234.5
Si	40.7666	-80.5401	8.6529	91.36035	250.86
Si	-46.2382	43.2524	-65.7618	91.36047	231.41
Si	-50.7099	45.7383	60.5701	91.3867	227.18
Si	66.125	66.125	0	91.40359	243.92
Si	-43.2524	51.2099	-62.3007	91.40733	229.49
Si	51.2099	-43.2524	62.3007	91.40733	226.52
Si	-63.1392	56.1816	34.6115	91.46649	231.36
Si	66.125	-53.1958	-34.6115	91.46649	228.82
Si	-48.2241	-8.4505	-76.1453	91.48092	238.72
Si	11.4363	-48.2241	76.1453	91.48092	234.55
Si	75.5684	3.9787	-53.6478	91.49566	232.71
Si	80.5401	33.809	-32.8809	91.50929	241.16
Si	6.4646	-58.1675	69.223	91.51997	227.64
Si	-43.2524	81.0401	6.9223	91.53042	243.33
Si	-78.0543	-43.2524	-6.9223	91.53043	235.63
Si	-43.2524	-78.0543	-6.9223	91.53043	236.11
Si	51.2099	-58.1675	48.4561	91.53763	233.53
Si	-58.1675	51.2099	48.4561	91.53763	223.66
Si	-58.1675	51.2099	-48.4561	91.53763	229.03
Si	68.6109	15.908	60.5701	91.54976	235.83
Si	-31.3231	78.0543	-38.0727	91.58639	241.86
Si	-55.6816	55.6816	46.7255	91.58943	224.37
Si	55.6816	-40.7666	-60.5701	91.60252	226.5
Si	63.6392	30.8231	60.5701	91.60328	233.76
Si	48.724	75.5684	25.9586	91.60687	247.21
Si	66.125	-63.1392	-6.9223	91.66534	232.21
Si	10.9363	-80.5401	-39.8032	91.66731	248.63
Si	73.0826	-41.2665	-38.0727	91.66776	225.93
Si	71.0967	-58.1675	0	91.67362	232.22
Si	26.3514	31.3231	83.0676	91.69521	241.5
Si	-65.6251	-23.8655	-57.109	91.70226	231.05
Si	-23.8655	48.724	-74.4147	91.7136	235.13
Si	58.6675	-8.9505	-70.9536	91.71915	228.09
Si	-28.3373	81.0401	-34.6115	91.73633	241.61
Si	-53.6957	-65.6251	29.4198	91.73947	228.54
Si	-53.6957	68.6109	29.4198	91.73947	232.92
Si	25.8515	58.6675	-67.4924	91.74691	233.83
Si	38.7807	-18.8939	81.337	91.76986	238.11
Si	-71.0967	48.2241	-31.1504	91.77908	236.79
Si	-41.2665	-76.0684	24.2281	91.82114	234.26
Si	-40.7666	-3.9787	81.337	91.82326	239.69
Si	-10.9363	-78.5542	-43.2644	91.83593	235.83
Si	53.1958	23.3656	72.6842	91.84003	234.79
Si	35.7948	-75.5684	36.3421	91.84673	239.05
Si	78.0543	-46.2382	17.3058	91.86619	231.21
Si	-75.5684	-28.8373	39.8032	91.88398	232.52
Si	-16.408	63.1392	-65.7618	91.89847	231.65
Si	53.6957	-38.7807	-64.0313	91.90811	227
Si	81.0401	-18.3939	41.5338	91.91463	236.38
Si	-78.0543	-18.3939	-41.5338	91.91463	233.76
Si	-41.2665	-61.1533	51.9173	91.91471	225.15
Si	-58.1675	-8.4505	-69.223	91.9242	230.87
Si	-8.4505	-58.1675	-69.223	91.9242	229.07
Si	-68.1109	-58.1675	-6.9223	91.9346	231.98
Si	-18.3939	-63.1392	-62.3007	91.94656	229.17
Si	-53.1958	-38.2807	62.3007	91.94656	226.76

Si	66.125	36.2948	-55.3784	91.95242	227.62
Si	-63.1392	-33.309	55.3784	91.95242	228.49
Si	40.7666	-15.908	-81.337	91.98328	236.88
Si	-48.724	-75.5684	1.7306	91.99559	233.4
Si	-58.6675	28.8373	64.0313	92.01622	232.47
Si	5.9646	-70.5968	57.109	92.07796	231.25
Si	-68.6109	18.8939	57.109	92.08021	231.75
Si	48.2241	33.309	72.6842	92.08178	239.63
Si	1.4929	-38.2807	83.0676	92.09867	234.74
Si	-75.5684	-43.7524	-22.4975	92.15053	233.64
Si	50.7099	-0.993	77.8759	92.15828	235.54
Si	33.809	50.7099	-70.9536	92.20117	236.77
Si	-41.2665	58.1675	58.8396	92.20884	224.42
Si	28.3373	-81.0401	31.1504	92.20988	241.87
Si	66.125	-58.1675	27.6892	92.21368	232.64
Si	80.5401	48.724	-5.1917	92.22908	243.27
Si	-65.6251	60.6534	-22.4975	92.25462	237.12
Si	-45.7383	-33.809	-70.9536	92.25732	225.08
Si	50.7099	-65.6251	-39.8032	92.25743	230.04
Si	23.3656	-66.125	58.8396	92.26423	226.61
Si	40.7666	-80.5401	15.5752	92.27365	252.94
Si	-30.8231	30.8231	81.337	92.30548	249.37
Si	63.6392	-8.9505	67.4924	92.33876	228.35
Si	65.6251	48.724	-46.7255	92.34169	236.99
Si	-43.2524	66.125	-48.4561	92.34416	239.22
Si	-23.3656	-73.0826	48.4561	92.34416	231.31
Si	76.0684	26.3514	48.4561	92.34417	231.59
Si	65.6251	-25.8515	-60.5701	92.35468	227.52
Si	-68.1109	-23.3656	55.3784	92.35476	226.44
Si	51.2099	-53.1958	-55.3784	92.35476	229.8
Si	-68.1109	26.3514	-55.3784	92.35476	227.39
Si	-30.8231	45.7383	74.4147	92.40958	234.99
Si	-73.5825	48.724	-25.9586	92.41729	236.52
Si	-55.6816	-13.9222	-70.9536	92.41733	230.21
Si	58.6675	35.7948	-64.0313	92.44218	235.36
Si	-75.5684	10.9363	-50.1867	92.44638	232.32
Si	53.1958	78.0543	3.4611	92.44901	249.84
Si	20.8798	-65.6251	-60.5701	92.46302	230.27
Si	-38.7807	-35.7948	-74.4147	92.4656	224.5
Si	25.8515	63.6392	64.0313	92.49594	239.83
Si	60.6534	23.8655	-67.4924	92.49714	232.89
Si	60.6534	-20.8798	-67.4924	92.49714	227.68
Si	-38.7807	58.6675	-60.5701	92.51826	230.25
Si	3.4788	78.0543	-51.9173	92.52564	248.19
Si	78.5542	40.7666	32.8809	92.53122	232.28
Si	40.7666	78.5542	-32.8809	92.53122	242.11
Si	-70.5968	-43.7524	-36.3421	92.5462	228.44
Si	-73.5825	-25.8515	-46.7255	92.55977	230.33
Si	50.7099	58.6675	-53.6478	92.57071	222.55
Si	-13.4222	-58.1675	-69.223	92.59399	227.88
Si	75.5684	-50.7099	-19.0363	92.59971	229.34
Si	-50.7099	75.5684	19.0363	92.59971	238.13
Si	78.0543	43.2524	-31.1504	92.60588	241.18
Si	3.9787	45.7383	81.337	92.62581	244.47
Si	45.7383	3.9787	-81.337	92.62581	239.24
Si	35.7948	-80.5401	-25.9586	92.62772	242.67
Si	28.8373	80.5401	39.8032	92.63087	240.93
Si	58.1675	-61.1533	38.0727	92.66112	235.65
Si	80.5401	13.9222	-46.7255	92.6619	236.22
Si	-0.993	-53.6957	74.4147	92.67966	225.32
Si	48.724	70.5968	39.8032	92.68453	237.34
Si	76.0684	56.1816	-6.9223	92.73769	239.08

Si	-30.8231	-48.724	-70.9536	92.73877	224.01
Si	-80.5401	0.993	-43.2644	92.74415	234.61
Si	-66.125	-61.1533	10.3835	92.76068	230.05
Si	73.5825	-53.6957	19.0363	92.76361	233.3
Si	-48.724	-75.5684	-12.114	92.77361	235.04
Si	43.7524	15.908	81.337	92.78668	237.21
Si	-73.5825	38.7807	-39.8032	92.79545	235.96
Si	-1.4929	-56.1816	72.6842	92.83452	226.77
Si	-46.2382	-1.4929	79.6064	92.86743	237.7
Si	30.8231	-65.6251	57.109	92.87905	225.63
Si	61.1533	46.2382	-55.3784	92.88849	238.19
Si	-3.9787	-65.6251	64.0313	92.92342	227.44
Si	68.6109	-3.9787	-64.0313	92.92343	226.7
Si	-46.2382	-31.3231	-72.6842	92.94156	223.69
Si	70.5968	63.6392	1.7306	92.95426	242.53
Si	78.5542	-38.7807	32.8809	92.96002	230.11
Si	25.8515	-80.5401	36.3421	92.97046	242.61
Si	-80.5401	25.8515	-36.3421	92.97046	237.78
Si	23.3656	-41.2665	-79.6064	92.97294	233.79
Si	-63.6392	-15.908	64.0313	92.97839	231.18
Si	-21.3797	63.1392	65.7618	92.99486	233.01
Si	53.6957	-53.6957	53.6478	93.00007	234.35
Si	-6.4646	73.0826	58.8396	93.00806	235.23
Si	-56.1816	8.4505	72.6842	93.04699	230.94
Si	13.4222	48.2241	79.6064	93.07685	239.73
Si	38.2807	78.0543	-38.0727	93.0834	241.18
Si	21.3797	51.2099	-76.1453	93.08798	240.79
Si	55.6816	63.6392	43.2644	93.11489	235.59
Si	20.8798	48.724	77.8759	93.11972	240.25
Si	63.1392	-66.125	-17.3058	93.12323	230.11
Si	56.1816	31.3231	69.223	93.12636	238.39
Si	31.3231	56.1816	-69.223	93.12636	235.67
Si	-26.3514	68.1109	-58.8396	93.14159	248.37
Si	28.3373	53.1958	-72.6842	93.14933	235.82
Si	28.3373	53.1958	72.6842	93.14933	237.59
Si	60.6534	68.6109	-25.9586	93.15916	242.98
Si	-28.8373	-50.7099	70.9536	93.16365	227.75
Si	-28.3373	-28.3373	83.0676	93.16602	233.33
Si	48.2241	-11.4363	-79.6064	93.21028	235.24
Si	-11.4363	48.2241	79.6064	93.21028	238.34
Si	-43.2524	31.3231	-76.1453	93.22065	234.61
Si	63.1392	-36.2948	58.8396	93.22161	230.22
Si	68.6109	10.9363	-64.0313	93.24164	232.79
Si	53.1958	-66.125	38.0727	93.24643	236.64
Si	-56.1816	53.1958	51.9173	93.24666	223.63
Si	35.7948	-75.5684	-39.8032	93.27042	239.02
Si	-70.5968	60.6534	-1.7306	93.27311	240.8
Si	-3.4788	-78.0543	-48.4561	93.27631	239.76
Si	-55.6816	65.6251	-36.3421	93.28777	233.9
Si	-75.5684	-48.724	-15.5752	93.28869	231.5
Si	-58.6675	-5.9646	70.9536	93.32359	226.64
Si	30.8231	43.7524	77.8759	93.33154	240.08
Si	-71.0967	-36.2948	-44.995	93.39007	226.62
Si	48.724	80.5401	-15.5752	93.39077	248.57
Si	-51.2099	-61.1533	-44.995	93.41669	229.92
Si	-73.5825	-45.7383	29.4198	93.44853	232.19
Si	80.5401	18.8939	-46.7255	93.45873	233.48
Si	-33.309	-78.0543	34.6115	93.47132	233.38
Si	-10.9363	-53.6957	74.4147	93.47634	225.87
Si	78.0543	-36.2948	38.0727	93.48308	230.65
Si	-25.8515	-78.5542	39.8032	93.48559	233.07
Si	-26.3514	-71.0967	-51.9173	93.48773	232.87

Si	43.7524	70.5968	46.7255	93.51192	236.15
Si	18.8939	70.5968	60.5701	93.52474	236.49
Si	-3.4788	-68.1109	62.3007	93.54563	231.03
Si	-3.4788	71.0967	-62.3007	93.54563	235.43
Si	-11.4363	73.0826	-58.8396	93.56464	237.71
Si	73.0826	48.2241	38.0727	93.58641	233.15
Si	73.0826	48.2241	-38.0727	93.58641	237.87
Si	-76.0684	28.3373	-44.995	93.59981	232.24
Si	65.6251	-65.6251	-12.114	93.61892	232.33
Si	68.6109	65.6251	12.114	93.61892	244.13
Si	-33.809	78.5542	-39.8032	93.64277	240.2
Si	43.2524	43.2524	72.6842	93.652	235.72
Si	63.1392	-46.2382	51.9173	93.66923	227.99
Si	-76.0684	-6.4646	51.9173	93.67219	229.89
Si	-8.4505	81.0401	48.4561	93.67295	235.2
Si	-15.908	55.6816	74.4147	93.68439	235.44
Si	63.6392	70.5968	12.114	93.72433	244.38
Si	-76.0684	48.2241	24.2281	93.73665	229.74
Si	-15.908	50.7099	-77.8759	93.75373	232.55
Si	-60.6534	20.8798	67.4924	93.77224	230.15
Si	-76.0684	53.1958	-10.3835	93.79106	242.97
Si	-65.6251	-58.6675	25.9586	93.79732	229.02
Si	-58.6675	68.6109	-25.9586	93.79733	239.14
Si	-56.1816	-51.2099	51.9173	93.80477	229.97
Si	51.2099	-78.0543	0	93.80586	246.46
Si	51.2099	76.0684	27.6892	93.8082	249.01
Si	76.0684	-48.2241	-27.6892	93.8082	229.14
Si	63.6392	50.7099	-50.1867	93.82524	236.78
Si	-48.724	-25.8515	-74.4147	93.84566	224.18
Si	-25.8515	-48.724	74.4147	93.84566	226.59
Si	53.1958	53.1958	58.8396	93.85346	234.4
Si	56.1816	-3.4788	76.1453	93.88119	233.84
Si	6.4646	-53.1958	-76.1453	93.88119	231.01
Si	-50.7099	70.5968	-36.3421	93.92139	234.57
Si	70.5968	53.6957	36.3421	93.92139	235.26
Si	-10.9363	65.6251	67.4924	93.92894	241.04
Si	-68.6109	-35.7948	50.1867	93.9341	226.97
Si	-48.2241	51.2099	62.3007	93.94114	228.5
Si	-68.1109	11.4363	62.3007	93.94114	228.9
Si	66.125	-38.2807	55.3784	93.94687	229.56
Si	-81.0401	-36.2948	24.2281	93.95001	231.07
Si	-53.6957	28.8373	70.9536	93.95696	231.04
Si	-60.6534	-18.8939	67.4924	93.98406	229.81
Si	-45.7383	-43.7524	67.4924	93.98479	225.4
Si	48.724	-43.7524	67.4924	93.98479	225.73
Si	-68.1109	-58.1675	-20.7669	93.99636	229.32
Si	-30.8231	35.7948	81.337	94.00352	250.4
Si	18.8939	60.6534	-70.9536	94.00618	236.64
Si	78.0543	18.3939	-51.9173	94.0356	232.94
Si	-48.2241	41.2665	-69.223	94.05075	231.44
Si	41.2665	-48.2241	-69.223	94.05075	229.75
Si	-35.7948	50.7099	-70.9536	94.05905	229.48
Si	-73.0826	16.408	-55.3784	94.07833	228.49
Si	16.408	76.0684	55.3784	94.07834	237.89
Si	-48.724	-45.7383	64.0313	94.08787	226
Si	-31.3231	-81.0401	-31.1504	94.12189	241.55
Si	-40.7666	40.7666	74.4147	94.15855	234.53
Si	50.7099	78.5542	22.4975	94.16425	249.41
Si	73.0826	-51.2099	-31.1504	94.19668	229.39
Si	33.809	80.5401	39.8032	94.21832	240.22
Si	43.2524	68.1109	51.9173	94.21897	235.36
Si	21.3797	41.2665	83.0676	94.22128	239.7

Si	78.5542	55.6816	-1.7306	94.22243	240.15
Si	70.5968	3.9787	64.0313	94.24185	226.15
Si	55.6816	-35.7948	-67.4924	94.24449	226.81
Si	-81.0401	8.4505	44.995	94.25842	236.19
Si	11.4363	-53.1958	76.1453	94.2753	232.35
Si	56.1816	-8.4505	-76.1453	94.2753	229.15
Si	35.7948	73.5825	50.1867	94.29869	234.53
Si	-63.1392	-53.1958	41.5338	94.30386	229.31
Si	56.1816	-63.1392	-41.5338	94.30386	228.95
Si	10.9363	58.6675	-74.4147	94.31681	238.92
Si	0.993	63.6392	70.9536	94.32294	238.57
Si	-60.6534	0.993	-70.9536	94.32294	237.59
Si	81.0401	-13.4222	-48.4561	94.33033	232.69
Si	80.5401	43.7524	29.4198	94.33903	231.55
Si	25.8515	-80.5401	-39.8032	94.3772	240.08
Si	33.309	68.1109	58.8396	94.40506	236.07
Si	58.1675	73.0826	24.2281	94.46742	249.24
Si	6.4646	-43.2524	83.0676	94.48326	234.95
Si	-58.1675	66.125	-34.6115	94.52316	236.73
Si	-81.0401	-41.2665	17.3058	94.5492	232.41
Si	43.7524	-38.7807	74.4147	94.57998	228.04
Si	-80.5401	40.7666	25.9586	94.58166	231.47
Si	-28.3373	66.125	62.3007	94.59665	232.1
Si	55.6816	-75.5684	8.6529	94.60309	242.98
Si	60.6534	58.6675	-46.7255	94.61587	236.42
Si	-5.9646	-73.5825	-57.109	94.62226	232.34
Si	28.8373	65.6251	-64.0313	94.66071	230.95
Si	-31.3231	78.0543	44.995	94.67357	231.21
Si	-36.2948	58.1675	-65.7618	94.68126	229.2
Si	65.6251	-55.6816	-39.8032	94.6898	229.79
Si	-23.3656	61.1533	-69.223	94.7055	229.71
Si	1.4929	66.125	69.223	94.7055	237.42
Si	-71.0967	33.309	51.9173	94.74658	228.77
Si	-71.0967	33.309	-51.9173	94.74658	230.27
Si	-41.2665	73.0826	-44.995	94.75229	237.88
Si	-65.6251	45.7383	-50.1867	94.76905	224.31
Si	-43.7524	-55.6816	-60.5701	94.7882	224.08
Si	28.8373	-38.7807	81.337	94.79126	233.34
Si	10.9363	-60.6534	70.9536	94.79317	227.77
Si	-75.5684	-53.6957	-1.7306	94.80102	231.58
Si	-36.2948	-46.2382	-72.6842	94.81115	225.65
Si	-46.2382	-36.2948	72.6842	94.81115	227.84
Si	51.2099	81.0401	13.8446	94.82199	247.3
Si	56.1816	-33.309	-69.223	94.83591	226.57
Si	66.125	6.4646	69.223	94.83591	227.42
Si	-71.0967	-46.2382	-38.0727	94.8527	228.68
Si	75.5684	-55.6816	15.5752	94.86149	230.85
Si	23.3656	48.2241	79.6064	94.8652	242.11
Si	48.2241	23.3656	79.6064	94.8652	236.69
Si	-33.309	31.3231	83.0676	94.87486	251.23
Si	50.7099	33.809	-74.4147	94.89045	233.55
Si	-33.309	-43.2524	-76.1453	94.9285	225.46
Si	-73.5825	-20.8798	-53.6478	94.94708	228.02
Si	78.0543	48.2241	-31.1504	94.95156	240.48
Si	18.3939	-71.0967	-58.8396	94.95781	231.39
Si	-43.7524	-80.5401	15.5752	94.96915	236.52
Si	41.2665	61.1533	62.3007	94.98779	229.71
Si	-73.0826	-18.3939	-55.3784	94.99346	228.91
Si	-18.3939	76.0684	-55.3784	94.99347	239.03
Si	-26.3514	-61.1533	65.7618	94.99722	225.85
Si	-16.408	-76.0684	51.9173	95.03473	231.03
Si	53.6957	-53.6957	-57.109	95.03872	227.04

Si	-68.1109	56.1816	34.6115	95.04472	230.14
Si	60.6534	23.8655	70.9536	95.05212	234.48
Si	63.1392	58.1675	44.995	95.0622	231.81
Si	71.0967	-48.2241	-41.5338	95.08694	228.09
Si	-13.9222	58.6675	-74.4147	95.1005	231.7
Si	-68.6109	58.6675	29.4198	95.12618	231.47
Si	-76.0684	33.309	44.995	95.14498	227.17
Si	15.908	-45.7383	-81.337	95.15403	236.16
Si	15.908	48.724	-81.337	95.15403	240.96
Si	-60.6534	65.6251	32.8809	95.1643	230.73
Si	-33.809	-80.5401	-32.8809	95.1672	242.14
Si	73.5825	-58.6675	-15.5752	95.17758	228.86
Si	43.7524	-78.5542	-29.4198	95.17842	237.93
Si	78.5542	-53.6957	-8.6529	95.17936	229.53
Si	-53.6957	-75.5684	8.6529	95.17936	228.89
Si	75.5684	-35.7948	-46.7255	95.18843	223.5
Si	73.0826	-61.1533	3.4611	95.1925	233.29
Si	-63.1392	-8.4505	69.223	95.22606	226.55
Si	-63.1392	11.4363	-69.223	95.22606	232.1
Si	-8.4505	66.125	-69.223	95.22606	230.76
Si	71.0967	66.125	6.9223	95.2361	244.05
Si	66.125	-68.1109	-6.9223	95.2361	232.85
Si	-55.6816	-58.6675	46.7255	95.24427	231.54
Si	-20.8798	-68.6109	60.5701	95.30904	228.89
Si	-48.724	23.8655	77.8759	95.32538	235.35
Si	-41.2665	63.1392	58.8396	95.3453	226
Si	-41.2665	-66.125	-51.9173	95.37268	226.6
Si	-48.2241	-58.1675	-55.3784	95.38297	225.39
Si	26.3514	41.2665	83.0676	95.3945	241.56
Si	-23.3656	-38.2807	83.0676	95.3945	227
Si	41.2665	26.3514	83.0676	95.3945	240.16
Si	26.3514	-38.2807	83.0676	95.3945	234.33
Si	18.8939	-63.6392	67.4924	95.39499	224
Si	-23.8655	78.5542	50.1867	95.39499	231.45
Si	-50.7099	60.6534	53.6478	95.41061	228.01
Si	-81.0401	48.2241	10.3835	95.41131	238.89
Si	-48.724	33.809	-74.4147	95.4129	231.3
Si	-58.6675	38.7807	64.0313	95.44447	227.25
Si	75.5684	-25.8515	-53.6478	95.46198	225.25
Si	36.2948	76.0684	48.4561	95.50221	236.08
Si	21.3797	71.0967	62.3007	95.50681	236.66
Si	-68.1109	21.3797	62.3007	95.50681	230.01
Si	-18.3939	-68.1109	62.3007	95.50681	227.88
Si	36.2948	-68.1109	-55.3784	95.51245	228.78
Si	30.8231	-50.7099	-74.4147	95.51415	231.56
Si	-1.4929	-51.2099	79.6064	95.51799	227.82
Si	-48.724	78.5542	-25.9586	95.57219	237.82
Si	68.6109	-53.6957	39.8032	95.57669	231.22
Si	-78.5542	-50.7099	1.7306	95.58074	230.55
Si	53.1958	68.1109	44.995	95.58082	236.69
Si	63.1392	33.309	65.7618	95.58845	236.3
Si	-73.5825	58.6675	15.5752	95.64433	235.27
Si	-63.6392	-50.7099	-46.7255	95.65875	223.26
Si	-58.6675	23.8655	70.9536	95.67766	230.52
Si	50.7099	-80.5401	1.7306	95.68038	247.08
Si	50.7099	63.6392	-53.6478	95.72128	220.3
Si	-51.2099	8.4505	79.6064	95.7245	229.53
Si	-73.0826	-58.1675	-6.9223	95.75378	234.86
Si	13.9222	-68.6109	-64.0313	95.75504	233.01
Si	38.2807	73.0826	51.9173	95.7801	234.59
Si	63.1392	-71.0967	10.3835	95.79839	233.69
Si	-51.2099	-6.4646	-79.6064	95.80237	238.63

Si	58.6675	20.8798	74.4147	95.82448	234.15
Si	-35.7948	-68.6109	53.6478	95.82798	229.05
Si	-68.6109	38.7807	-53.6478	95.82798	228.66
Si	-18.3939	-53.1958	76.1453	95.83551	224.98
Si	66.125	16.408	-69.223	95.87279	231.77
Si	66.125	-13.4222	-69.223	95.87279	227.83
Si	-68.1109	46.2382	-48.4561	95.88965	226.15
Si	-68.1109	-43.2524	48.4561	95.88965	226.95
Si	-46.2382	-81.0401	-10.3835	95.90501	235.01
Si	-76.0684	43.2524	-38.0727	95.96426	236.26
Si	23.3656	-71.0967	-58.8396	95.96748	229.34
Si	-81.0401	-36.2948	-31.1504	95.96849	234.6
Si	-5.9646	-58.6675	74.4147	95.98143	224.37
Si	-61.1533	-41.2665	58.8396	95.99482	227.88
Si	-41.2665	-61.1533	-58.8396	95.99482	225.44
Si	-75.5684	5.9646	-57.109	96.02022	228.38
Si	-18.8939	58.6675	-74.4147	96.03177	231.77
Si	-18.8939	-55.6816	-74.4147	96.03177	225.8
Si	-58.6675	53.6957	-53.6478	96.03382	229.98
Si	73.0826	63.1392	17.3058	96.04603	244.11
Si	-80.5401	-28.8373	39.8032	96.09181	231.75
Si	-21.3797	-76.0684	-51.9173	96.09534	235.03
Si	-76.0684	-21.3797	-51.9173	96.09534	229.46
Si	68.1109	-51.2099	-44.995	96.12538	230.27
Si	46.2382	-63.1392	-55.3784	96.15725	229.85
Si	73.0826	53.1958	-38.0727	96.16549	238.44
Si	-23.8655	68.6109	64.0313	96.16587	233.13
Si	-66.125	-66.125	-10.3835	96.18824	230.84
Si	-65.6251	-63.6392	-22.4975	96.19324	228.59
Si	68.1109	38.2807	58.8396	96.19456	230.62
Si	33.809	65.6251	-64.0313	96.21467	230.93
Si	43.7524	30.8231	81.337	96.23843	239.5
Si	-33.309	81.0401	41.5338	96.2496	231.6
Si	81.0401	36.2948	41.5338	96.2496	227.46
Si	36.2948	-78.0543	41.5338	96.24961	237.01
Si	15.908	-65.6251	-67.4924	96.26963	231.85
Si	46.2382	-73.0826	41.5338	96.37792	235.08
Si	76.0684	-43.2524	-41.5338	96.37793	223.74
Si	-61.1533	53.1958	-51.9173	96.40092	230.39
Si	-50.7099	75.5684	32.8809	96.4027	234.55
Si	26.3514	81.0401	-48.4561	96.40382	236.45
Si	65.6251	63.6392	36.3421	96.41492	236.8
Si	53.1958	18.3939	-79.6064	96.41587	232.33
Si	35.7948	78.5542	-46.7255	96.42795	238.53
Si	78.5542	35.7948	46.7255	96.42795	226.57
Si	48.724	75.5684	39.8032	96.44825	237.33
Si	55.6816	18.8939	77.8759	96.45654	232.82
Si	-15.908	55.6816	-77.8759	96.45654	232.22
Si	48.724	-48.724	67.4924	96.47668	227.39
Si	-73.5825	-0.993	-60.5701	96.49478	228.17
Si	-60.6534	70.5968	25.9586	96.49534	233.03
Si	-60.6534	-18.8939	-70.9536	96.49967	229.67
Si	68.1109	48.2241	-51.9173	96.52546	237.73
Si	-60.6534	55.6816	-50.1867	96.52605	231.12
Si	-28.8373	-40.7666	-81.337	96.54786	226.13
Si	36.2948	-33.309	83.0676	96.55346	233.73
Si	78.0543	3.4788	58.8396	96.57995	228.59
Si	-68.6109	28.8373	-60.5701	96.59706	228.51
Si	-26.3514	78.0543	-51.9173	96.60412	243.82
Si	58.6675	0.993	-77.8759	96.61175	231.04
Si	-46.2382	28.3373	-79.6064	96.62332	235.27
Si	-46.2382	28.3373	79.6064	96.62332	234.78

Si	3.9787	70.5968	67.4924	96.62686	237
Si	18.8939	60.6534	74.4147	96.64525	234.58
Si	63.1392	-66.125	-31.1504	96.65811	232.5
Si	-53.1958	51.2099	-62.3007	96.66443	229.57
Si	80.5401	-45.7383	29.4198	96.66837	229.17
Si	73.0826	-51.2099	-38.0727	96.70676	226.83
Si	-58.6675	63.6392	43.2644	96.7121	228.33
Si	-76.0684	-56.1816	3.4611	96.71652	230.84
Si	-81.0401	-21.3797	44.995	96.74398	235.6
Si	50.7099	58.6675	-60.5701	96.74703	219.68
Si	-80.5401	45.7383	25.9586	96.75186	230.99
Si	56.1816	81.0401	6.9223	96.78083	249.48
Si	-78.0543	56.1816	6.9223	96.78084	236.98
Si	78.5542	-33.809	46.7255	96.78815	233.5
Si	31.3231	41.2665	83.0676	96.80912	240.4
Si	-61.1533	-11.4363	72.6842	96.82302	225.66
Si	-61.1533	-11.4363	-72.6842	96.82302	229.37
Si	-78.5542	53.6957	15.5752	96.82598	236.24
Si	6.4646	61.1533	-76.1453	96.86169	238.08
Si	-35.7948	-78.5542	39.8032	96.86185	231.45
Si	53.6957	25.8515	-77.8759	96.86655	233.99
Si	-56.1816	-26.3514	-72.6842	96.87435	223.91
Si	10.9363	-70.5968	64.0313	96.88189	226.48
Si	-5.9646	70.5968	67.4924	96.88233	238.61
Si	40.7666	-40.7666	77.8759	96.91714	228.48
Si	81.0401	1.4929	-55.3784	96.92535	231.92
Si	-53.1958	26.3514	-76.1453	96.9892	232.52
Si	75.5684	63.6392	8.6529	97.0784	242.28
Si	63.6392	-53.6957	-50.1867	97.09091	228.28
Si	-43.7524	73.5825	-46.7255	97.09441	236.14
Si	-55.6816	75.5684	25.9586	97.10801	233.82
Si	38.2807	43.2524	79.6064	97.13076	239.42
Si	-48.724	18.8939	-81.337	97.16093	234.71
Si	73.5825	-63.6392	-1.7306	97.17045	232.98
Si	28.3373	-71.0967	58.8396	97.22121	226.94
Si	73.0826	3.4788	65.7618	97.22988	224.18
Si	-70.5968	55.6816	-36.3421	97.23213	234.05
Si	-70.5968	65.6251	12.114	97.24506	233.02
Si	75.5684	18.8939	-60.5701	97.25596	229.46
Si	60.6534	78.5542	-5.1917	97.29011	241.36
Si	-56.1816	-41.2665	65.7618	97.36188	227.27
Si	78.5542	45.7383	39.8032	97.36734	232.37
Si	-1.4929	-76.0684	58.8396	97.40002	230.14
Si	-75.5684	-53.6957	-22.4975	97.41856	229.9
Si	-11.4363	78.0543	-58.8396	97.42128	238.46
Si	-73.0826	-38.2807	-48.4561	97.42401	225.81
Si	-38.2807	-73.0826	48.4561	97.42401	228.42
Si	81.0401	11.4363	55.3784	97.43406	231.76
Si	-8.4505	81.0401	55.3784	97.43406	233.48
Si	-68.6109	68.6109	8.6529	97.43834	233.42
Si	63.6392	75.5684	12.114	97.4479	242.88
Si	-51.2099	-71.0967	-38.0727	97.44928	229.97
Si	-26.3514	-71.0967	-58.8396	97.50204	232.01
Si	56.1816	-78.0543	-13.8446	97.52069	242.49
Si	50.7099	-80.5401	-19.0363	97.54036	248.96
Si	-80.5401	-28.8373	-43.2644	97.57636	230.48
Si	70.5968	-65.6251	15.5752	97.58457	231.76
Si	73.5825	-13.9222	-64.0313	97.64499	225.33
Si	-70.5968	-13.9222	-64.0313	97.645	230.25
Si	-55.6816	80.5401	5.1917	97.69519	225.72
Si	-66.125	-46.2382	51.9173	97.70281	226.54
Si	-60.6534	50.7099	-57.109	97.70317	229.98

Si	-75.5684	55.6816	25.9586	97.71756	231.16
Si	-23.8655	-80.5401	-46.7255	97.7535	240.41
Si	3.9787	55.6816	81.337	97.76661	240.04
Si	71.0967	56.1816	41.5338	97.77832	235.24
Si	56.1816	-68.1109	41.5338	97.77832	235.71
Si	-58.1675	-33.309	69.223	97.78732	226.64
Si	60.6534	73.5825	29.4198	97.78752	248.78
Si	81.0401	-28.3373	48.4561	97.80384	232.47
Si	-28.3373	81.0401	48.4561	97.80384	231.55
Si	-28.3373	-78.0543	48.4561	97.80385	230.29
Si	-13.9222	-50.7099	-81.337	97.86967	225.49
Si	-13.9222	53.6957	-81.337	97.86967	232.21
Si	-55.6816	-73.5825	25.9586	97.87289	228.01
Si	66.125	-23.3656	69.223	97.91362	222.05
Si	78.0543	-46.2382	38.0727	97.92566	230.46
Si	58.6675	80.5401	-8.6529	97.94013	240.16
Si	-58.1675	-68.1109	-34.6115	97.98984	230.9
Si	-1.4929	-71.0967	65.7618	97.99381	227.99
Si	48.724	65.6251	-57.109	98.00586	219.31
Si	-73.5825	-40.7666	-46.7255	98.00744	226.13
Si	-6.4646	58.1675	-79.6064	98.04346	232.81
Si	38.2807	-81.0401	-38.0727	98.05389	240.65
Si	73.0826	-11.4363	65.7618	98.06564	223.24
Si	56.1816	-58.1675	-55.3784	98.06623	227.57
Si	33.309	-56.1816	-72.6842	98.08974	232.71
Si	58.6675	75.5684	-29.4198	98.08996	238.11
Si	-53.6957	33.809	-74.4147	98.12067	231.74
Si	-38.2807	81.0401	41.5338	98.15678	230.94
Si	35.7948	73.5825	57.109	98.15791	234.81
Si	73.5825	35.7948	-57.109	98.15791	226.88
Si	35.7948	-70.5968	57.109	98.15792	226.54
Si	-63.1392	41.2665	-62.3007	98.18668	224.1
Si	-43.7524	-80.5401	29.4198	98.19408	233.17
Si	43.2524	68.1109	-58.8396	98.20339	221.53
Si	-16.408	78.0543	-58.8396	98.20481	238.33
Si	75.5684	-20.8798	-60.5701	98.26731	226.01
Si	-71.0967	63.1392	-24.2281	98.26757	239.1
Si	65.6251	3.9787	-74.4147	98.26833	229.54
Si	-73.0826	-13.4222	-62.3007	98.31247	228.83
Si	3.4788	-56.1816	-79.6064	98.32334	228.91
Si	65.6251	-70.5968	-19.0363	98.34751	231.67
Si	-46.2382	-81.0401	24.2281	98.3715	235.07
Si	78.5542	60.6534	-15.5752	98.39206	236.59
Si	53.6957	-73.5825	-36.3421	98.39821	228.56
Si	-73.5825	53.6957	36.3421	98.39821	227.89
Si	-56.1816	-31.3231	-72.6842	98.41861	225.49
Si	-80.5401	55.6816	5.1917	98.452	239.64
Si	-63.6392	-55.6816	-46.7255	98.46008	225.46
Si	-38.7807	73.5825	-53.6478	98.47317	233.85
Si	-70.5968	-38.7807	53.6478	98.47318	226.89
Si	-38.7807	-70.5968	-53.6478	98.47318	225.02
Si	58.1675	63.1392	51.9173	98.52755	231.44
Si	-71.0967	43.2524	51.9173	98.53176	225.83
Si	-66.125	73.0826	-3.4611	98.5355	222.99
Si	58.6675	20.8798	-77.8759	98.53644	232.31
Si	-63.1392	-48.2241	-55.3784	98.56904	222.15
Si	68.1109	-71.0967	3.4611	98.58594	233.53
Si	-5.9646	-78.5542	-57.109	98.61337	231.92
Si	48.724	45.7383	74.4147	98.62041	233.68
Si	-21.3797	-61.1533	-72.6842	98.64425	226.06
Si	11.4363	71.0967	-69.223	98.66805	239.66
Si	-68.1109	11.4363	69.223	98.66805	226.23

Si	11.4363	-68.1109	69.223	98.66805	225.53
Si	71.0967	-68.1109	6.9223	98.67774	230.64
Si	8.9505	-58.6675	-77.8759	98.68908	227.98
Si	-73.5825	63.6392	15.5752	98.69684	232.59
Si	-73.5825	-60.6534	15.5752	98.69684	229.49
Si	-60.6534	-73.5825	-15.5752	98.69684	227.51
Si	-71.0967	33.309	58.8396	98.70971	224.93
Si	0.993	-70.5968	-67.4924	98.75422	225.86
Si	-58.1675	21.3797	76.1453	98.75705	230.07
Si	61.1533	21.3797	-76.1453	98.75705	233.57
Si	53.6957	-18.8939	81.337	98.77484	233.73
Si	-48.2241	-73.0826	41.5338	98.78432	227.38
Si	-48.2241	76.0684	-41.5338	98.78433	236.96
Si	-58.6675	58.6675	-53.6478	98.82452	231.22
Si	-28.8373	-45.7383	-81.337	98.82515	226.73
Si	21.3797	51.2099	83.0676	98.83062	240.93
Si	8.4505	68.1109	-72.6842	98.84003	238.73
Si	-73.5825	58.6675	29.4198	98.84724	230.48
Si	-3.9787	-70.5968	-67.4924	98.90442	226.82
Si	68.1109	-6.4646	72.6842	98.91545	225.22
Si	-53.1958	-43.2524	69.223	98.91825	226.97
Si	-43.2524	56.1816	69.223	98.91825	228.94
Si	-63.1392	-68.1109	-27.6892	98.9378	230.24
Si	-18.3939	81.0401	55.3784	98.94447	230.84
Si	-43.2524	-28.3373	83.0676	98.95559	225.88
Si	-41.2665	-71.0967	51.9173	98.95967	229.22
Si	75.5684	-50.7099	-39.8032	98.97788	227.33
Si	23.3656	78.0543	-58.8396	99.00584	233.72
Si	-61.1533	68.1109	38.0727	99.0557	231.73
Si	-15.908	80.5401	-57.109	99.05905	237.68
Si	68.1109	-71.0967	10.3835	99.0708	234.98
Si	-60.6534	-18.8939	74.4147	99.07234	230.88
Si	-43.7524	-45.7383	-74.4147	99.07304	225.14
Si	53.1958	73.0826	44.995	99.11014	236.43
Si	60.6534	-45.7383	64.0313	99.15011	222.47
Si	48.2241	-56.1816	65.7618	99.17043	225.14
Si	-45.7383	40.7666	-77.8759	99.18595	231.79
Si	-73.0826	21.3797	-62.3007	99.18854	223.78
Si	36.2948	76.0684	-55.3784	99.19398	235.16
Si	-70.5968	10.9363	67.4924	99.20345	227.03
Si	63.6392	65.6251	-43.2644	99.23152	232.35
Si	65.6251	63.6392	43.2644	99.23152	234.2
Si	-80.5401	-33.809	-43.2644	99.23431	229.49
Si	38.2807	58.1675	-72.6842	99.23879	230.1
Si	51.2099	-38.2807	76.1453	99.25637	226.77
Si	-38.2807	51.2099	-76.1453	99.25637	230.97
Si	66.125	31.3231	-69.223	99.29236	227.03
Si	-13.4222	-68.1109	69.223	99.29236	223.68
Si	-53.1958	-53.1958	62.3007	99.31307	224.01
Si	-35.7948	55.6816	74.4147	99.31943	231.73
Si	18.8939	60.6534	-77.8759	99.3348	237.91
Si	-53.6957	53.6957	64.0313	99.35255	225.89
Si	55.6816	58.6675	-60.5701	99.36846	220.58
Si	28.8373	80.5401	53.6478	99.36936	233.66
Si	50.7099	38.7807	77.8759	99.38484	235.16
Si	-48.724	28.8373	-81.337	99.42417	233.83
Si	81.0401	36.2948	48.4561	99.43301	225.26
Si	-73.0826	-58.1675	27.6892	99.43621	228.25
Si	68.1109	-11.4363	-72.6842	99.43897	228.08
Si	-51.2099	-26.3514	-79.6064	99.44887	224.28
Si	-73.5825	-10.9363	64.0313	99.45257	220.47
Si	43.7524	-43.7524	-77.8759	99.48691	229.76

Si	48.724	75.5684	46.7255	99.50499	233.58
Si	28.8373	-58.6675	74.4147	99.52152	229.18
Si	-55.6816	5.9646	81.337	99.52204	228.7
Si	-40.7666	80.5401	-43.2644	99.52957	235.65
Si	-41.2665	43.2524	-79.6064	99.54602	232.14
Si	-31.3231	-81.0401	44.995	99.56471	232.06
Si	-31.3231	-81.0401	-44.995	99.56471	238.2
Si	71.0967	-43.2524	-55.3784	99.56705	223.9
Si	-16.408	-71.0967	-65.7618	99.57064	228.88
Si	33.809	70.5968	-64.0313	99.59756	230.16
Si	73.0826	-51.2099	-44.995	99.63541	229.12
Si	76.0684	66.125	-13.8446	99.65183	238.1
Si	61.1533	-38.2807	69.223	99.66507	222.77
Si	-10.9363	-63.6392	74.4147	99.67057	224.49
Si	-58.1675	81.0401	-6.9223	99.67466	224.4
Si	36.2948	-68.1109	62.3007	99.6857	225.97
Si	53.1958	-66.125	51.9173	99.70342	229.05
Si	-71.0967	-66.125	10.3835	99.74591	228.72
Si	-76.0684	-61.1533	3.4611	99.76113	230.86
Si	-76.0684	23.3656	-58.8396	99.78108	226.4
Si	-81.0401	48.2241	-31.1504	99.82908	240.1
Si	53.6957	35.7948	-77.8759	99.83192	234.44
Si	26.3514	61.1533	76.1453	99.877	235.93
Si	20.8798	-75.5684	-60.5701	99.91518	231.39
Si	65.6251	73.5825	-25.9586	99.91847	238.04
Si	-16.408	-56.1816	-79.6064	99.91985	225.77
Si	-36.2948	78.0543	51.9173	99.92478	230.46
Si	58.6675	-73.5825	32.8809	99.93201	232.35
Si	78.5542	35.7948	53.6478	99.96581	226.25
Si	-41.2665	-41.2665	-79.6064	99.96959	224.29
Si	51.2099	81.0401	-34.6115	99.98746	231.91
Si	51.2099	81.0401	34.6115	99.98746	240.77
Si	70.5968	-70.5968	-5.1917	99.99608	234.3
Si	-33.309	56.1816	76.1453	100.0007	230.28
Si	-53.1958	-33.309	-76.1453	100.0007	224.32
Si	48.2241	73.0826	-51.9173	100.0215	223.44
Si	-23.3656	81.0401	55.3784	100.0623	229.83
Si	26.3514	81.0401	-55.3784	100.0623	233.6
Si	-80.5401	-18.8939	53.6478	100.1156	230.54
Si	-63.6392	28.8373	70.9536	100.1215	226.74
Si	-78.5542	-55.6816	-19.0363	100.1941	229.77
Si	-51.2099	63.1392	58.8396	100.1995	227.45
Si	73.5825	35.7948	60.5701	100.2112	229.62
Si	-65.6251	0.993	74.4147	100.2129	225.29
Si	63.6392	-23.8655	74.4147	100.2136	223.27
Si	28.3373	78.0543	58.8396	100.2216	235.57
Si	-48.724	78.5542	-39.8032	100.2222	236.76
Si	-61.1533	-76.0684	10.3835	100.2403	227.65
Si	46.2382	-78.0543	41.5338	100.2744	235.72
Si	-43.2524	-78.0543	41.5338	100.2744	228.14
Si	5.9646	78.5542	64.0313	100.2918	232.13
Si	65.6251	38.7807	-67.4924	100.2923	227.08
Si	-68.6109	-30.8231	64.0313	100.2939	225.25
Si	-23.3656	-73.0826	-62.3007	100.3037	233.42
Si	-75.5684	-58.6675	-22.4975	100.3188	230.85
Si	41.2665	-38.2807	83.0676	100.32	229.51
Si	-76.0684	38.2807	51.9173	100.322	227.36
Si	-20.8798	60.6534	-77.8759	100.3252	232.27
Si	-3.9787	-65.6251	-74.4147	100.3609	225.1
Si	28.8373	70.5968	67.4924	100.3907	234.92
Si	45.7383	78.5542	-46.7255	100.3961	227.91
Si	68.1109	48.2241	58.8396	100.4184	227.31

Si	61.1533	66.125	48.4561	100.4224	231.17
Si	-58.1675	66.125	-48.4561	100.4224	222.99
Si	81.0401	56.1816	-27.6892	100.4256	237.26
Si	48.724	-33.809	81.337	100.4625	225.38
Si	-33.809	48.724	-81.337	100.4625	231.71
Si	-45.7383	-33.809	81.337	100.4625	224.45
Si	-26.3514	78.0543	58.8396	100.494	230.67
Si	56.1816	16.408	83.0676	100.5661	234.31
Si	-43.2524	-33.309	83.0676	100.5661	226.57
Si	16.408	56.1816	83.0676	100.5661	239.63
Si	-60.6534	80.5401	-1.7306	100.5665	222.73
Si	-68.6109	73.5825	-5.1917	100.6897	223.97
Si	75.5684	38.7807	57.109	100.6926	227.97
Si	75.5684	-35.7948	57.109	100.6926	224.51
Si	18.3939	-66.125	-72.6842	100.7016	231.35
Si	63.6392	-33.809	-70.9536	100.7114	223.46
Si	-71.0967	48.2241	51.9173	100.7395	226.52
Si	-78.5542	23.8655	57.109	100.844	227.02
Si	-30.8231	-48.724	81.337	100.9048	226.84
Si	-58.1675	61.1533	55.3784	100.9232	225.31
Si	-75.5684	-63.6392	5.1917	101.0326	230.4
Si	78.5542	-63.6392	5.1917	101.0326	230.83
Si	76.0684	-38.2807	-55.3784	101.0456	222.96
Si	-38.2807	76.0684	55.3784	101.0456	229.4
Si	76.0684	-38.2807	55.3784	101.0456	226.88
Si	-25.8515	-68.6109	67.4924	101.0815	225.71
Si	80.5401	43.7524	-46.7255	101.0822	232.79
Si	80.5401	-40.7666	-46.7255	101.0822	222.41
Si	73.0826	-26.3514	65.7618	101.1188	218.65
Si	-55.6816	70.5968	46.7255	101.1313	228.06
Si	70.5968	58.6675	-46.7255	101.1313	228.65
Si	28.3373	-81.0401	-51.9173	101.1322	233.8
Si	-10.9363	-78.5542	60.5701	101.1473	229.13
Si	81.0401	6.4646	-62.3007	101.1625	228.51
Si	-45.7383	75.5684	-50.1867	101.1764	233.91
Si	-51.2099	-76.0684	38.0727	101.2071	229.03
Si	-21.3797	68.1109	-72.6842	101.2131	230.95
Si	-5.9646	-73.5825	67.4924	101.2283	228.87
Si	31.3231	-58.1675	-76.1453	101.229	230.88
Si	-66.125	38.2807	-65.7618	101.243	225.52
Si	38.2807	-66.125	65.7618	101.243	227.33
Si	-48.2241	56.1816	69.223	101.2643	229.17
Si	78.5542	-63.6392	-8.6529	101.2695	229.78
Si	65.6251	58.6675	-53.6478	101.2914	231.43
Si	-28.3373	51.2099	83.0676	101.3008	230.42
Si	3.4788	-61.1533	79.6064	101.3197	226.64
Si	46.2382	-48.2241	76.1453	101.351	226.3
Si	60.6534	-70.5968	-39.8032	101.3961	227.13
Si	31.3231	-78.0543	55.3784	101.4119	231.59
Si	68.6109	-68.6109	-29.4198	101.4144	231.88
Si	-45.7383	-48.724	74.4147	101.44	225.45
Si	71.0967	41.2665	-62.3007	101.5283	226.5
Si	70.5968	-20.8798	70.9536	101.5396	219
Si	-63.6392	3.9787	77.8759	101.553	225.71
Si	-63.6392	-0.993	77.8759	101.553	225.96
Si	-78.0543	61.1533	20.7669	101.5795	232.64
Si	-73.0826	-58.1675	34.6115	101.5816	227.89
Si	61.1533	76.0684	-34.6115	101.5816	236.22
Si	68.6109	55.6816	53.6478	101.5841	227.61
Si	68.6109	-63.6392	39.8032	101.643	230.38
Si	31.3231	-73.0826	-62.3007	101.65	229.47
Si	75.5684	28.8373	64.0313	101.6607	229.3

Si	78.0543	33.309	58.8396	101.6662	228.57
Si	3.4788	-76.0684	65.7618	101.707	228.04
Si	25.8515	-70.5968	-67.4924	101.7128	229.59
Si	-1.4929	-76.0684	65.7618	101.7315	229.8
Si	-43.7524	-55.6816	70.9536	101.7373	223.4
Si	-56.1816	43.2524	72.6842	101.7506	224.1
Si	-73.0826	1.4929	-69.223	101.7513	225.61
Si	-63.1392	21.3797	76.1453	101.8376	230.51
Si	-40.7666	-48.724	-77.8759	101.8443	223.71
Si	78.0543	-61.1533	24.2281	101.8489	230.79
Si	-80.5401	-58.6675	5.1917	101.8609	230.42
Si	-78.5542	-40.7666	-46.7255	101.866	223.88
Si	-73.0826	6.4646	69.223	101.8727	226.81
Si	-3.4788	76.0684	-69.223	101.8727	232.48
Si	-68.1109	51.2099	-55.3784	101.8982	227.63
Si	-45.7383	-73.5825	-50.1867	101.9108	226.5
Si	-58.6675	13.9222	-81.337	101.9287	226.67
Si	38.7807	55.6816	-77.8759	101.9385	230.73
Si	71.0967	76.0684	0	102.0108	239.75
Si	-68.6109	48.724	57.109	102.0135	223.56
Si	78.5542	20.8798	-64.0313	102.0505	229.41
Si	-1.4929	73.0826	-72.6842	102.0636	233.5
Si	-20.8798	80.5401	60.5701	102.0674	232.07
Si	73.5825	-53.6957	46.7255	102.1077	228.47
Si	50.7099	38.7807	-81.337	102.1196	233.22
Si	-66.125	-71.0967	24.2281	102.1197	222.41
Si	-61.1533	-11.4363	-79.6064	102.122	231.76
Si	-61.1533	48.2241	65.7618	102.1419	220.72
Si	38.2807	63.1392	72.6842	102.1597	225.46
Si	58.6675	60.6534	60.5701	102.1647	230.17
Si	-41.2665	-56.1816	-72.6842	102.1651	224.14
Si	-73.0826	71.0967	-6.9223	102.2454	225.95
Si	-65.6251	-28.8373	-70.9536	102.27	224.09
Si	73.5825	-13.9222	-70.9536	102.3179	227.28
Si	-13.9222	-70.5968	70.9536	102.3179	224.93
Si	-6.4646	73.0826	-72.6842	102.3298	232.61
Si	70.5968	-70.5968	22.4975	102.3641	231.92
Si	18.8939	65.6251	-77.8759	102.3737	238.33
Si	80.5401	13.9222	64.0313	102.4839	226.99
Si	-73.5825	68.6109	-19.0363	102.4867	235.49
Si	-63.1392	81.0401	0	102.4942	223.79
Si	-23.3656	56.1816	83.0676	102.5135	231.54
Si	-36.2948	63.1392	72.6842	102.524	229.93
Si	78.5542	5.9646	67.4924	102.5362	226.19
Si	-75.5684	5.9646	67.4924	102.5362	227.83
Si	33.809	-68.6109	67.4924	102.5382	224.54
Si	35.7948	-50.7099	-81.337	102.5547	230.79
Si	53.6957	35.7948	81.337	102.5547	233.7
Si	31.3231	-68.1109	69.223	102.598	224.67
Si	31.3231	-68.1109	-69.223	102.598	226.51
Si	-31.3231	73.0826	65.7618	102.5992	229.1
Si	-35.7948	65.6251	-70.9536	102.6534	229.62
Si	-15.908	-58.6675	81.337	102.6536	224.47
Si	75.5684	23.8655	-67.4924	102.6789	226.91
Si	-35.7948	75.5684	60.5701	102.6952	229.1
Si	-58.6675	-35.7948	-74.4147	102.6995	224
Si	66.125	41.2665	-69.223	102.7184	225.21
Si	66.125	81.0401	-6.9223	102.7277	237.99
Si	-63.1392	-78.0543	6.9223	102.7277	226.96
Si	18.3939	-81.0401	-58.8396	102.7591	230.74
Si	-71.0967	-1.4929	-72.6842	102.7675	227.34
Si	33.309	58.1675	-79.6064	102.769	229.8

Si	-78.5542	8.9505	64.0313	102.7773	227.36
Si	78.5542	-53.6957	39.8032	102.8034	230.48
Si	36.2948	-58.1675	76.1453	102.8039	229.89
Si	60.6534	73.5825	43.2644	102.8041	234.84
Si	53.1958	68.1109	-58.8396	102.8263	219.85
Si	-73.0826	-13.4222	69.223	102.8387	222.39
Si	-78.5542	-20.8798	-60.5701	102.8437	225.69
Si	33.809	55.6816	81.337	102.9391	229.55
Si	-70.5968	-48.724	53.6478	102.9405	226.94
Si	-55.6816	80.5401	32.8809	102.9493	231.44
Si	68.6109	70.5968	-36.3421	102.9607	232.43
Si	36.2948	81.0401	55.3784	102.984	233.23
Si	36.2948	-78.0543	-55.3784	102.984	232.62
Si	20.8798	73.5825	70.9536	102.9912	234.95
Si	33.809	60.6534	-77.8759	102.9997	229.49
Si	-15.908	70.5968	74.4147	103.0325	234.24
Si	60.6534	23.8655	-81.337	103.035	234.65
Si	75.5684	-55.6816	43.2644	103.0918	228.51
Si	46.2382	-73.0826	55.3784	103.1039	226.67
Si	65.6251	-70.5968	36.3421	103.1048	230.67
Si	63.6392	-78.5542	19.0363	103.112	232.24
Si	63.1392	78.0543	31.1504	103.1129	249.01
Si	-36.2948	-61.1533	-72.6842	103.1283	225.69
Si	-71.0967	53.1958	51.9173	103.1399	225.55
Si	-65.6251	10.9363	-77.8759	103.2407	226.24
Si	-16.408	-76.0684	-65.7618	103.2512	229.66
Si	-76.0684	-16.408	-65.7618	103.2512	227.39
Si	23.3656	78.0543	-65.7618	103.27	231.01
Si	-31.3231	-71.0967	65.7618	103.2994	225.44
Si	38.2807	78.0543	58.8396	103.33	232.51
Si	73.0826	18.3939	72.6842	103.4104	225.09
Si	13.4222	-71.0967	72.6842	103.4144	226.6
Si	55.6816	-65.6251	57.109	103.4537	227.54
Si	-65.6251	55.6816	-57.109	103.4537	230.06
Si	78.0543	-21.3797	65.7618	103.4864	219.16
Si	-45.7383	50.7099	-77.8759	103.5266	231.3
Si	70.5968	38.7807	-67.4924	103.542	228.39
Si	-81.0401	-56.1816	24.2281	103.5618	229.38
Si	75.5684	53.6957	50.1867	103.5907	228.25
Si	-80.5401	50.7099	39.8032	103.6148	231.36
Si	50.7099	-80.5401	-39.8032	103.6148	229.9
Si	71.0967	11.4363	76.1453	103.642	227.48
Si	58.1675	58.1675	-65.7618	103.6757	220.87
Si	-78.5542	58.6675	-32.8809	103.719	233.98
Si	-53.6957	73.5825	50.1867	103.7372	228.01
Si	58.6675	-73.5825	-43.2644	103.8126	227.14
Si	-73.5825	58.6675	43.2644	103.8126	229.93
Si	68.1109	3.4788	79.6064	103.8224	225.97
Si	78.5542	35.7948	60.5701	103.8452	229.61
Si	80.5401	-60.6534	-25.9586	103.8483	227.24
Si	30.8231	-60.6534	77.8759	103.8608	230.05
Si	-75.5684	70.5968	-8.6529	103.8685	225.28
Si	68.1109	-31.3231	72.6842	103.9126	220.64
Si	-48.2241	-58.1675	69.223	104.0335	224.29
Si	51.2099	61.1533	-69.223	104.0335	220.34
Si	63.1392	43.2524	72.6842	104.0534	227.85
Si	80.5401	-65.6251	8.6529	104.0584	230.94
Si	-70.5968	70.5968	-29.4198	104.1047	230.85
Si	50.7099	63.6392	-67.4924	104.1139	219.26
Si	50.7099	-60.6534	-67.4924	104.1139	222.58
Si	-33.309	71.0967	-69.223	104.1522	230.22
Si	63.6392	65.6251	53.6478	104.1786	232.48

Si	-53.6957	-75.5684	43.2644	104.1923	230.88
Si	80.5401	-5.9646	-67.4924	104.208	224.57
Si	-81.0401	38.2807	51.9173	104.2134	226.63
Si	-68.1109	16.408	-76.1453	104.2365	226.33
Si	-46.2382	73.0826	-58.8396	104.2374	229.18
Si	-80.5401	45.7383	46.7255	104.261	227.79
Si	-16.408	-71.0967	72.6842	104.2721	222.71
Si	-23.8655	-70.5968	70.9536	104.2803	225.82
Si	73.0826	-36.2948	65.7618	104.2958	222.84
Si	-75.5684	-58.6675	-36.3421	104.2999	228.22
Si	-58.6675	78.5542	36.3421	104.2999	233.56
Si	-76.0684	-66.125	-17.3058	104.3428	228.65
Si	65.6251	-70.5968	-39.8032	104.375	226.36
Si	-45.7383	65.6251	67.4924	104.398	224.49
Si	56.1816	76.0684	48.4561	104.4048	235.32
Si	-68.1109	56.1816	55.3784	104.4141	223.81
Si	-36.2948	-76.0684	-58.8396	104.4306	228.43
Si	43.7524	80.5401	53.6478	104.4625	230.25
Si	80.5401	-40.7666	-53.6478	104.4625	223
Si	-63.1392	81.0401	-20.7669	104.5769	227.53
Si	81.0401	66.125	-20.7669	104.5769	234.69
Si	66.125	-73.0826	-34.6115	104.579	227.05
Si	-63.1392	76.0684	34.6115	104.579	230.66
Si	28.8373	-73.5825	67.4924	104.5909	224.38
Si	61.1533	41.2665	76.1453	104.5916	228.56
Si	-51.2099	-41.2665	-79.6064	104.6095	224.44
Si	-41.2665	-51.2099	-79.6064	104.6095	224.64
Si	38.2807	-71.0967	-65.7618	104.6289	226.95
Si	70.5968	78.5542	15.5752	104.6727	233.5
Si	78.5542	-28.8373	-64.0313	104.6822	223.31
Si	-80.5401	-43.7524	46.7255	104.6892	226.28
Si	80.5401	-30.8231	-60.5701	104.6974	224.3
Si	-65.6251	-28.8373	74.4147	104.701	224.5
Si	-38.7807	-50.7099	-81.337	104.7034	223.44
Si	-73.0826	-23.3656	69.223	104.7438	224.62
Si	73.5825	-13.9222	74.4147	104.7478	222.3
Si	81.0401	41.2665	55.3784	104.7686	225.48
Si	-78.0543	41.2665	-55.3784	104.7686	227.52
Si	-78.0543	-38.2807	-55.3784	104.7686	224.16
Si	-38.2807	-78.0543	-55.3784	104.7686	229.57
Si	-68.6109	-70.5968	29.4198	104.7711	224.14
Si	75.5684	-45.7383	57.109	104.7826	223.68
Si	-78.5542	-65.6251	8.6529	104.82	230.73
Si	-80.5401	65.6251	12.114	104.8289	233.23
Si	-46.2382	-76.0684	51.9173	104.8304	223.27
Si	-76.0684	-46.2382	-51.9173	104.8304	222.32
Si	-68.6109	33.809	70.9536	104.8488	223.93
Si	70.5968	-10.9363	77.8759	104.8546	223.98
Si	80.5401	-65.6251	15.5752	104.8612	230.73
Si	61.1533	61.1533	-62.3007	104.8814	220.3
Si	-58.6675	68.6109	-53.6478	104.8913	225.94
Si	-3.9787	-75.5684	70.9536	104.8942	230.14
Si	-53.6957	63.6392	64.0313	104.9188	226.6
Si	-56.1816	38.2807	79.6064	104.9613	228.06
Si	-66.125	78.0543	24.2281	104.9801	231.05
Si	-66.125	78.0543	-24.2281	104.9801	231.08
Si	-20.8798	75.5684	-70.9536	104.9863	230.03
Si	-61.1533	-51.2099	65.7618	105.0083	222.01
Si	-63.6392	48.724	-67.4924	105.0152	226.8
Si	73.0826	58.1675	51.9173	105.0357	228.61
Si	-41.2665	-61.1533	72.6842	105.0519	225.86
Si	71.0967	-18.3939	-76.1453	105.0632	224.28

Si	81.0401	-53.1958	41.5338	105.0889	231.09
Si	55.6816	78.5542	-46.7255	105.1577	226.42
Si	-76.0684	28.3373	65.7618	105.1713	222.88
Si	-61.1533	73.0826	-44.995	105.2339	225.47
Si	-21.3797	-71.0967	-72.6842	105.2397	228.19
Si	61.1533	-78.0543	-34.6115	105.2857	228.22
Si	-78.0543	-58.1675	-34.6115	105.2857	228.69
Si	78.5542	-68.6109	-15.5752	105.3355	227.42
Si	-16.408	68.1109	-79.6064	105.3356	231.57
Si	28.8373	80.5401	-64.0313	105.3384	230.67
Si	81.0401	31.3231	-62.3007	105.3517	225.08
Si	76.0684	-48.2241	55.3784	105.3568	224.58
Si	55.6816	68.6109	-60.5701	105.4039	218.36
Si	68.6109	80.5401	19.0363	105.4309	235.14
Si	-76.0684	-26.3514	-65.7618	105.4309	225.29
Si	-78.5542	33.809	-60.5701	105.4543	227.12
Si	-73.0826	-73.0826	0	105.4657	226.77
Si	68.6109	65.6251	-50.1867	105.5294	227.92
Si	-3.4788	81.0401	-69.223	105.5666	231.99
Si	-66.125	73.0826	-38.0727	105.5784	226.61
Si	-56.1816	73.0826	51.9173	105.5786	228.5
Si	81.0401	51.2099	48.4561	105.5819	227.4
Si	81.0401	-48.2241	48.4561	105.5819	227.21
Si	-48.2241	81.0401	48.4561	105.5819	223.76
Si	-78.0543	51.2099	48.4561	105.5819	228.5
Si	-48.2241	-78.0543	48.4561	105.5819	223.93
Si	63.1392	33.309	79.6064	105.5922	229.76
Si	-28.8373	-70.5968	70.9536	105.5995	225.3
Si	70.5968	-65.6251	43.2644	105.6029	226.64
Si	-65.6251	-78.5542	-15.5752	105.617	226.24
Si	-71.0967	68.1109	38.0727	105.6254	230.12
Si	53.6957	80.5401	46.7255	105.6261	232.16
Si	80.5401	-50.7099	-46.7255	105.6261	225
Si	78.5542	-53.6957	46.7255	105.6765	228
Si	-35.7948	-63.6392	74.4147	105.6888	227.65
Si	-73.5825	-20.8798	70.9536	105.6942	223.88
Si	76.0684	-68.1109	27.6892	105.7019	232.66
Si	-60.6534	-33.809	-77.8759	105.7025	224.1
Si	63.1392	-61.1533	58.8396	105.7682	222.89
Si	55.6816	-50.7099	-74.4147	105.8258	220.24
Si	55.6816	53.6957	-74.4147	105.8258	222.66
Si	-66.125	38.2807	72.6842	105.8702	222.8
Si	81.0401	71.0967	6.9223	105.9262	229.43
Si	71.0967	-78.0543	-6.9223	105.9262	236.8
Si	58.6675	50.7099	74.4147	105.966	226.04
Si	50.7099	-55.6816	-74.4147	105.966	221.2
Si	33.809	-73.5825	67.4924	105.9994	225.19
Si	65.6251	-60.6534	57.109	106.0025	223.19
Si	43.7524	-68.6109	67.4924	106.0925	228.84
Si	53.1958	73.0826	-58.8396	106.1149	220.73
Si	71.0967	-23.3656	76.1453	106.1166	220.29
Si	63.1392	-76.0684	38.0727	106.1393	231.21
Si	-63.6392	-65.6251	50.1867	106.14	221.32
Si	63.1392	48.2241	-72.6842	106.1464	223.82
Si	-45.7383	50.7099	81.337	106.1547	231.34
Si	81.0401	66.125	27.6892	106.1685	231.31
Si	-78.0543	-63.1392	-27.6892	106.1685	228.28
Si	-36.2948	-66.125	72.6842	106.2218	226.53
Si	-56.1816	-71.0967	-51.9173	106.2591	225.41
Si	-70.5968	70.5968	-36.3421	106.2686	227.45
Si	53.6957	-53.6957	74.4147	106.3413	218.79
Si	-50.7099	-53.6957	74.4147	106.3413	223.3

Si	-80.5401	60.6534	32.8809	106.351	232.52
Si	-65.6251	75.5684	-36.3421	106.3614	227.48
Si	-73.0826	-73.0826	-13.8446	106.3705	224.82
Si	76.0684	76.0684	13.8446	106.3705	233.35
Si	13.9222	-73.5825	74.4147	106.4348	226.11
Si	78.0543	-51.2099	-51.9173	106.4642	225.01
Si	-5.9646	80.5401	-70.9536	106.4824	232.08
Si	-20.8798	70.5968	-77.8759	106.4919	232.63
Si	16.408	81.0401	-69.223	106.499	232.56
Si	16.408	-78.0543	69.223	106.499	227.04
Si	-58.1675	-28.3373	83.0676	106.5337	223.75
Si	45.7383	-60.6534	-74.4147	106.5709	220.77
Si	1.4929	-73.0826	76.1453	106.5815	227.86
Si	46.2382	61.1533	-76.1453	106.5815	223.11
Si	-76.0684	-56.1816	44.995	106.6145	226.19
Si	-63.1392	-68.1109	-48.4561	106.6302	224.53
Si	-75.5684	65.6251	-36.3421	106.6402	228.22
Si	-41.2665	58.1675	79.6064	106.6657	229.22
Si	6.4646	-73.0826	-76.1453	106.6974	229.43
Si	48.724	75.5684	60.5701	106.7085	229.21
Si	-51.2099	-56.1816	-72.6842	106.7095	223.99
Si	81.0401	46.2382	55.3784	106.7552	224.64
Si	-78.0543	46.2382	55.3784	106.7552	225.1
Si	78.5542	-28.8373	67.4924	106.8344	217.17
Si	-25.8515	-73.5825	-70.9536	106.8571	227.96
Si	-63.1392	-63.1392	-55.3784	106.8709	223.27
Si	-55.6816	40.7666	81.337	106.8974	228.52
Si	-65.6251	30.8231	-77.8759	106.9099	221.31
Si	-58.6675	-80.5401	-32.8809	106.9104	227.92
Si	53.1958	68.1109	-65.7618	106.9382	218.58
Si	43.7524	65.6251	74.4147	106.9409	223.8
Si	13.9222	80.5401	-70.9536	106.9456	234.41
Si	73.0826	-76.0684	17.3058	106.9595	231.45
Si	-63.1392	51.2099	69.223	106.9622	219.53
Si	66.125	51.2099	69.223	106.9622	224.83
Si	-43.2524	-73.0826	-62.3007	106.9814	224.6
Si	63.6392	-43.7524	74.4147	106.9899	219.46
Si	-8.4505	76.0684	-76.1453	107.0443	232.33
Si	-61.1533	58.1675	65.7618	107.0569	221.82
Si	-60.6534	60.6534	-64.0313	107.0613	229.63
Si	3.4788	73.0826	79.6064	107.0804	233.46
Si	-73.0826	-58.1675	48.4561	107.0928	223.84
Si	-68.1109	-58.1675	55.3784	107.1019	221.77
Si	-80.5401	-23.8655	-64.0313	107.1096	225.45
Si	-73.5825	18.8939	-74.4147	107.1292	225.89
Si	73.5825	-33.809	-70.9536	107.1333	220.04
Si	50.7099	68.6109	-67.4924	107.1558	219.41
Si	53.6957	80.5401	-50.1867	107.2022	227.02
Si	-50.7099	80.5401	-50.1867	107.2022	232.01
Si	-75.5684	5.9646	74.4147	107.2194	225.64
Si	-13.9222	-70.5968	77.8759	107.2343	223.5
Si	75.5684	-75.5684	8.6529	107.2404	229.26
Si	-3.9787	78.5542	-74.4147	107.2658	233.11
Si	60.6534	38.7807	-81.337	107.2662	229.91
Si	73.5825	-73.5825	25.9586	107.2711	233.57
Si	48.2241	78.0543	-58.8396	107.2732	217.62
Si	81.0401	-18.3939	69.223	107.3083	218.47
Si	-78.0543	21.3797	-69.223	107.3083	228.08
Si	-63.6392	53.6957	-67.4924	107.3431	227.37
Si	75.5684	63.6392	-46.7255	107.39	225.41
Si	68.1109	-51.2099	65.7618	107.4252	220.68
Si	-38.7807	-60.6534	77.8759	107.4652	225.79

Si	63.6392	-38.7807	-77.8759	107.4652	219.29
Si	68.1109	-81.0401	17.3058	107.4669	233.58
Si	-25.8515	80.5401	67.4924	107.4775	225.79
Si	75.5684	-0.993	77.8759	107.5082	227.09
Si	-73.0826	36.2948	69.223	107.5384	224.24
Si	73.0826	78.0543	-24.2281	107.5813	232.59
Si	78.0543	-46.2382	-58.8396	107.7126	223.33
Si	-68.6109	-65.6251	-46.7255	107.7155	223.33
Si	-68.1109	76.0684	34.6115	107.7226	231.13
Si	75.5684	-5.9646	77.8759	107.7379	224.88
Si	-36.2948	78.0543	-65.7618	107.7691	229.33
Si	23.3656	-81.0401	65.7618	107.7717	228.78
Si	-63.1392	-58.1675	62.3007	107.7871	219.01
Si	56.1816	76.0684	-55.3784	107.7921	221.45
Si	-76.0684	-16.408	-72.6842	107.7923	225.02
Si	-75.5684	60.6534	46.7255	107.8039	230.82
Si	-31.3231	-71.0967	-72.6842	107.8384	226.65
Si	73.0826	48.2241	65.7618	107.8588	226.01
Si	-65.6251	-53.6957	-64.0313	107.938	221.99
Si	-43.7524	78.5542	-60.5701	107.9552	226.47
Si	-28.8373	-70.5968	-74.4147	107.9555	228.71
Si	-65.6251	60.6534	60.5701	108.0441	221.51
Si	73.5825	-18.8939	-77.8759	108.061	225.58
Si	-41.2665	-66.125	-72.6842	108.0904	223.49
Si	-70.5968	80.5401	-15.5752	108.1109	227.41
Si	-80.5401	30.8231	-64.0313	108.1189	224.83
Si	-58.6675	-70.5968	-53.6478	108.1401	224.43
Si	-80.5401	-18.8939	67.4924	108.1678	220.16
Si	68.1109	63.1392	58.8396	108.168	226.82
Si	80.5401	-55.6816	-46.7255	108.1696	229.31
Si	-36.2948	-81.0401	-58.8396	108.1744	230.13
Si	70.5968	38.7807	-74.4147	108.1817	224.91
Si	-61.1533	-81.0401	31.1504	108.197	231.71
Si	71.0967	-53.1958	62.3007	108.2447	219.73
Si	73.0826	-76.0684	24.2281	108.2952	234.1
Si	48.2241	58.1675	79.6064	108.319	223.11
Si	78.0543	68.1109	38.0727	108.3934	227.69
Si	-73.0826	21.3797	76.1453	108.4209	223.2
Si	-18.3939	-73.0826	-76.1453	108.4209	229.18
Si	-50.7099	60.6534	74.4147	108.4557	224
Si	53.6957	50.7099	81.337	108.4581	223.72
Si	-80.5401	0.993	-70.9536	108.4624	224.88
Si	-36.2948	-76.0684	65.7618	108.4817	227.39
Si	-53.1958	-53.1958	76.1453	108.5349	223.67
Si	5.9646	-80.5401	70.9536	108.5533	226.57
Si	-81.0401	-46.2382	-51.9173	108.5604	222.18
Si	41.2665	-78.0543	62.3007	108.5867	225.5
Si	-43.7524	73.5825	-67.4924	108.6245	228.73
Si	73.5825	55.6816	60.5701	108.6374	226.89
Si	-33.809	-65.6251	77.8759	108.7	229.42
Si	68.6109	-33.809	-77.8759	108.7	219.13
Si	-68.6109	58.6675	-60.5701	108.8678	230.11
Si	63.1392	-51.2099	72.6842	108.9075	220.93
Si	-66.125	-71.0967	44.995	108.9311	221.19
Si	-71.0967	-66.125	-44.995	108.9311	222.21
Si	63.6392	75.5684	-50.1867	108.9406	225.54
Si	-80.5401	-8.9505	-70.9536	108.9628	224.41
Si	25.8515	-80.5401	-67.4924	108.9862	230.99
Si	-50.7099	-58.6675	74.4147	109.0044	223.52
Si	78.0543	-56.1816	51.9173	109.011	227.27
Si	-28.8373	78.5542	70.9536	109.054	227.51
Si	43.7524	60.6534	81.337	109.0941	222.7

Si	-76.0684	68.1109	-38.0727	109.102	226.55
Si	-81.0401	-26.3514	-65.7618	109.1404	225.06
Si	-70.5968	-8.9505	81.337	109.1865	228.52
Si	-75.5684	65.6251	-43.2644	109.1934	225.04
Si	63.1392	63.1392	-65.7618	109.2024	220.3
Si	-73.0826	41.2665	69.223	109.2487	223.78
Si	-78.0543	76.0684	6.9223	109.2574	226.18
Si	-80.5401	40.7666	60.5701	109.273	223.51
Si	-53.6957	63.6392	70.9536	109.2811	222.35
Si	-78.5542	-0.993	-74.4147	109.3219	224.32
Si	-75.5684	60.6534	-50.1867	109.3486	223.59
Si	66.125	56.1816	-69.223	109.3617	221.5
Si	16.408	71.0967	83.0676	109.3955	235.27
Si	-60.6534	-43.7524	-77.8759	109.4255	222.36
Si	46.2382	66.125	76.1453	109.442	224.88
Si	-76.0684	78.0543	10.3835	109.477	225.81
Si	45.7383	-75.5684	64.0313	109.5267	225.63
Si	-63.6392	53.6957	70.9536	109.5524	222.03
Si	31.3231	-78.0543	69.223	109.5875	224.97
Si	-78.0543	31.3231	-69.223	109.5875	225.22
Si	48.724	-63.6392	74.4147	109.5925	223.52
Si	-81.0401	43.2524	58.8396	109.625	222.58
Si	-58.6675	43.7524	-81.337	109.6396	223.98
Si	-80.5401	50.7099	53.6478	109.6806	228.04
Si	80.5401	-25.8515	70.9536	109.6841	217.09
Si	-58.6675	-60.6534	-67.4924	109.7117	221.39
Si	-66.125	-76.0684	-38.0727	109.7154	226.65
Si	-58.1675	-38.2807	83.0676	109.7339	223.74
Si	73.5825	-13.9222	81.337	109.7736	222.22
Si	68.6109	80.5401	-36.3421	109.8819	228.01
Si	-26.3514	-76.0684	72.6842	109.882	226.77
Si	-73.0826	-78.0543	-13.8446	109.9133	228.77
Si	76.0684	-63.1392	-48.4561	109.94	226.51
Si	-68.1109	-63.1392	-55.3784	109.9489	223.28
Si	-40.7666	-63.6392	-77.8759	109.9668	225.5
Si	-63.6392	43.7524	77.8759	109.9668	221.78
Si	-81.0401	-71.0967	-3.4611	109.9678	229.04
Si	-78.5542	13.9222	-74.4147	109.9981	223.73
Si	-53.6957	-65.6251	-67.4924	110.0265	220.66
Si	73.0826	-76.0684	31.1504	110.0508	231.42
Si	-23.8655	78.5542	-74.4147	110.0866	229.26
Si	38.2807	68.1109	79.6064	110.1294	224.98
Si	68.1109	38.2807	-79.6064	110.1294	224.84
Si	-80.5401	-68.6109	-22.4975	110.2275	226.32
Si	6.4646	-78.0543	76.1453	110.2297	227.58
Si	-78.0543	6.4646	-76.1453	110.2297	224.22
Si	-81.0401	-6.4646	-72.6842	110.2633	223.63
Si	8.9505	75.5684	81.337	110.2656	233.11
Si	-41.2665	-76.0684	-65.7618	110.312	227.19
Si	-70.5968	50.7099	67.4924	110.338	221.8
Si	75.5684	68.6109	-46.7255	110.3417	227.14
Si	55.6816	-80.5401	50.1867	110.3836	233.51
Si	-58.1675	-73.0826	55.3784	110.3976	222.89
Si	61.1533	76.0684	55.3784	110.3976	231.99
Si	20.8798	-70.5968	-81.337	110.4014	229.2
Si	-78.5542	28.8373	70.9536	110.4068	224.5
Si	80.5401	38.7807	-67.4924	110.4268	224.89
Si	-55.6816	-78.5542	-50.1867	110.4318	228.36
Si	-63.6392	63.6392	64.0313	110.4733	221.77
Si	68.1109	-81.0401	-31.1504	110.5441	228.48
Si	-56.1816	-66.125	-65.7618	110.5584	221.38
Si	81.0401	11.4363	76.1453	110.5655	224.67

Si	75.5684	63.6392	-53.6478	110.5777	226.68
Si	-60.6534	75.5684	53.6478	110.5777	228.8
Si	66.125	-78.0543	-41.5338	110.5899	227.54
Si	65.6251	78.5542	-46.7255	110.6104	226.07
Si	-63.1392	-63.1392	62.3007	110.6164	219.87
Si	-81.0401	73.0826	-17.3058	110.6177	230.56
Si	-81.0401	13.4222	-72.6842	110.6209	226.44
Si	-68.6109	43.7524	-74.4147	110.6253	221.05
Si	78.5542	-13.9222	-77.8759	110.6378	226.35
Si	78.0543	8.4505	-79.6064	110.6673	225.39
Si	8.4505	78.0543	-79.6064	110.6673	233.73
Si	-73.5825	-0.993	-81.337	110.7168	226.52
Si	-66.125	38.2807	-79.6064	110.7371	218.87
Si	55.6816	53.6957	-81.337	110.8028	224.5
Si	71.0967	-58.1675	-62.3007	110.8397	220.29
Si	5.9646	-80.5401	-74.4147	110.8466	232.4
Si	43.7524	-78.5542	-64.0313	110.8757	220.98
Si	-60.6534	80.5401	46.7255	110.8779	228.85
Si	-0.993	80.5401	-77.8759	110.9923	233.86
Si	81.0401	76.0684	20.7669	110.9979	232.78
Si	-78.0543	76.0684	-20.7669	110.9979	231.84
Si	68.1109	78.0543	44.995	111.0142	229.34
Si	-30.8231	80.5401	-70.9536	111.0279	230.59
Si	-33.309	81.0401	69.223	111.0439	228.03
Si	-76.0684	-76.0684	17.3058	111.045	225.4
Si	-60.6534	55.6816	74.4147	111.0681	220.75
Si	53.1958	-56.1816	-79.6064	111.0708	222.18
Si	-58.1675	56.1816	76.1453	111.123	222
Si	56.1816	-58.1675	76.1453	111.123	220.61
Si	61.1533	-53.1958	76.1453	111.123	219.97
Si	16.408	-78.0543	76.1453	111.123	227.21
Si	38.7807	-78.5542	67.4924	111.1447	225.28
Si	46.2382	76.0684	69.223	111.1552	223.69
Si	-68.1109	26.3514	83.0676	111.1884	221.65
Si	-63.6392	78.5542	-46.7255	111.1931	224.18
Si	73.5825	60.6534	60.5701	111.2008	226.13
Si	-68.6109	38.7807	77.8759	111.2185	223.05
Si	81.0401	-68.1109	34.6115	111.2223	230.2
Si	-68.1109	-78.0543	34.6115	111.2223	229.57
Si	71.0967	-78.0543	-34.6115	111.2223	226.23
Si	-76.0684	-31.3231	-72.6842	111.2458	222.45
Si	-73.5825	63.6392	-53.6478	111.25	224.1
Si	-71.0967	-81.0401	-17.3058	111.2674	229.01
Si	-78.5542	-50.7099	57.109	111.3289	222.95
Si	-76.0684	8.4505	79.6064	111.3614	225.12
Si	-71.0967	68.1109	-51.9173	111.367	223.85
Si	68.1109	-71.0967	51.9173	111.367	224.41
Si	-73.5825	-10.9363	-81.337	111.3846	229.61
Si	-56.1816	63.1392	-72.6842	111.3984	223.31
Si	-80.5401	60.6534	46.7255	111.4121	229.2
Si	75.5684	-35.7948	-74.4147	111.4231	219.21
Si	75.5684	38.7807	-74.4147	111.4231	224.97
Si	63.1392	-46.2382	79.6064	111.4258	220.7
Si	-6.4646	-76.0684	-79.6064	111.4283	228.61
Si	-73.5825	-45.7383	-67.4924	111.4555	222.64
Si	58.6675	75.5684	60.5701	111.4668	230.67
Si	65.6251	-80.5401	-39.8032	111.4749	227.36
Si	56.1816	76.0684	62.3007	111.5067	231.28
Si	-63.1392	-48.2241	-76.1453	111.567	221.72
Si	-73.5825	-25.8515	77.8759	111.5737	222.15
Si	-25.8515	-73.5825	-77.8759	111.5737	228.55
Si	-78.5542	63.6392	-46.7255	111.5929	224.09

Si	48.2241	-81.0401	-58.8396	111.6136	220.63
Si	75.5684	-80.5401	15.5752	111.6208	232.73
Si	-73.0826	1.4929	83.0676	111.6321	225.21
Si	80.5401	13.9222	77.8759	111.6584	224.64
Si	-61.1533	78.0543	51.9173	111.7211	229.9
Si	-81.0401	38.2807	-65.7618	111.7571	226.52
Si	75.5684	78.5542	-32.8809	111.8338	230.32
Si	-75.5684	75.5684	32.8809	111.8338	230.62
Si	63.1392	-76.0684	-51.9173	111.8545	224.22
Si	-61.1533	73.0826	-58.8396	111.8558	224.09
Si	70.5968	-65.6251	57.109	111.9893	224.74
Si	-45.7383	70.5968	74.4147	111.9986	225.42
Si	63.1392	68.1109	65.7618	112.0841	225.14
Si	-35.7948	-73.5825	74.4147	112.0904	227.14
Si	-73.0826	36.2948	76.1453	112.1195	223.71
Si	76.0684	36.2948	76.1453	112.1195	227.19
Si	-55.6816	-73.5825	60.5701	112.1338	222.03
Si	-60.6534	75.5684	-57.109	112.2977	222.48
Si	-76.0684	-76.0684	-24.2281	112.3322	229.76
Si	-53.1958	71.0967	69.223	112.3716	221.98
Si	-28.3373	-68.1109	83.0676	112.4044	224.61
Si	80.5401	-50.7099	-60.5701	112.4382	224.27
Si	-66.125	43.2524	-79.6064	112.4865	220.62
Si	-65.6251	-73.5825	-50.1867	112.516	224.76
Si	80.5401	-35.7948	70.9536	112.5756	219.33
Si	-68.6109	53.6957	70.9536	112.5792	222.16
Si	-68.6109	48.724	-74.4147	112.6183	222.17
Si	-45.7383	-68.6109	74.4147	112.6183	221.57
Si	68.1109	-61.1533	65.7618	112.6371	221.29
Si	81.0401	-78.0543	6.9223	112.7095	229.75
Si	-21.3797	78.0543	-79.6064	112.7918	229.96
Si	-78.5542	18.8939	77.8759	113.0265	224.2
Si	63.6392	-78.5542	-50.1867	113.0858	223.8
Si	-70.5968	-53.6957	67.4924	113.1279	222.52
Si	-70.5968	40.7666	-77.8759	113.1547	221.51
Si	80.5401	-20.8798	77.8759	113.1974	219.2
Si	-80.5401	-3.9787	-77.8759	113.2432	223.11
Si	-73.0826	-48.2241	-69.223	113.248	224.96
Si	66.125	-78.0543	48.4561	113.3713	225.94
Si	75.5684	68.6109	-53.6478	113.4464	227.29
Si	58.1675	-56.1816	-79.6064	113.4705	222.37
Si	78.0543	43.2524	72.6842	113.5275	227.38
Si	43.2524	78.0543	72.6842	113.5275	222.88
Si	-60.6534	50.7099	81.337	113.579	219.85
Si	50.7099	63.6392	-81.337	113.579	222.57
Si	-51.2099	63.1392	79.6064	113.6444	224.62
Si	-73.5825	53.6957	-67.4924	113.6516	223.33
Si	53.6957	-73.5825	67.4924	113.6516	225.2
Si	-58.1675	-58.1675	76.1453	113.6522	223.03
Si	58.6675	65.6251	74.4147	113.6636	220.39
Si	65.6251	-55.6816	-74.4147	113.6636	221.7
Si	-68.6109	38.7807	-81.337	113.6689	218.93
Si	-58.1675	51.2099	83.0676	113.7162	222.89
Si	51.2099	-58.1675	83.0676	113.7162	222.48
Si	68.1109	58.1675	-72.6842	113.7231	223.26
Si	-61.1533	53.1958	-79.6064	113.7318	222.08
Si	41.2665	-73.0826	-76.1453	113.7609	218.85
Si	76.0684	-38.2807	76.1453	113.7609	219.13
Si	-81.0401	53.1958	-58.8396	113.7848	224.01
Si	58.6675	-58.6675	-77.8759	113.8106	220.97
Si	36.2948	71.0967	83.0676	113.8248	223.11
Si	-33.309	71.0967	83.0676	113.8248	226.73

Si	-63.1392	56.1816	-76.1453	113.8695	222.06
Si	-63.1392	-53.1958	-76.1453	113.8695	222.34
Si	-26.3514	78.0543	-79.6064	113.9041	230.83
Si	78.0543	-26.3514	79.6064	113.9041	219.65
Si	-80.5401	80.5401	-1.7306	113.9337	229.08
Si	-73.0826	-58.1675	-62.3007	114.0274	222.15
Si	-58.1675	76.0684	-62.3007	114.0274	222.56
Si	78.5542	75.5684	39.8032	114.0611	224.79
Si	75.5684	78.5542	-39.8032	114.0611	227.99
Si	-48.724	78.5542	-67.4924	114.0851	225.48
Si	-75.5684	-48.724	67.4924	114.0851	221.72
Si	-73.5825	73.5825	-46.7255	114.0899	223
Si	-46.2382	68.1109	79.6064	114.2515	225.51
Si	58.1675	-66.125	72.6842	114.3118	220.92
Si	-55.6816	70.5968	-70.9536	114.3621	223.51
Si	-68.1109	-48.2241	-76.1453	114.5189	223.62
Si	46.2382	81.0401	69.223	114.5501	224.97
Si	81.0401	-43.2524	69.223	114.5501	220.37
Si	80.5401	-80.5401	-12.114	114.5628	228.82
Si	-41.2665	-76.0684	-72.6842	114.5736	227.1
Si	78.0543	-66.125	51.9173	114.5829	224.62
Si	-63.6392	-60.6534	70.9536	114.6244	221.72
Si	78.5542	25.8515	81.337	114.6626	224.81
Si	-73.5825	-60.6534	-60.5701	114.7485	222.85
Si	80.5401	38.7807	-74.4147	114.7885	226.83
Si	-60.6534	70.5968	67.4924	114.8596	222.84
Si	-75.5684	-23.8655	81.337	114.8791	223.64
Si	-81.0401	8.4505	-79.6064	114.8795	223.06
Si	73.0826	43.2524	-79.6064	114.9179	223.41
Si	78.0543	33.309	-79.6064	114.9396	226.23
Si	75.5684	-65.6251	57.109	115.1236	223.69
Si	63.1392	-76.0684	-58.8396	115.2307	224.4
Si	13.4222	-81.0401	-79.6064	115.2874	231.96
Si	75.5684	-75.5684	43.2644	115.3145	223.84
Si	36.2948	-78.0543	-76.1453	115.4861	218.9
Si	43.7524	75.5684	-77.8759	115.489	221.16
Si	76.0684	-53.1958	69.223	115.517	220.69
Si	-71.0967	43.2524	-79.6064	115.5435	220.52
Si	-71.0967	63.1392	-65.7618	115.733	228.73
Si	53.6957	-73.5825	-70.9536	115.7405	220.71
Si	-81.0401	-46.2382	65.7618	115.8213	220.74
Si	-78.0543	81.0401	-27.6892	115.8543	230.3
Si	78.0543	-46.2382	72.6842	115.8572	219.77
Si	78.5542	-78.5542	32.8809	115.8756	229.62
Si	-31.3231	-76.0684	79.6064	115.8872	228.16
Si	-38.7807	73.5825	-81.337	115.9077	227.82
Si	73.5825	-38.7807	81.337	115.9077	219.82
Si	63.6392	75.5684	-64.0313	115.9713	217.36
Si	58.1675	-61.1533	-79.6064	116.0765	222.74
Si	-75.5684	-28.8373	81.337	116.0779	221.29
Si	48.2241	-76.0684	-72.6842	116.1144	220.07
Si	80.5401	-80.5401	22.4975	116.1207	232.39
Si	-81.0401	58.1675	58.8396	116.1284	226.21
Si	-80.5401	-78.5542	19.0363	116.1867	229.43
Si	-58.6675	-55.6816	-81.337	116.2063	222.46
Si	-45.7383	80.5401	-70.9536	116.2483	227.62
Si	-78.5542	33.809	77.8759	116.2606	223.59
Si	71.0967	-78.0543	-48.4561	116.2774	221.93
Si	66.125	-58.1675	76.1453	116.3391	221.01
Si	61.1533	66.125	-76.1453	116.3391	218.64
Si	66.125	-48.2241	83.0676	116.4015	220.91
Si	78.0543	38.2807	79.6064	116.4138	225.39

Si	-63.1392	-78.0543	55.3784	116.4982	224.16
Si	58.6675	70.5968	74.4147	116.5411	224.28
Si	53.1958	-66.125	-79.6064	116.5442	220.99
Si	-48.2241	81.0401	69.223	116.582	221.22
Si	51.2099	-78.0543	69.223	116.582	228.33
Si	58.1675	73.0826	-72.6842	116.7051	220.15
Si	73.0826	58.1675	72.6842	116.7051	221.99
Si	-75.5684	-38.7807	-77.8759	116.7264	222.75
Si	78.0543	-36.2948	-79.6064	116.7337	218.79
Si	80.5401	73.5825	-46.7255	116.7419	226.18
Si	-68.1109	-53.1958	-76.1453	116.7632	223.18
Si	-63.6392	-60.6534	-74.4147	116.7985	219.56
Si	48.2241	73.0826	79.6064	116.8164	222.64
Si	80.5401	-35.7948	77.8759	117.0619	218.66
Si	-38.2807	81.0401	76.1453	117.0803	226.15
Si	35.7948	-75.5684	-81.337	117.1784	219.25
Si	-68.6109	78.5542	-53.6478	117.1797	222.04
Si	-81.0401	-81.0401	-10.3835	117.1802	229.24
Si	71.0967	-43.2524	83.0676	117.2478	220.73
Si	53.6957	75.5684	74.4147	117.2599	223.8
Si	-73.5825	78.5542	-46.7255	117.2947	223.35
Si	-18.8939	-80.5401	-81.337	117.3062	227.89
Si	-58.1675	81.0401	-62.3007	117.3392	222.79
Si	-68.6109	-70.5968	-60.5701	117.3891	221.48
Si	-81.0401	-76.0684	-31.1504	117.464	231.81
Si	-60.6534	-68.6109	-70.9536	117.5207	219.25
Si	71.0967	66.125	69.223	117.5322	224.25
Si	-76.0684	73.0826	-51.9173	117.6276	222.84
Si	-23.3656	81.0401	83.0676	117.6687	231.38
Si	-63.6392	-75.5684	-60.5701	117.6834	220.65
Si	-81.0401	28.3373	79.6064	117.7689	224.23
Si	-73.5825	-45.7383	77.8759	118.0329	216.76
Si	-65.6251	-68.6109	67.4924	118.2141	219.69
Si	-48.724	-75.5684	-74.4147	118.3121	222.83
Si	70.5968	-80.5401	50.1867	118.4207	225.02
Si	-60.6534	65.6251	-77.8759	118.4894	219.47
Si	41.2665	76.0684	83.0676	118.506	221.21
Si	55.6816	68.6109	-81.337	118.562	222.23
Si	80.5401	78.5542	43.2644	118.5695	224.85
Si	63.1392	-61.1533	-79.6064	118.5833	221.38
Si	66.125	-53.1958	83.0676	118.6102	220.88
Si	-65.6251	60.6534	-77.8759	118.6146	220.18
Si	75.5684	68.6109	64.0313	118.7098	222.5
Si	-81.0401	-71.0967	44.995	118.7665	225.72
Si	78.0543	-61.1533	-65.7618	118.789	220.98
Si	31.3231	-78.0543	83.0676	118.8185	217.75
Si	-70.5968	-78.5542	-50.1867	118.8409	221.35
Si	-78.0543	-43.2524	76.1453	118.8613	216.28
Si	66.125	66.125	-76.1453	118.9652	220.16
Si	-73.0826	-73.0826	-55.3784	119.1209	221.34
Si	71.0967	61.1533	76.1453	119.1728	221.56
Si	-73.0826	81.0401	48.4561	119.32	223.62
Si	81.0401	-73.0826	-48.4561	119.32	222.47
Si	71.0967	81.0401	-55.3784	119.3282	221.31
Si	-78.0543	-68.1109	-55.3784	119.3282	220.28
Si	53.1958	-71.0967	79.6064	119.4974	222.08
Si	-80.5401	-48.724	-70.9536	119.5223	223.2
Si	76.0684	-68.1109	-62.3007	119.5306	221.57
Si	-80.5401	40.7666	-77.8759	119.7351	225.17
Si	-60.6534	-78.5542	-64.0313	119.8737	220.54
Si	-81.0401	-46.2382	-72.6842	119.8872	220.34
Si	-78.0543	81.0401	41.5338	119.919	225.41

Si	70.5968	78.5542	-60.5701	119.9272	222.13
Si	-80.5401	70.5968	53.6478	119.9285	221.03
Si	78.5542	50.7099	-77.8759	120.1059	221.31
Si	60.6534	78.5542	70.9536	120.303	218.09
Si	-73.5825	48.724	-81.337	120.3446	222.5
Si	-73.5825	73.5825	-60.5701	120.4242	222.93
Si	58.1675	-76.0684	-72.6842	120.4606	220.46
Si	66.125	76.0684	-69.223	120.5431	217.51
Si	-78.5542	-65.6251	-60.5701	120.7523	221.35
Si	78.0543	-71.0967	58.8396	120.8015	222.78
Si	-48.2241	-78.0543	76.1453	120.8207	219.17
Si	43.7524	80.5401	81.337	121.0373	223.71
Si	-65.6251	65.6251	-77.8759	121.171	220.09
Si	80.5401	78.5542	50.1867	121.2667	222.11
Si	-66.125	63.1392	79.6064	121.2833	219.05
Si	-68.1109	-63.1392	-76.1453	121.7379	219.85
Si	-61.1533	-66.125	-79.6064	121.7946	218.09
Si	-70.5968	-53.6957	81.337	121.8951	217.25
Si	43.2524	-81.0401	-79.6064	122.0358	222.47
Si	51.2099	76.0684	83.0676	122.2028	221.69
Si	-78.0543	76.0684	55.3784	122.2949	221.27
Si	76.0684	-78.0543	-55.3784	122.2949	221.2
Si	-80.5401	-78.5542	-43.2644	122.5103	224.06
Si	75.5684	68.6109	70.9536	122.5823	223.65
Si	-60.6534	-73.5825	74.4147	122.6215	217.23
Si	-68.1109	-78.0543	-62.3007	122.694	220.41
Si	58.6675	80.5401	74.4147	122.6986	220.39
Si	78.5542	80.5401	53.6478	122.7396	222.78
Si	75.5684	78.5542	-60.5701	122.8592	222.99
Si	-53.1958	-78.0543	76.1453	122.9501	217.55
Si	-61.1533	-76.0684	-72.6842	123.3827	216.98
Si	78.5542	70.5968	67.4924	123.5679	221.85
Si	-80.5401	-68.6109	60.5701	123.7445	223.49
Si	-80.5401	-78.5542	46.7255	123.775	224.25
Si	-78.5542	-80.5401	-46.7255	123.775	223.96
Si	48.2241	-81.0401	-79.6064	123.8252	221.98
Si	65.6251	73.5825	77.8759	123.994	221.65
Si	73.0826	-61.1533	-79.6064	124.0436	219.72
Si	-73.5825	73.5825	-67.4924	124.0503	224.34
Si	-53.1958	-73.0826	83.0676	124.3084	217
Si	-71.0967	78.0543	65.7618	124.3202	220.29
Si	73.0826	-76.0684	-65.7618	124.3602	220.62
Si	68.6109	-78.5542	67.4924	124.3688	221.19
Si	58.6675	-73.5825	81.337	124.5832	222.05
Si	-71.0967	-61.1533	79.6064	124.6234	216.9
Si	66.125	-73.0826	76.1453	124.6472	218.19
Si	-60.6534	-73.5825	-77.8759	124.7523	218.17
Si	-73.5825	-80.5401	57.109	125.0087	222.44
Si	73.5825	-68.6109	74.4147	125.096	216.47
Si	-48.2241	81.0401	83.0676	125.2987	219.8
Si	-48.2241	-78.0543	83.0676	125.2987	220.37
Si	-66.125	-81.0401	-65.7618	125.3335	219.16
Si	-75.5684	80.5401	60.5701	125.9193	221.55
Si	68.1109	73.0826	-79.6064	126.0961	218.77
Si	71.0967	81.0401	-69.223	126.3498	220.76
Si	71.0967	81.0401	69.223	126.3498	221.37
Si	78.5542	-78.5542	60.5701	126.5494	222.88
Si	-58.1675	-73.0826	83.0676	126.5745	215.38
Si	73.5825	70.5968	-77.8759	126.6369	217.79
Si	-65.6251	75.5684	-77.8759	126.7149	220.79
Si	68.6109	75.5684	-77.8759	126.7149	219.6
Si	78.0543	-61.1533	-79.6064	126.9779	218.13

Si	-66.125	-71.0967	79.6064	127.1952	217.76
Si	-63.6392	78.5542	77.8759	127.457	221.9
Si	-81.0401	-76.0684	-58.8396	127.6305	221.32
Si	-78.5542	58.6675	-81.337	127.6408	218.2
Si	63.6392	-78.5542	-77.8759	127.8059	222.89
Si	-81.0401	58.1675	79.6064	127.9097	214.69
Si	65.6251	-80.5401	-74.4147	127.984	223.18
Si	-63.6392	-80.5401	-74.4147	128.488	218.06
Si	80.5401	-60.6534	-81.337	129.3303	218.37
Si	-66.125	78.0543	79.6064	129.503	223.24
Si	78.5542	-63.6392	81.337	129.6007	218.51
Si	76.0684	76.0684	76.1453	130.0812	218.87
Si	-78.5542	-65.6251	77.8759	130.2959	217.02
Si	-81.0401	78.0543	65.7618	130.3763	219.22
Si	-76.0684	-81.0401	65.7618	130.9659	220.88
Si	-81.0401	-76.0684	-65.7618	130.9659	220.85
Si	-73.0826	-68.1109	83.0676	131.5539	220.19
Si	78.0543	73.0826	-79.6064	131.6204	219.26
Si	-78.0543	66.125	83.0676	131.9291	216.89
Si	81.0401	81.0401	-69.223	132.0884	220.89
Si	-73.5825	-70.5968	-81.337	132.0945	219.45
Si	-68.6109	-75.5684	-81.337	132.1692	215.77
Si	80.5401	-70.5968	77.8759	132.3255	217.31
Si	68.1109	-81.0401	79.6064	132.6154	217.94
Si	-71.0967	-76.0684	79.6064	132.7486	216.15
Si	-73.5825	-75.5684	77.8759	132.8135	215.04
Si	-75.5684	-78.5542	74.4147	133.7294	215.69
Si	-73.0826	-73.0826	83.0676	134.2506	218.56
Si	-75.5684	75.5684	81.337	134.3181	219.13
Si	73.5825	80.5401	81.337	134.3916	216.48
Si	78.5542	-73.5825	81.337	134.8721	219.51
Si	80.5401	78.5542	77.8759	135.0984	216.88
Si	73.0826	-81.0401	79.6064	135.1812	217.56
Si	-80.5401	-73.5825	-77.8759	135.7586	218.61
Si	-78.0543	81.0401	76.1453	135.8441	215.84
Si	-81.0401	-81.0401	72.6842	137.5005	216.45

Table S16. Coordinates and polarizations calculated for the second fused quartz structure

	x / Å	y / Å	z / Å	*d* / Å	I_{on}
e	1.4929	1.4929	0		
Si	6.4646	-3.4788	-6.9223	9.866805	331.88
Si	3.4788	3.4788	-10.3835	10.75656	284.11
Si	3.9787	-8.9505	-1.7306	10.87372	335.39
Si	-8.9505	-0.993	1.7306	10.87372	332.04
Si	-8.9505	3.9787	1.7306	10.87372	332.95
Si	-1.4929	3.4788	10.3835	10.98521	322.09
Si	-3.4788	11.4363	0	11.11706	311.31
Si	-6.4646	-6.4646	3.4611	11.77383	322.52
Si	10.9363	-5.9646	1.7306	12.15684	285.38
Si	-6.4646	-1.4929	10.3835	13.41838	319.88
Si	-10.9363	0.993	5.1917	13.47925	332.11
Si	-10.9363	-3.9787	-1.7306	13.69015	326.22
Si	8.9505	-8.9505	5.1917	13.84314	285.13
Si	-5.9646	0.993	12.114	14.23428	319.87
Si	8.4505	8.4505	10.3835	14.30498	226.36
Si	6.4646	1.4929	-13.8446	14.71023	281.22
Si	-6.4646	13.4222	-3.4611	14.7516	304.53
Si	-0.993	10.9363	12.114	15.55982	271.05
Si	13.4222	3.4788	10.3835	15.93951	196.16

Si	-1.4929	13.4222	10.3835	16.0947	272.3
Si	-8.9505	-0.993	-12.114	16.18619	227.91
Si	-0.993	5.9646	-15.5752	16.39396	238.72
Si	16.408	1.4929	6.9223	16.44319	189.63
Si	1.4929	-8.4505	-13.8446	17.04536	206.48
Si	-3.4788	-13.4222	6.9223	17.17837	222.86
Si	16.408	6.4646	-6.9223	17.17837	177.21
Si	0.993	13.9222	-12.114	17.36335	235.66
Si	13.4222	-11.4363	-3.4611	17.92908	254.71
Si	3.4788	8.4505	-17.3058	18.75743	233.34
Si	15.908	-10.9363	1.7306	19.11224	247.05
Si	11.4363	16.408	6.9223	19.21587	223.64
Si	0.993	18.8939	8.6529	19.44004	248.53
Si	3.9787	20.8798	-1.7306	19.62204	232.51
Si	-8.4505	11.4363	-13.8446	19.73361	208.46
Si	10.9363	13.9222	-12.114	19.75892	171.85
Si	13.4222	13.4222	10.3835	19.80991	224.29
Si	-13.9222	-10.9363	1.7306	19.87725	251.6
Si	-3.9787	-15.908	8.6529	20.18921	220.71
Si	3.9787	20.8798	5.1917	20.22334	243.37
Si	1.4929	1.4929	20.7669	20.7669	220.03
Si	13.9222	15.908	-8.6529	20.90825	173.12
Si	-1.4929	-16.408	-10.3835	20.90869	194.73
Si	-8.9505	-15.908	-5.1917	20.94781	200.34
Si	-3.4788	-13.4222	-13.8446	20.94877	191.65
Si	21.3797	1.4929	6.9223	21.05714	186.72
Si	21.3797	6.4646	6.9223	21.6361	183.07
Si	21.3797	-3.4788	6.9223	21.6361	184.78
Si	-5.9646	-18.8939	-1.7306	21.77681	198.13
Si	-15.908	-3.9787	12.114	21.89707	261.42
Si	-0.993	-13.9222	-15.5752	22.05423	190.74
Si	-8.4505	21.3797	0	22.23412	190.8
Si	-5.9646	10.9363	19.0363	22.52056	248.54
Si	-10.9363	-13.9222	12.114	23.21335	208.79
Si	-18.3939	11.4363	-6.9223	23.28678	156.85
Si	-6.4646	23.3656	-3.4611	23.53118	192.86
Si	23.3656	-6.4646	-3.4611	23.53118	180.82
Si	-8.4505	6.4646	-20.7669	23.55532	169.5
Si	-8.4505	-3.4788	-20.7669	23.55532	175.58
Si	-18.8939	-10.9363	1.7306	23.93952	247.56
Si	-18.8939	13.9222	1.7306	23.93952	163.43
Si	23.8655	0.993	-8.6529	23.99287	173.87
Si	20.8798	8.9505	-12.114	24.0461	165.54
Si	23.8655	10.9363	-1.7306	24.34562	164.29
Si	23.3656	-1.4929	-10.3835	24.39562	171.16
Si	-18.8939	-10.9363	-5.1917	24.43481	230.99
Si	-6.4646	-21.3797	3.4611	24.46339	190.6
Si	-0.993	10.9363	-22.4975	24.52538	178.4
Si	-18.3939	6.4646	13.8446	24.73612	179.77
Si	-13.9222	18.8939	8.6529	24.80502	166.9
Si	10.9363	-20.8798	-5.1917	24.8328	181.13
Si	-20.8798	10.9363	5.1917	24.8328	164.44
Si	18.3939	-16.408	3.4611	24.86093	227.09
Si	-10.9363	-8.9505	19.0363	25.01863	199.23
Si	16.408	-13.4222	13.8446	25.2308	185.3
Si	8.4505	3.4788	-24.2281	25.28538	165.34
Si	23.3656	-6.4646	-10.3835	25.48633	171.39
Si	1.4929	-13.4222	-20.7669	25.56803	187.38
Si	1.4929	-13.4222	20.7669	25.56803	182.46
Si	-6.4646	3.4788	24.2281	25.57859	206.06
Si	-11.4363	23.3656	3.4611	25.64291	187.8
Si	8.4505	-16.408	17.3058	25.85226	179.1

Si	-23.8655	-0.993	-5.1917	26.00355	190.13
Si	5.9646	13.9222	22.4975	26.08868	131.94
Si	-6.4646	-16.408	17.3058	26.13911	196.16
Si	-3.9787	-10.9363	22.4975	26.27853	186.33
Si	13.9222	-3.9787	-22.4975	26.27853	158.74
Si	-3.4788	-23.3656	6.9223	26.27891	185.21
Si	-23.3656	-3.4788	6.9223	26.27891	223.66
Si	5.9646	-0.993	-25.9586	26.458	163.27
Si	20.8798	18.8939	-5.1917	26.56308	159.86
Si	-6.4646	-6.4646	24.2281	26.71408	186.74
Si	11.4363	26.3514	0	26.77342	174.89
Si	-18.8939	18.8939	1.7306	26.85903	163.76
Si	25.8515	8.9505	8.6529	26.90402	176.15
Si	13.4222	23.3656	-10.3835	26.99147	160.67
Si	23.8655	10.9363	12.114	27.13787	176.58
Si	23.8655	-13.9222	-1.7306	27.22415	195.23
Si	-20.8798	0.993	-15.5752	27.26484	150.51
Si	8.9505	5.9646	25.9586	27.3763	148.13
Si	25.8515	13.9222	1.7306	27.4011	162.84
Si	18.3939	-11.4363	17.3058	27.42803	186.54
Si	-13.9222	-10.9363	-19.0363	27.46802	155.39
Si	-23.3656	11.4363	-6.9223	27.65383	155.45
Si	5.9646	-25.8515	1.7306	27.76157	179.75
Si	18.3939	23.3656	-3.4611	27.85747	160.41
Si	8.4505	13.4222	-24.2281	27.88754	157.93
Si	23.8655	15.908	-8.6529	27.98579	158.95
Si	-18.8939	3.9787	-19.0363	28.00323	152.32
Si	-11.4363	-16.408	-17.3058	28.05522	153.69
Si	-8.9505	3.9787	-25.9586	28.0908	167.59
Si	3.4788	-26.3514	-3.4611	28.12878	183.81
Si	28.8373	5.9646	5.1917	28.18979	173.01
Si	-25.8515	5.9646	5.1917	28.18979	167.51
Si	16.408	-18.3939	13.8446	28.45379	186.11
Si	26.3514	1.4929	13.8446	28.45379	165.92
Si	10.9363	-5.9646	-25.9586	28.61195	159.62
Si	6.4646	-23.3656	13.8446	28.88487	176.91
Si	-3.4788	-23.3656	-13.8446	28.88487	175.91
Si	-8.9505	8.9505	-25.9586	28.95736	166.11
Si	-18.3939	6.4646	-20.7669	29.1799	154.16
Si	1.4929	-8.4505	27.6892	29.42045	177.79
Si	8.4505	-21.3797	-17.3058	29.51361	157.85
Si	18.3939	-1.4929	-24.2281	29.69103	155.93
Si	3.9787	15.908	25.9586	29.79641	130.45
Si	16.408	-23.3656	6.9223	29.80476	198.67
Si	11.4363	-3.4788	-27.6892	29.83757	159.21
Si	-3.4788	11.4363	-27.6892	29.83757	166.75
Si	-3.4788	-8.4505	-27.6892	29.83757	165.26
Si	28.3373	-6.4646	-10.3835	29.86235	170.61
Si	-1.4929	-26.3514	10.3835	29.86697	179.61
Si	20.8798	13.9222	-19.0363	29.87839	148.63
Si	3.9787	-3.9787	-29.4198	30.02735	164.08
Si	23.3656	-16.408	10.3835	30.11102	189.19
Si	-16.408	23.3656	10.3835	30.11102	165.09
Si	-23.3656	11.4363	13.8446	30.14115	166.53
Si	-16.408	-1.4929	-24.2281	30.27137	154.12
Si	18.8939	-8.9505	-22.4975	30.2984	152.95
Si	18.8939	20.8798	-15.5752	30.35175	150.89
Si	20.8798	-15.908	15.5752	30.35175	186.9
Si	-16.408	-16.408	17.3058	30.66551	188.87
Si	-5.9646	30.8231	5.1917	30.70558	162.68
Si	-18.8939	-20.8798	-5.1917	30.71008	166.48
Si	-20.8798	20.8798	-8.6529	30.84246	147.86

Si	-0.993	-28.8373	5.1917	30.87153	177.09
Si	6.4646	31.3231	6.9223	31.02381	136.56
Si	-3.4788	31.3231	-6.9223	31.02381	142.43
Si	31.3231	6.4646	-6.9223	31.02381	159.22
Si	-8.4505	11.4363	-27.6892	31.05534	165.72
Si	8.9505	-13.9222	25.9586	31.09805	166.13
Si	-23.8655	18.8939	-5.1917	31.18971	149.98
Si	-8.9505	28.8373	-12.114	31.67849	139.45
Si	-5.9646	10.9363	-29.4198	31.78549	165.87
Si	6.4646	16.408	-27.6892	31.84132	155.66
Si	28.3373	18.3939	-3.4611	31.90995	159.64
Si	-3.9787	28.8373	15.5752	31.94117	132.77
Si	18.8939	-23.8655	-8.6529	31.94865	154.89
Si	33.309	3.4788	3.4611	32.06536	168.37
Si	28.3373	-1.4929	-17.3058	32.07843	164.02
Si	28.3373	-1.4929	17.3058	32.07843	164.37
Si	16.408	-23.3656	-13.8446	32.12597	154.83
Si	26.3514	16.408	13.8446	32.12597	160.29
Si	-6.4646	-1.4929	31.1504	32.28903	166.71
Si	18.8939	-13.9222	-22.4975	32.35047	153.39
Si	-13.4222	-18.3939	-20.7669	32.3915	154.72
Si	16.408	-18.3939	20.7669	32.3915	182.09
Si	21.3797	16.408	-20.7669	32.3915	146.52
Si	-13.4222	21.3797	-20.7669	32.3915	134.29
Si	-26.3514	-11.4363	-10.3835	32.40811	158.08
Si	8.9505	-23.8655	19.0363	32.57373	177.35
Si	26.3514	21.3797	-6.9223	32.57834	158.11
Si	18.3939	23.3656	-17.3058	32.61208	150.27
Si	3.9787	-28.8373	12.114	32.75435	176.67
Si	18.3939	-26.3514	-3.4611	32.75559	159.3
Si	-11.4363	-16.408	-24.2281	32.78117	153.44
Si	-28.8373	-10.9363	1.7306	32.82376	187.3
Si	1.4929	-28.3373	13.8446	32.88638	176.07
Si	16.408	11.4363	27.6892	32.9852	133.97
Si	10.9363	-20.8798	22.4975	33.10363	179.2
Si	-3.9787	33.809	-5.1917	33.18464	142.09
Si	20.8798	-5.9646	-25.9586	33.24628	152.68
Si	-3.4788	-28.3373	13.8446	33.26006	179.04
Si	6.4646	-28.3373	-13.8446	33.26006	153.32
Si	-21.3797	18.3939	-17.3058	33.29097	134.91
Si	-10.9363	10.9363	-29.4198	33.30448	165.7
Si	28.8373	0.993	19.0363	33.32184	167.79
Si	15.908	-5.9646	29.4198	33.59963	158.23
Si	-18.8939	8.9505	-25.9586	33.8391	152.55
Si	-11.4363	-1.4929	31.1504	33.85888	165.22
Si	26.3514	11.4363	-20.7669	33.88334	144.76
Si	-25.8515	20.8798	5.1917	33.91928	146.56
Si	20.8798	28.8373	-5.1917	33.91928	157.38
Si	23.8655	-18.8939	-15.5752	34.04028	156.07
Si	-23.8655	-10.9363	-19.0363	34.05759	145.12
Si	-13.4222	31.3231	6.9223	34.06199	163.44
Si	-28.3373	16.408	6.9223	34.06199	145.84
Si	31.3231	-13.4222	-6.9223	34.06199	156.73
Si	33.809	10.9363	5.1917	34.06552	165.33
Si	1.4929	-18.3939	-27.6892	34.09071	145.34
Si	8.9505	-3.9787	32.8809	34.15712	154.76
Si	-3.9787	8.9505	-32.8809	34.15712	164.92
Si	8.4505	33.309	-10.3835	34.18316	145.13
Si	18.3939	-26.3514	-10.3835	34.1872	156.51
Si	-6.4646	13.4222	-31.1504	34.29248	164.41
Si	3.9787	10.9363	32.8809	34.30034	127
Si	33.809	-8.9505	5.1917	34.35614	138.27

Si	-6.4646	33.309	-10.3835	34.40061	139.97
Si	8.4505	-11.4363	-31.1504	34.43714	157.03
Si	6.4646	21.3797	-27.6892	34.45133	153.84
Si	-23.8655	18.8939	15.5752	34.47361	153.95
Si	18.8939	-23.8655	-15.5752	34.47361	156.48
Si	-5.9646	-23.8655	-22.4975	34.71026	142.59
Si	-18.3939	26.3514	13.8446	34.71459	163.29
Si	26.3514	-18.3939	-13.8446	34.71459	153.09
Si	-13.4222	-13.4222	-27.6892	34.80822	151.31
Si	16.408	-13.4222	27.6892	34.80822	162.48
Si	-28.8373	13.9222	-12.114	34.94501	142.69
Si	1.4929	6.4646	-34.6115	34.96675	150.88
Si	-13.9222	-25.8515	15.5752	35.04174	145.92
Si	-18.8939	-10.9363	-25.9586	35.26976	147.81
Si	23.3656	23.3656	17.3058	35.44459	152.38
Si	-0.993	35.7948	-8.6529	35.46372	142.11
Si	3.4788	18.3939	31.1504	35.49552	126.97
Si	16.408	26.3514	20.7669	35.66047	141.39
Si	3.9787	25.8515	25.9586	35.68429	123.29
Si	-25.8515	-3.9787	-22.4975	35.83	142.21
Si	36.2948	-3.4788	-6.9223	35.83027	153.88
Si	-3.4788	-33.309	6.9223	35.83027	174.86
Si	6.4646	36.2948	6.9223	35.83027	133.53
Si	-18.8939	-0.993	29.4198	35.87928	141.76
Si	15.908	-0.993	-32.8809	35.98793	155.67
Si	-13.4222	31.3231	-13.8446	36.11058	137.36
Si	8.4505	18.3939	31.1504	36.11643	125.34
Si	28.3373	18.3939	17.3058	36.13523	157.97
Si	-23.8655	18.8939	-19.0363	36.16941	135.39
Si	-18.8939	28.8373	-12.114	36.19507	135.35
Si	28.3373	-1.4929	24.2281	36.28409	161.51
Si	-28.8373	-10.9363	15.5752	36.29036	135.28
Si	-5.9646	25.8515	25.9586	36.37037	123.11
Si	-0.993	-23.8655	25.9586	36.37417	145.97
Si	-33.809	8.9505	-5.1917	36.45257	121.63
Si	35.7948	3.9787	-12.114	36.46304	156.46
Si	-28.3373	21.3797	6.9223	36.51361	147.24
Si	-16.408	8.4505	-31.1504	36.59501	154.68
Si	-28.3373	-3.4788	20.7669	36.68546	137.16
Si	-28.3373	-3.4788	-20.7669	36.68546	141.21
Si	33.809	-13.9222	-8.6529	36.83508	157.04
Si	-15.908	-28.8373	12.114	37.00623	144.83
Si	8.9505	-13.9222	32.8809	37.07282	155.96
Si	-5.9646	-13.9222	32.8809	37.07282	152.51
Si	-10.9363	30.8231	19.0363	37.10973	126.06
Si	-25.8515	-23.8655	-1.7306	37.33309	148.47
Si	-26.3514	-16.408	-17.3058	37.35286	145.66
Si	11.4363	-8.4505	34.6115	37.35905	155.89
Si	-0.993	-33.809	12.114	37.40521	172.62
Si	6.4646	26.3514	-27.6892	37.54137	153.18
Si	28.8373	25.8515	-8.6529	37.62877	155.26
Si	38.7807	0.993	5.1917	37.65077	161.46
Si	-25.8515	-23.8655	5.1917	37.6526	148.37
Si	11.4363	31.3231	-20.7669	37.68257	145.02
Si	-18.8939	23.8655	22.4975	37.71328	128.04
Si	-23.3656	-23.3656	-13.8446	37.78311	141.13
Si	-18.8939	-10.9363	29.4198	37.8897	132.71
Si	15.908	13.9222	-32.8809	37.9926	139.39
Si	13.4222	28.3373	-24.2281	38.07793	144.05
Si	-25.8515	-3.9787	25.9586	38.09859	138.06
Si	-3.9787	-25.8515	-25.9586	38.09859	139.03
Si	-20.8798	10.9363	-29.4198	38.14758	153.28

Si	28.8373	15.908	-22.4975	38.23148	144.6
Si	38.2807	3.4788	10.3835	38.27665	160.31
Si	-15.908	-28.8373	-15.5752	38.2792	133.58
Si	8.9505	10.9363	-36.3421	38.28238	140.37
Si	8.9505	35.7948	-15.5752	38.40345	144.78
Si	-20.8798	-8.9505	-29.4198	38.40732	147.52
Si	35.7948	13.9222	-12.114	38.44294	142.66
Si	-8.4505	-23.3656	27.6892	38.51633	135.34
Si	26.3514	-8.4505	-27.6892	38.51633	149.51
Si	5.9646	38.7807	8.6529	38.53888	133.48
Si	20.8798	28.8373	-19.0363	38.54796	147.54
Si	-18.8939	-30.8231	-5.1917	38.56035	136.14
Si	28.3373	23.3656	-17.3058	38.7108	146.43
Si	11.4363	-33.309	13.8446	38.75199	165.17
Si	-21.3797	-1.4929	31.1504	38.761	140.86
Si	-26.3514	13.4222	-24.2281	38.78932	140.9
Si	-23.8655	23.8655	-19.0363	38.80681	134.15
Si	31.3231	26.3514	0	38.83022	148.5
Si	28.3373	-26.3514	-3.4611	38.83177	132.72
Si	3.9787	-23.8655	-29.4198	38.91984	137.78
Si	3.4788	-6.4646	38.0727	38.94602	148.06
Si	11.4363	-13.4222	34.6115	38.97804	154.45
Si	11.4363	16.408	34.6115	38.97804	123.5
Si	38.7807	-8.9505	5.1917	39.06909	136.85
Si	-26.3514	-11.4363	-24.2281	39.10841	144.31
Si	-31.3231	-11.4363	-17.3058	39.28795	142.65
Si	-28.3373	-13.4222	20.7669	39.28823	134.76
Si	-10.9363	-33.809	12.114	39.33773	144.57
Si	28.3373	28.3373	10.3835	39.3581	144.05
Si	10.9363	38.7807	8.6529	39.42623	132.23
Si	26.3514	31.3231	-6.9223	39.44242	154.97
Si	21.3797	21.3797	-27.6892	39.46722	138.24
Si	40.7666	-0.993	-5.1917	39.69324	154.17
Si	18.3939	-16.408	-31.1504	39.70429	135.94
Si	8.4505	-36.2948	10.3835	39.80119	161.42
Si	-10.9363	-8.9505	-36.3421	39.80322	138.47
Si	18.8939	-28.8373	19.0363	39.81323	166.05
Si	-21.3797	23.3656	-24.2281	39.85686	133.72
Si	0.993	-0.993	-39.8032	39.8839	135.18
Si	1.4929	21.3797	-34.6115	39.91793	149.01
Si	18.3939	33.309	-17.3058	39.96745	145.78
Si	33.309	23.3656	10.3835	39.98119	144.87
Si	25.8515	-20.8798	22.4975	40.00013	167.49
Si	-13.9222	-20.8798	29.4198	40.04601	129.45
Si	5.9646	3.9787	-39.8032	40.13069	138.18
Si	-13.9222	8.9505	36.3421	40.17444	127
Si	-23.8655	-15.908	-25.9586	40.24542	143.99
Si	8.9505	40.7666	5.1917	40.31115	133.12
Si	-16.408	28.3373	24.2281	40.34926	126.9
Si	15.908	-25.8515	-25.9586	40.36533	133.23
Si	23.8655	-23.8655	-22.4975	40.61678	143.5
Si	-33.309	-18.3939	-6.9223	40.67647	136.5
Si	36.2948	-18.3939	6.9223	40.67647	129.3
Si	5.9646	8.9505	-39.8032	40.74197	138.5
Si	33.309	-6.4646	-24.2281	40.7748	146.39
Si	33.809	20.8798	-15.5752	40.77699	144.57
Si	-30.8231	25.8515	5.1917	40.79976	140.79
Si	-23.3656	-23.3656	20.7669	40.8308	130.42
Si	26.3514	26.3514	-20.7669	40.8308	147.08
Si	3.4788	-31.3231	24.2281	40.8391	148.63
Si	-15.908	30.8231	-22.4975	40.85576	134.92
Si	-20.8798	35.7948	-1.7306	40.98968	128.17

Si	6.4646	-28.3373	-27.6892	41.00305	134.69
Si	31.3231	-3.4788	-27.6892	41.00305	145.22
Si	6.4646	31.3231	27.6892	41.00305	124.06
Si	-16.408	38.2807	-3.4611	41.05806	124.79
Si	-23.3656	-28.3373	13.8446	41.22449	141.07
Si	40.7666	13.9222	1.7306	41.22985	138.66
Si	38.7807	-13.9222	-8.6529	41.26587	154.27
Si	-21.3797	-31.3231	-10.3835	41.32628	136.13
Si	-31.3231	-21.3797	-10.3835	41.32628	138.48
Si	10.9363	38.7807	15.5752	41.49869	127.11
Si	40.7666	13.9222	-5.1917	41.51939	137.56
Si	1.4929	1.4929	-41.5338	41.5338	136.66
Si	-6.4646	-31.3231	-24.2281	41.55972	134.58
Si	-38.2807	11.4363	-6.9223	41.57798	120.97
Si	-23.8655	-0.993	-32.8809	41.5979	133.96
Si	8.9505	35.7948	-22.4975	41.69382	143.95
Si	-8.4505	36.2948	20.7669	41.72898	124.58
Si	11.4363	36.2948	20.7669	41.72898	124.44
Si	33.309	13.4222	24.2281	41.73213	124.8
Si	-18.8939	3.9787	36.3421	41.74381	132.7
Si	40.7666	-5.9646	-12.114	41.77062	154.72
Si	35.7948	-20.8798	8.6529	41.85727	129.51
Si	-36.2948	-16.408	3.4611	41.95631	150.22
Si	-3.9787	13.9222	-39.8032	42.05617	147.84
Si	-16.408	23.3656	-31.1504	42.06188	129.18
Si	23.8655	-33.809	5.1917	42.11544	125.34
Si	-16.408	3.4788	-38.0727	42.11784	139.89
Si	6.4646	-3.4788	41.5338	42.12472	147.13
Si	-23.3656	-18.3939	-27.6892	42.19149	145.13
Si	-30.8231	-13.9222	-22.4975	42.28578	144.59
Si	-13.9222	-30.8231	22.4975	42.28578	140.26
Si	23.3656	33.309	17.3058	42.31038	128.88
Si	-6.4646	-36.2948	17.3058	42.31691	143.87
Si	-6.4646	-36.2948	-17.3058	42.31691	127.55
Si	-36.2948	-6.4646	17.3058	42.31691	122.48
Si	6.4646	-38.2807	-13.8446	42.40672	123.94
Si	-3.4788	41.2665	-13.8446	42.40672	133.57
Si	-6.4646	18.3939	38.0727	42.40864	112.47
Si	33.309	-26.3514	-3.4611	42.42109	130.19
Si	-31.3231	13.4222	24.2281	42.49937	114.88
Si	-18.3939	-13.4222	34.6115	42.61339	132.18
Si	-11.4363	38.2807	-17.3058	42.6614	134.85
Si	-25.8515	15.908	-29.4198	42.67357	141.33
Si	8.9505	-38.7807	12.114	42.7121	161.71
Si	-11.4363	-31.3231	24.2281	42.7908	141.86
Si	-23.3656	-3.4788	34.6115	42.90243	140.69
Si	33.309	28.3373	-10.3835	42.9034	152.99
Si	-26.3514	23.3656	24.2281	42.9036	126.61
Si	-20.8798	5.9646	-36.3421	42.91013	140.28
Si	10.9363	-35.7948	-19.0363	42.91779	122.94
Si	38.7807	10.9363	19.0363	42.91779	117.59
Si	15.908	8.9505	-39.8032	42.98497	132.82
Si	-41.2665	-1.4929	3.4611	43.00303	115.55
Si	-26.3514	-31.3231	3.4611	43.17609	142.75
Si	-13.4222	36.2948	20.7669	43.18445	125.05
Si	-13.9222	-35.7948	15.5752	43.25027	142.64
Si	-8.4505	41.2665	13.8446	43.2722	122.98
Si	33.309	18.3939	24.2281	43.41551	124.97
Si	43.7524	-3.9787	-8.6529	43.48186	154.17
Si	-11.4363	-36.2948	17.3058	43.52658	142.67
Si	-15.908	-28.8373	25.9586	43.54952	140
Si	-28.8373	-15.908	-25.9586	43.54952	146.24

Si	-40.7666	10.9363	5.1917	43.61185	110.01
Si	-6.4646	-41.2665	-3.4611	43.63104	119.5
Si	28.3373	-31.3231	10.3835	43.65006	125.26
Si	-30.8231	0.993	-29.4198	43.7047	123.49
Si	-15.908	-33.809	19.0363	43.71951	142.67
Si	20.8798	38.7807	-12.114	43.73758	144.34
Si	-16.408	33.309	-24.2281	43.81444	135
Si	33.309	-16.408	-24.2281	43.81444	139.81
Si	11.4363	11.4363	41.5338	43.84973	114.59
Si	43.2524	-11.4363	-3.4611	43.85202	150.03
Si	-5.9646	0.993	-43.2644	43.90525	133.67
Si	-30.8231	5.9646	-29.4198	43.93003	124.23
Si	33.809	5.9646	-29.4198	43.93003	129.92
Si	3.4788	23.3656	38.0727	43.95322	116.22
Si	-8.9505	28.8373	-32.8809	44.02195	120.02
Si	-28.3373	26.3514	20.7669	44.03465	127.1
Si	-28.8373	13.9222	29.4198	44.04461	116.06
Si	3.4788	38.2807	24.2281	44.09404	120.57
Si	5.9646	8.9505	43.2644	44.12955	112.72
Si	1.4929	16.408	41.5338	44.13068	115.09
Si	-1.4929	38.2807	-24.2281	44.15038	126.67
Si	-40.7666	-3.9787	12.114	44.30068	119.59
Si	-18.8939	33.809	22.4975	44.34053	125.89
Si	25.8515	8.9505	36.3421	44.38131	113.44
Si	-8.9505	43.7524	8.6529	44.38239	121.84
Si	23.3656	-21.3797	-31.1504	44.40625	133.93
Si	-3.4788	16.408	41.5338	44.40985	112.69
Si	38.2807	-16.408	-17.3058	44.42154	139.01
Si	28.3373	18.3939	-31.1504	44.45908	127.62
Si	1.4929	-33.309	-27.6892	44.47318	129.11
Si	1.4929	-33.309	27.6892	44.47318	147.55
Si	1.4929	36.2948	-27.6892	44.47318	128.95
Si	-1.4929	-21.3797	38.0727	44.51514	130.68
Si	-41.2665	8.4505	10.3835	44.54874	111.57
Si	38.2807	8.4505	24.2281	44.59539	117.6
Si	-0.993	-38.7807	19.0363	44.61525	147.82
Si	33.809	-28.8373	5.1917	44.62285	127.04
Si	43.2524	13.4222	-10.3835	44.654	137.76
Si	30.8231	-5.9646	-32.8809	44.68818	143.05
Si	33.809	10.9363	-29.4198	44.71051	130.6
Si	-23.3656	-23.3656	27.6892	44.75022	128.21
Si	-23.3656	26.3514	-27.6892	44.75022	132.61
Si	36.2948	-3.4788	27.6892	44.75022	115.1
Si	-18.8939	-0.993	-39.8032	44.78946	138.47
Si	-35.7948	25.8515	5.1917	44.84049	139.28
Si	43.2524	-11.4363	10.3835	44.93146	129.27
Si	3.4788	-36.2948	-24.2281	44.93164	128.06
Si	-36.2948	3.4788	-24.2281	44.93164	120.75
Si	-33.309	-23.3656	-13.8446	44.9532	138.78
Si	-23.3656	36.2948	-13.8446	44.9532	122.28
Si	15.908	-25.8515	-32.8809	45.12942	128.68
Si	-18.3939	-33.309	-20.7669	45.14334	126.5
Si	-3.4788	41.2665	-20.7669	45.14334	128.02
Si	16.408	26.3514	34.6115	45.14821	117.96
Si	-18.8939	18.8939	36.3421	45.15705	123.5
Si	-5.9646	45.7383	5.1917	45.1688	123.07
Si	-40.7666	-8.9505	12.114	45.18489	119.58
Si	16.408	11.4363	41.5338	45.23702	114.63
Si	16.408	-8.4505	-41.5338	45.23702	117.29
Si	-36.2948	-16.408	-17.3058	45.25308	138.89
Si	1.4929	46.2382	6.9223	45.27759	122.11
Si	-16.408	18.3939	38.0727	45.33887	122.74

Si	18.3939	-16.408	38.0727	45.33887	142.27
Si	-3.9787	13.9222	43.2644	45.34568	114.09
Si	-13.9222	-20.8798	36.3421	45.37517	124.58
Si	-10.9363	40.7666	19.0363	45.37938	123.91
Si	-25.8515	-23.8655	25.9586	45.43803	129.6
Si	-40.7666	15.908	-8.6529	45.48109	120.86
Si	-25.8515	-33.809	-8.6529	45.48413	135.89
Si	3.4788	8.4505	-44.995	45.57299	136.16
Si	-26.3514	28.3373	24.2281	45.63908	126.45
Si	-15.908	-28.8373	-29.4198	45.69721	123.11
Si	-10.9363	30.8231	32.8809	45.78105	116.58
Si	-3.9787	28.8373	36.3421	45.80829	115.23
Si	-33.309	31.3231	0	45.83681	132.98
Si	46.2382	11.4363	0	45.83681	137.87
Si	-41.2665	-11.4363	-10.3835	45.86226	127.04
Si	13.9222	20.8798	39.8032	45.98513	116.41
Si	3.9787	-13.9222	-43.2644	45.99575	119.59
Si	33.809	15.908	-29.4198	46.0179	132.39
Si	1.4929	21.3797	41.5338	46.04934	115.38
Si	-15.908	-13.9222	39.8032	46.09461	130.26
Si	-43.7524	8.9505	-5.1917	46.14869	117.94
Si	-41.2665	-1.4929	-17.3058	46.22521	118.38
Si	-10.9363	-38.7807	19.0363	46.24745	141.92
Si	-30.8231	25.8515	-22.4975	46.30121	132.65
Si	6.4646	-18.3939	41.5338	46.31694	128.34
Si	-13.9222	33.809	29.4198	46.34085	117.8
Si	-3.9787	33.809	-32.8809	46.42651	116.22
Si	-10.9363	-28.8373	32.8809	46.428	128.26
Si	-5.9646	45.7383	12.114	46.47597	119.99
Si	18.8939	-38.7807	-15.5752	46.55468	113.79
Si	41.2665	-18.3939	13.8446	46.57357	125.52
Si	21.3797	-38.2807	-13.8446	46.57357	113.51
Si	25.8515	3.9787	-39.8032	46.7313	124.19
Si	-0.993	25.8515	39.8032	46.7313	111.7
Si	31.3231	11.4363	34.6115	46.76182	112.61
Si	-28.3373	-8.4505	-34.6115	46.76182	126.88
Si	0.993	3.9787	-46.7255	46.79427	136.05
Si	-0.993	0.993	46.7255	46.79427	141.79
Si	23.8655	-38.7807	-8.6529	46.87608	111.47
Si	-1.4929	48.2241	-3.4611	46.95423	122.78
Si	28.8373	25.8515	-29.4198	46.97421	127.81
Si	-23.3656	21.3797	-34.6115	47.02537	130.21
Si	21.3797	26.3514	34.6115	47.02537	117.47
Si	13.4222	8.4505	-44.995	47.06657	132.83
Si	28.3373	8.4505	-38.0727	47.10156	124.01
Si	-0.993	-3.9787	46.7255	47.11043	140.68
Si	18.3939	-41.2665	-10.3835	47.13625	112.01
Si	35.7948	33.809	1.7306	47.15873	132.16
Si	18.3939	38.2807	24.2281	47.18034	117.58
Si	25.8515	8.9505	-39.8032	47.25728	125.28
Si	8.9505	25.8515	39.8032	47.25728	120.1
Si	-1.4929	-26.3514	38.0727	47.26253	129.63
Si	-10.9363	15.908	-43.2644	47.26615	137.74
Si	-13.4222	-38.2807	-20.7669	47.2828	124.7
Si	20.8798	43.7524	8.6529	47.29253	120.94
Si	43.7524	10.9363	19.0363	47.30139	117
Si	0.993	8.9505	-46.7255	47.31954	134.17
Si	28.8373	-18.8939	32.8809	47.37603	113.84
Si	-36.2948	-21.3797	17.3058	47.44002	130.41
Si	5.9646	-45.7383	1.7306	47.47392	119.3
Si	-41.2665	-16.408	-10.3835	47.50394	128.24
Si	-15.908	10.9363	-43.2644	47.57917	135.9

Si	18.8939	-23.8655	-36.3421	47.60873	128.71
Si	-3.9787	-5.9646	-46.7255	47.63222	126.19
Si	-26.3514	8.4505	38.0727	47.67851	113.57
Si	-28.3373	26.3514	-27.6892	47.69148	132.16
Si	26.3514	-28.3373	-27.6892	47.69148	133.09
Si	38.7807	-23.8655	-15.5752	47.70758	129.78
Si	28.8373	15.908	-36.3421	47.71013	124.87
Si	10.9363	3.9787	-46.7255	47.73502	133.86
Si	-38.7807	13.9222	22.4975	47.77637	109.85
Si	-28.8373	-20.8798	29.4198	47.81189	127.49
Si	45.7383	18.8939	-5.1917	47.82675	136.15
Si	-3.9787	-45.7383	-5.1917	47.82964	119.74
Si	-28.3373	-33.309	-13.8446	47.882	135.37
Si	-33.309	31.3231	13.8446	47.882	131.03
Si	3.4788	48.2241	10.3835	47.91205	121.61
Si	-5.9646	-28.8373	-36.3421	47.91951	116.86
Si	-0.993	-8.9505	46.7255	47.94285	140.15
Si	-38.7807	3.9787	-25.9586	47.97904	121.14
Si	20.8798	8.9505	43.2644	47.9924	114.27
Si	-13.4222	-28.3373	34.6115	48.06513	127.38
Si	-30.8231	25.8515	25.9586	48.07823	126.3
Si	5.9646	43.7524	22.4975	48.0832	117.3
Si	-18.8939	-35.7948	22.4975	48.08463	142.83
Si	-33.809	-30.8231	-5.1917	48.14044	130.71
Si	28.3373	33.309	24.2281	48.16518	120.93
Si	-45.7383	5.9646	-8.6529	48.225	117.65
Si	3.9787	45.7383	19.0363	48.23082	115.79
Si	8.9505	10.9363	46.7255	48.25006	113.96
Si	43.2524	18.3939	-17.3058	48.2596	122.65
Si	13.9222	25.8515	39.8032	48.29204	117.81
Si	0.993	-25.8515	-39.8032	48.29348	118.49
Si	-11.4363	28.3373	38.0727	48.34576	115.79
Si	48.2241	13.4222	3.4611	48.35383	138.3
Si	-13.4222	-18.3939	-41.5338	48.40456	117.56
Si	18.8939	-43.7524	-1.7306	48.50691	111.17
Si	-10.9363	5.9646	46.7255	48.55674	112.43
Si	-38.7807	-20.8798	15.5752	48.63209	129.39
Si	-23.3656	6.4646	-41.5338	48.65922	139.08
Si	1.4929	-3.4788	48.4561	48.71049	141.45
Si	-3.4788	-38.2807	-27.6892	48.71703	126.34
Si	41.2665	-3.4788	27.6892	48.71703	115.61
Si	-40.7666	10.9363	-22.4975	48.7973	122.83
Si	38.7807	-28.8373	-8.6529	48.83817	125.32
Si	38.2807	-6.4646	31.1504	48.85702	114.91
Si	26.3514	-38.2807	13.8446	48.90355	116.74
Si	-26.3514	-11.4363	-38.0727	48.90804	124.22
Si	-3.9787	33.809	36.3421	48.93887	111.81
Si	33.809	-3.9787	-36.3421	48.93887	141.93
Si	20.8798	43.7524	15.5752	49.03363	118.99
Si	-18.3939	-38.2807	20.7669	49.07839	143.1
Si	23.3656	-41.2665	-10.3835	49.13855	111.76
Si	-41.2665	23.3656	-10.3835	49.13855	116.07
Si	-8.9505	-45.7383	8.6529	49.13977	119.4
Si	48.724	-8.9505	-8.6529	49.13977	151.62
Si	-13.4222	46.2382	-13.8446	49.15562	136.37
Si	-43.2524	-13.4222	-13.8446	49.15562	128.17
Si	10.9363	28.8373	-39.8032	49.20557	116.79
Si	-41.2665	-1.4929	-24.2281	49.23698	119.78
Si	-23.8655	-40.7666	1.7306	49.31437	124.31
Si	13.4222	48.2241	-10.3835	49.33487	107.34
Si	-20.8798	30.8231	32.8809	49.41613	118.48
Si	-43.7524	13.9222	15.5752	49.4389	107.77

Si	13.9222	-8.9505	46.7255	49.46538	117.5
Si	-38.2807	11.4363	-27.6892	49.47224	123.28
Si	-8.4505	-38.2807	-27.6892	49.47224	126.56
Si	-16.408	-41.2665	17.3058	49.48027	140.55
Si	-10.9363	-38.7807	25.9586	49.50046	140.45
Si	-28.8373	-35.7948	-12.114	49.56858	133.91
Si	-28.8373	38.7807	-12.114	49.56858	121.8
Si	-43.2524	6.4646	-20.7669	49.57947	120.6
Si	-20.8798	20.8798	39.8032	49.60526	122.49
Si	23.3656	33.309	-31.1504	49.6087	118.33
Si	-36.2948	-6.4646	-31.1504	49.61428	124.12
Si	35.7948	33.809	15.5752	49.63403	114.94
Si	-35.7948	15.908	-29.4198	49.63564	124.38
Si	36.2948	36.2948	-6.9223	49.70174	126.03
Si	-3.4788	11.4363	-48.4561	49.71501	133.46
Si	6.4646	11.4363	-48.4561	49.71501	133.79
Si	6.4646	-8.4505	-48.4561	49.71501	118.95
Si	38.7807	0.993	32.8809	49.71701	112.79
Si	-30.8231	-8.9505	-36.3421	49.7407	123.24
Si	-20.8798	-8.9505	-43.2644	49.8137	125.15
Si	21.3797	-28.3373	-34.6115	49.83254	128.52
Si	-38.7807	-20.8798	-19.0363	49.84853	139.51
Si	-3.4788	-48.2241	0	49.96497	118.56
Si	-15.908	-43.7524	12.114	49.96674	133.52
Si	43.2524	-11.4363	24.2281	49.98018	113.87
Si	-36.2948	-26.3514	17.3058	50.02704	130.37
Si	-15.908	45.7383	-15.5752	50.03029	135.36
Si	45.7383	18.8939	15.5752	50.03029	113.76
Si	-0.993	35.7948	-36.3421	50.03549	115.4
Si	-23.8655	-40.7666	8.6529	50.03783	125.66
Si	-5.9646	50.7099	5.1917	50.04885	119.98
Si	-15.908	5.9646	46.7255	50.0606	113.77
Si	36.2948	-8.4505	34.6115	50.07993	114.14
Si	1.4929	-48.2241	6.9223	50.1966	117.37
Si	-15.908	-23.8655	39.8032	50.3005	121.6
Si	-8.4505	-43.2524	20.7669	50.32174	138.65
Si	-43.2524	-8.4505	20.7669	50.32174	116.47
Si	-28.8373	-25.8515	29.4198	50.33046	128.74
Si	35.7948	23.8655	29.4198	50.42502	114.31
Si	8.9505	-38.7807	-29.4198	50.42913	123.91
Si	-10.9363	15.908	46.7255	50.45351	114.17
Si	-0.993	-48.724	5.1917	50.54578	116.31
Si	-43.7524	-0.993	22.4975	50.59099	115.39
Si	10.9363	48.724	15.5752	50.6216	121.15
Si	26.3514	16.408	41.5338	50.65039	112.19
Si	1.4929	16.408	48.4561	50.69964	114.19
Si	3.9787	-33.809	-36.3421	50.7262	121.69
Si	15.908	23.8655	43.2644	50.79506	115.83
Si	-11.4363	-41.2665	-24.2281	50.81859	123.56
Si	46.2382	-18.3939	-13.8446	50.88516	136.17
Si	35.7948	38.7807	-5.1917	50.93088	125.43
Si	8.9505	5.9646	-50.1867	50.9344	134.04
Si	-33.309	-23.3656	27.6892	50.94908	128.41
Si	-48.724	3.9787	8.6529	51.01758	109.09
Si	-46.2382	-16.408	-3.4611	51.09481	121.59
Si	-33.309	36.2948	-13.8446	51.12746	122.29
Si	-41.2665	-26.3514	3.4611	51.14343	121.04
Si	18.3939	43.2524	24.2281	51.15172	115.56
Si	-8.4505	-48.2241	6.9223	51.17196	117.28
Si	51.2099	-8.4505	6.9223	51.17196	122.26
Si	-3.9787	48.724	-19.0363	51.21623	124.84
Si	8.9505	50.7099	12.114	51.23166	121.36

Si	48.2241	13.4222	17.3058	51.24063	114.19
Si	-0.993	40.7666	32.8809	51.28113	112.54
Si	-33.809	-15.908	-32.8809	51.28517	129.94
Si	18.3939	-16.408	-44.995	51.28968	112.39
Si	-33.309	-13.4222	34.6115	51.29901	113.95
Si	20.8798	-45.7383	-5.1917	51.31847	113.36
Si	6.4646	-28.3373	-41.5338	51.37719	121.97
Si	6.4646	31.3231	-41.5338	51.37719	117.67
Si	28.3373	23.3656	38.0727	51.4642	112.14
Si	35.7948	-10.9363	36.3421	51.49618	114.41
Si	8.9505	-48.724	-8.6529	51.4998	110.88
Si	40.7666	28.8373	-19.0363	51.50257	123.82
Si	46.2382	16.408	-20.7669	51.5351	122.83
Si	16.408	-43.2524	20.7669	51.5351	114.33
Si	25.8515	38.7807	-25.9586	51.55158	116.42
Si	-3.9787	33.809	-39.8032	51.56125	115.14
Si	-28.8373	13.9222	-39.8032	51.56259	131.94
Si	11.4363	16.408	48.4561	51.66551	114.66
Si	3.9787	50.7099	-15.5752	51.68253	116.5
Si	-40.7666	30.8231	5.1917	51.70182	129.87
Si	13.9222	-48.724	-1.7306	51.76121	111.21
Si	38.7807	15.908	32.8809	51.76222	114.54
Si	43.7524	-3.9787	-29.4198	51.7815	127.22
Si	-20.8798	30.8231	-36.3421	51.78364	115.37
Si	10.9363	-45.7383	-19.0363	51.79133	113.28
Si	-36.2948	18.3939	31.1504	51.80636	110.29
Si	-20.8798	0.993	46.7255	51.80791	113.06
Si	51.2099	6.4646	13.8446	51.84757	114.1
Si	6.4646	-48.2241	-13.8446	51.84757	109.36
Si	-48.2241	6.4646	13.8446	51.84757	108.47
Si	-3.4788	-48.2241	-13.8446	51.84757	116.17
Si	-10.9363	5.9646	-50.1867	51.8959	127.93
Si	28.3373	33.309	-31.1504	51.9926	118.43
Si	5.9646	23.8655	-46.7255	51.99814	119.88
Si	-23.8655	38.7807	-25.9586	52.0315	116.98
Si	28.8373	20.8798	39.8032	52.0371	112.77
Si	-25.8515	-23.8655	-36.3421	52.07217	122.73
Si	20.8798	-10.9363	-46.7255	52.09233	114.27
Si	-8.4505	-28.3373	-41.5338	52.09384	117.18
Si	-28.3373	11.4363	41.5338	52.09384	113.15
Si	-8.4505	31.3231	41.5338	52.09384	115.25
Si	11.4363	31.3231	41.5338	52.09384	116.09
Si	-16.408	-36.2948	-31.1504	52.14112	121.47
Si	5.9646	38.7807	36.3421	52.26012	114.12
Si	-38.7807	28.8373	-19.0363	52.26906	118.96
Si	-23.3656	21.3797	-41.5338	52.33055	128.32
Si	-30.8231	20.8798	-36.3421	52.35383	129.22
Si	-38.7807	33.809	8.6529	52.35607	127.83
Si	21.3797	41.2665	27.6892	52.38431	118.16
Si	-18.3939	-38.2807	-27.6892	52.38431	120.39
Si	-21.3797	-26.3514	38.0727	52.42125	118.39
Si	51.2099	-8.4505	13.8446	52.55782	123.71
Si	8.4505	43.2524	31.1504	52.56052	114.42
Si	43.2524	28.3373	-17.3058	52.57344	125.48
Si	35.7948	3.9787	-39.8032	52.60323	124.34
Si	33.809	-23.8655	32.8809	52.61685	109.15
Si	-43.2524	1.4929	-27.6892	52.61971	119.71
Si	48.2241	18.3939	17.3058	52.6207	113.13
Si	-38.2807	1.4929	-34.6115	52.72471	122.71
Si	23.8655	-18.8939	-43.2644	52.80114	113.26
Si	-40.7666	30.8231	12.114	52.84765	126.73
Si	16.408	16.408	48.4561	52.84803	114.39

Si	46.2382	-3.4788	27.6892	52.85406	113.6
Si	46.2382	6.4646	-27.6892	52.85406	105.8
Si	23.8655	-38.7807	25.9586	52.88047	112.28
Si	15.908	48.724	-19.0363	52.9241	106.22
Si	-28.8373	-15.908	-39.8032	52.9812	122
Si	-6.4646	8.4505	-51.9173	52.98236	129.32
Si	-6.4646	28.3373	44.995	52.99518	114.1
Si	-26.3514	-1.4929	-44.995	52.99779	128.83
Si	-23.3656	-43.2524	13.8446	53.02603	127.89
Si	48.2241	8.4505	-24.2281	53.09625	106.91
Si	13.9222	50.7099	-15.5752	53.09793	107.01
Si	38.7807	-8.9505	-36.3421	53.10543	139.08
Si	46.2382	21.3797	20.7669	53.18732	112.86
Si	45.7383	-0.993	29.4198	53.19167	115.15
Si	-45.7383	-13.9222	19.0363	53.20514	116.48
Si	3.9787	-23.8655	46.7255	53.22128	119.13
Si	43.7524	20.8798	25.9586	53.24999	112.74
Si	31.3231	16.408	41.5338	53.26685	112.9
Si	5.9646	18.8939	50.1867	53.30564	114.88
Si	21.3797	11.4363	-48.4561	53.31369	122.1
Si	13.4222	-1.4929	-51.9173	53.35376	123.56
Si	43.2524	13.4222	-31.1504	53.44631	110.3
Si	18.3939	-46.2382	17.3058	53.51066	113.24
Si	-46.2382	23.3656	-10.3835	53.52092	116.62
Si	43.7524	0.993	32.8809	53.54686	112.63
Si	-1.4929	-11.4363	-51.9173	53.58619	118.62
Si	-23.8655	-45.7383	1.7306	53.63606	127.44
Si	-5.9646	45.7383	-29.4198	53.65435	114.28
Si	8.9505	-23.8655	46.7255	53.68371	119.68
Si	-48.2241	16.408	-13.8446	53.7207	117.45
Si	13.4222	8.4505	51.9173	53.7226	109.27
Si	-33.809	-5.9646	-39.8032	53.72273	123.16
Si	30.8231	-40.7666	15.5752	53.74673	113.69
Si	40.7666	-20.8798	29.4198	53.93031	109.11
Si	-8.9505	53.6957	8.6529	53.93583	118.61
Si	-21.3797	-46.2382	10.3835	53.93728	127.13
Si	13.9222	-13.9222	-50.1867	53.95194	112.91
Si	-11.4363	28.3373	44.995	53.96602	112.92
Si	8.9505	40.7666	-36.3421	54.02575	109.31
Si	-48.724	13.9222	15.5752	54.02605	108.01
Si	-13.9222	-20.8798	-46.7255	54.05029	118.74
Si	28.8373	25.8515	39.8032	54.08649	112.49
Si	-6.4646	-46.2382	-24.2281	54.11634	118.44
Si	-25.8515	30.8231	-36.3421	54.11769	114.61
Si	35.7948	-35.7948	-19.0363	54.12377	108.76
Si	43.7524	-23.8655	-22.4975	54.17609	114.52
Si	-28.3373	46.2382	6.9223	54.22085	113.6
Si	-18.8939	3.9787	50.1867	54.22639	113.7
Si	-41.2665	13.4222	-31.1504	54.23116	123.19
Si	-43.7524	28.8373	-12.114	54.23648	119.38
Si	-45.7383	15.908	-22.4975	54.26522	121.56
Si	30.8231	23.8655	-39.8032	54.26873	117.65
Si	45.7383	28.8373	15.5752	54.29503	109.49
Si	8.9505	20.8798	-50.1867	54.31544	119.8
Si	5.9646	8.9505	-53.6478	54.34796	133.72
Si	40.7666	38.7807	-5.1917	54.40358	125.34
Si	-3.9787	-25.8515	-46.7255	54.4144	115.11
Si	-3.4788	36.2948	41.5338	54.41458	112.66
Si	-40.7666	35.7948	-1.7306	54.45622	124.48
Si	-23.3656	41.2665	-27.6892	54.46628	118.95
Si	-11.4363	-26.3514	44.995	54.47031	120.94
Si	-11.4363	38.2807	38.0727	54.49801	113.28

Si	18.3939	53.1958	-3.4611	54.50517	105.03
Si	-15.908	-48.724	12.114	54.50949	129.93
Si	-35.7948	0.993	39.8032	54.54285	111.12
Si	53.6957	-8.9505	12.114	54.59808	122.51
Si	-50.7099	-8.9505	12.114	54.59808	108.85
Si	53.1958	-1.4929	17.3058	54.60397	113.45
Si	36.2948	41.2665	-13.8446	54.63318	115.54
Si	26.3514	6.4646	48.4561	54.6869	115.81
Si	-53.1958	1.4929	0	54.6887	108.44
Si	-43.2524	16.408	27.6892	54.69272	107.37
Si	-13.4222	46.2382	-27.6892	54.69272	112.74
Si	-11.4363	13.4222	51.9173	54.81672	115.16
Si	13.4222	-11.4363	51.9173	54.81672	116.03
Si	53.1958	-16.408	3.4611	54.82346	114.87
Si	13.4222	-46.2382	-24.2281	54.84127	112.97
Si	-45.7383	-8.9505	25.9586	54.89713	115.92
Si	-35.7948	-38.7807	-1.7306	54.91202	111.39
Si	-53.1958	6.4646	0	54.91422	105.19
Si	10.9363	-25.8515	-46.7255	54.95604	120.87
Si	-25.8515	10.9363	46.7255	54.95604	113.16
Si	28.8373	10.9363	46.7255	54.95604	113.88
Si	53.1958	8.4505	-17.3058	54.96442	107.99
Si	26.3514	-33.309	-34.6115	55.01884	121.61
Si	-15.908	15.908	-50.1867	55.039	129.28
Si	28.3373	18.3939	44.995	55.0528	112.92
Si	28.3373	18.3939	-44.995	55.0528	118.57
Si	-16.408	43.2524	31.1504	55.08759	106.55
Si	43.2524	-16.408	-31.1504	55.08759	114.26
Si	-18.8939	-25.8515	43.2644	55.09209	119.47
Si	35.7948	-40.7666	8.6529	55.11222	108.39
Si	-53.1958	1.4929	-6.9223	55.12506	108.84
Si	-38.7807	38.7807	-5.1917	55.12975	124.32
Si	28.8373	-8.9505	46.7255	55.13666	112.77
Si	-18.8939	-30.8231	-39.8032	55.17466	117.51
Si	-0.993	45.7383	32.8809	55.18139	111.24
Si	-48.724	-20.8798	-5.1917	55.21985	120.27
Si	28.3373	43.2524	-24.2281	55.24017	115.93
Si	13.9222	5.9646	53.6478	55.25008	110.23
Si	48.2241	18.3939	24.2281	55.28515	112.82
Si	51.2099	-18.3939	13.8446	55.30767	113.37
Si	-31.3231	33.309	31.1504	55.31273	111.77
Si	-3.9787	13.9222	-53.6478	55.33998	131.05
Si	8.4505	-16.408	51.9173	55.35568	112.53
Si	-16.408	28.3373	44.995	55.36795	114.44
Si	-15.908	-48.724	-15.5752	55.3816	115.21
Si	-20.8798	-33.809	-36.3421	55.38504	119.02
Si	-40.7666	15.908	32.8809	55.45099	108.3
Si	-51.2099	18.3939	-3.4611	55.45456	114.31
Si	-0.993	-53.6957	5.1917	55.48802	115.83
Si	-16.408	-6.4646	51.9173	55.49022	104.78
Si	35.7948	33.809	29.4198	55.55605	108.3
Si	26.3514	-48.2241	0	55.5853	112.6
Si	8.9505	45.7383	32.8809	55.62752	114.12
Si	18.8939	-28.8373	-43.2644	55.62838	121.4
Si	-18.8939	-20.8798	-46.7255	55.67252	119.31
Si	23.8655	-18.8939	46.7255	55.67252	111.04
Si	-40.7666	-23.8655	25.9586	55.70244	122.83
Si	-40.7666	-13.9222	32.8809	55.7193	110.31
Si	23.8655	10.9363	-50.1867	55.75317	123.49
Si	-23.8655	-35.7948	-32.8809	55.80844	120.49
Si	6.4646	6.4646	55.3784	55.82296	112.05
Si	-13.9222	-0.993	-53.6478	55.87389	117.04

Si	40.7666	23.8655	-32.8809	55.89374	114.86
Si	20.8798	-50.7099	-5.1917	55.928	112.1
Si	23.8655	-8.9505	-50.1867	55.93122	113.71
Si	-20.8798	45.7383	25.9586	55.9646	106.91
Si	11.4363	-53.1958	-6.9223	56.01467	110.09
Si	-48.2241	26.3514	-6.9223	56.01467	117.24
Si	56.1816	11.4363	-6.9223	56.01467	107.74
Si	21.3797	-18.3939	-48.4561	56.02645	112.42
Si	-18.3939	-43.2524	-27.6892	56.25228	120.39
Si	-43.2524	21.3797	-27.6892	56.25228	124.78
Si	-51.2099	18.3939	-10.3835	56.31203	117
Si	-13.9222	8.9505	-53.6478	56.31454	127.63
Si	8.9505	-33.809	-43.2644	56.33508	120.3
Si	-18.3939	-38.2807	34.6115	56.35051	124.8
Si	33.309	13.4222	-44.995	56.38367	118.49
Si	-35.7948	15.908	39.8032	56.41338	105.85
Si	-53.1958	1.4929	-13.8446	56.41389	111.09
Si	1.4929	56.1816	-13.8446	56.41389	116.51
Si	43.2524	-36.2948	-3.4611	56.42469	104.84
Si	-43.7524	8.9505	-32.8809	56.42608	123.31
Si	48.724	25.8515	19.0363	56.44911	111.74
Si	-41.2665	38.2807	3.4611	56.51273	124.64
Si	1.4929	46.2382	34.6115	56.56941	111.51
Si	-43.2524	1.4929	34.6115	56.56941	108.36
Si	-48.724	-0.993	-25.9586	56.5842	117.13
Si	43.2524	38.2807	10.3835	56.61284	106.35
Si	-3.4788	-53.1958	-13.8446	56.63254	116.47
Si	-15.908	-3.9787	53.6478	56.6641	104.39
Si	-13.9222	-35.7948	-39.8032	56.67712	114.49
Si	-33.309	46.2382	0	56.6861	115.89
Si	-6.4646	48.2241	-31.1504	56.72276	116.6
Si	18.8939	50.7099	-22.4975	56.84406	106.33
Si	-50.7099	0.993	-22.4975	56.84649	116.77
Si	30.8231	23.8655	43.2644	56.856	111.89
Si	26.3514	-28.3373	-41.5338	56.85809	117.06
Si	26.3514	-28.3373	41.5338	56.85809	108.25
Si	-6.4646	23.3656	51.9173	56.89585	107.46
Si	-45.7383	30.8231	12.114	56.90162	125.09
Si	1.4929	-28.3373	-48.4561	56.90197	117.01
Si	-38.2807	-28.3373	-27.6892	56.90757	90.04
Si	43.2524	8.4505	-38.0727	56.93673	110.17
Si	55.6816	18.8939	1.7306	56.9404	109.69
Si	-25.8515	50.7099	-8.6529	56.96406	109.66
Si	-25.8515	35.7948	-36.3421	56.96564	115.07
Si	28.8373	35.7948	-36.3421	56.96564	113.77
Si	-53.6957	8.9505	-12.114	56.99256	112.4
Si	33.809	-3.9787	46.7255	57.07487	107.81
Si	40.7666	33.809	-25.9586	57.10163	115.4
Si	-33.309	-43.2524	-6.9223	57.1072	113.64
Si	16.408	-53.1958	-6.9223	57.1072	111.58
Si	-38.7807	8.9505	-39.8032	57.11279	124.19
Si	-8.4505	11.4363	55.3784	57.13589	114.72
Si	-36.2948	-41.2665	3.4611	57.16866	110.46
Si	53.1958	-1.4929	24.2281	57.17607	109.61
Si	-10.9363	-33.809	-43.2644	57.20588	114.84
Si	13.9222	-33.809	-43.2644	57.20588	121.71
Si	-53.6957	13.9222	8.6529	57.22889	107.44
Si	-53.1958	-8.4505	13.8446	57.28349	109.62
Si	-8.4505	-53.1958	13.8446	57.28349	115.1
Si	-48.2241	-23.3656	-13.8446	57.28349	113.52
Si	-21.3797	-6.4646	-51.9173	57.28768	117.6
Si	-6.4646	-21.3797	-51.9173	57.28768	111.84

Si	-20.8798	50.7099	19.0363	57.31697	107.29
Si	-41.2665	-1.4929	-38.0727	57.33069	123.44
Si	38.2807	-41.2665	10.3835	57.35438	108.36
Si	-55.6816	5.9646	-1.7306	57.37526	107.59
Si	28.3373	-46.2382	-17.3058	57.43143	110.09
Si	-46.2382	28.3373	-17.3058	57.43143	119.98
Si	-8.4505	46.2382	-34.6115	57.43665	114.84
Si	46.2382	11.4363	-34.6115	57.43665	110.28
Si	-43.2524	11.4363	34.6115	57.43665	107.07
Si	-18.8939	-0.993	-53.6478	57.44465	117.82
Si	53.1958	-21.3797	10.3835	57.48184	111.03
Si	3.9787	55.6816	19.0363	57.48897	108.74
Si	8.4505	53.1958	24.2281	57.5204	106.75
Si	-13.4222	-3.4788	-55.3784	57.56688	115.95
Si	-3.4788	-13.4222	-55.3784	57.56688	117.07
Si	16.408	6.4646	-55.3784	57.56688	121.93
Si	16.408	6.4646	55.3784	57.56688	108.92
Si	15.908	43.7524	36.3421	57.57087	110.32
Si	43.7524	30.8231	25.9586	57.61922	107.8
Si	46.2382	31.3231	20.7669	57.64761	107.8
Si	31.3231	46.2382	-20.7669	57.64761	114.39
Si	31.3231	-43.2524	20.7669	57.64761	111.81
Si	53.1958	-6.4646	24.2281	57.64989	109.5
Si	40.7666	43.7524	1.7306	57.7172	113.1
Si	-30.8231	-18.8939	-43.2644	57.72133	120.8
Si	48.724	5.9646	32.8809	57.7229	109.85
Si	13.4222	43.2524	38.0727	57.75544	108.82
Si	-8.4505	31.3231	48.4561	57.76423	114.9
Si	11.4363	-28.3373	48.4561	57.76423	115.86
Si	11.4363	51.2099	-27.6892	57.76974	107.3
Si	-8.4505	-48.2241	-27.6892	57.76974	116.62
Si	23.3656	-11.4363	51.9173	57.80121	110.76
Si	8.9505	-53.6957	-15.5752	57.82723	110.38
Si	-48.724	28.8373	8.6529	57.83016	122.9
Si	-35.7948	20.8798	39.8032	57.8837	105.22
Si	-35.7948	10.9363	-43.2644	57.89094	122.63
Si	10.9363	-25.8515	50.1867	57.92749	115.59
Si	10.9363	28.8373	50.1867	57.92749	110.56
Si	-16.408	33.309	44.995	57.9418	113.81
Si	10.9363	-55.6816	1.7306	57.97502	112.7
Si	26.3514	-18.3939	-48.4561	57.97778	113.52
Si	21.3797	26.3514	48.4561	57.97778	111.46
Si	-23.8655	53.6957	1.7306	58.06189	107.7
Si	40.7666	28.8373	-32.8809	58.06279	110.79
Si	-35.7948	-38.7807	19.0363	58.09231	110.68
Si	55.6816	18.8939	-12.114	58.18903	107.72
Si	-23.3656	-43.2524	-27.6892	58.19604	119.73
Si	16.408	11.4363	-55.3784	58.20738	122.84
Si	-21.3797	-46.2382	24.2281	58.21007	122.89
Si	-18.8939	38.7807	-39.8032	58.22622	114.64
Si	-46.2382	13.4222	31.1504	58.23152	106.79
Si	38.7807	-28.8373	32.8809	58.23615	108.17
Si	-28.8373	-45.7383	15.5752	58.25191	124.44
Si	25.8515	53.6957	8.6529	58.25246	106.49
Si	-0.993	-48.724	-29.4198	58.25328	115.34
Si	0.993	53.6957	-25.9586	58.30298	111.81
Si	0.993	-50.7099	-25.9586	58.30298	118.85
Si	-36.2948	-21.3797	-38.0727	58.3146	119.24
Si	28.3373	53.1958	-3.4611	58.35916	100.65
Si	-31.3231	43.2524	-24.2281	58.37589	117.01
Si	-21.3797	-51.2099	10.3835	58.38285	128.12
Si	-25.8515	50.7099	-15.5752	58.41761	110.51

Si	25.8515	-15.908	50.1867	58.43658	111.38
Si	53.6957	5.9646	25.9586	58.47208	110.21
Si	28.3373	3.4788	51.9173	58.48048	115.33
Si	-0.993	40.7666	-43.2644	58.48423	111.14
Si	46.2382	16.408	34.6115	58.50263	110.91
Si	-41.2665	33.309	-24.2281	58.54596	117.11
Si	-15.908	-43.7524	32.8809	58.57543	125.86
Si	-40.7666	-38.7807	5.1917	58.60694	111.02
Si	5.9646	-10.9363	57.109	58.6167	111.23
Si	40.7666	38.7807	22.4975	58.64241	100.45
Si	-3.9787	-55.6816	-12.114	58.69939	115.32
Si	13.9222	-18.8939	53.6478	58.72133	112.09
Si	-30.8231	40.7666	-29.4198	58.75602	117.23
Si	-28.3373	-13.4222	-48.4561	58.82427	118.36
Si	31.3231	-13.4222	-48.4561	58.82427	112.99
Si	-36.2948	-1.4929	-44.995	58.83342	122.5
Si	-13.9222	33.809	-46.7255	58.86616	110.73
Si	8.9505	40.7666	-43.2644	58.90535	108.52
Si	20.8798	-45.7383	29.4198	58.92499	107.68
Si	3.9787	25.8515	53.6478	58.97124	109.76
Si	18.8939	55.6816	-15.5752	59.00678	104.86
Si	-45.7383	35.7948	-8.6529	59.01083	118.05
Si	-40.7666	20.8798	-36.3421	59.01235	120.8
Si	-18.3939	-3.4788	-55.3784	59.05057	116.97
Si	-55.6816	15.908	5.1917	59.19189	106.85
Si	-28.3373	-28.3373	41.5338	59.20083	110.79
Si	10.9363	-55.6816	-12.114	59.20184	111.19
Si	58.1675	18.3939	3.4611	59.24216	110.89
Si	43.2524	-16.408	38.0727	59.27752	111.38
Si	-36.2948	-6.4646	-44.995	59.29399	122.6
Si	28.3373	-41.2665	-31.1504	59.32396	106.46
Si	-45.7383	15.908	32.8809	59.32734	107.37
Si	-23.3656	51.2099	-20.7669	59.33792	111.15
Si	11.4363	-53.1958	20.7669	59.33792	110.86
Si	-48.724	23.8655	22.4975	59.40045	109.48
Si	23.8655	-48.724	-22.4975	59.40045	109.38
Si	-46.2382	18.3939	-31.1504	59.44953	123.66
Si	33.309	-31.3231	38.0727	59.48681	108.2
Si	-3.9787	-55.6816	15.5752	59.51012	113.01
Si	23.8655	30.8231	46.7255	59.53212	109.81
Si	58.1675	-16.408	3.4611	59.53513	114.54
Si	35.7948	-20.8798	43.2644	59.57319	109.86
Si	-5.9646	-38.7807	-43.2644	59.57667	111.72
Si	-45.7383	-33.809	-8.6529	59.5976	106.28
Si	26.3514	-33.309	-41.5338	59.61689	117.95
Si	-15.908	20.8798	53.6478	59.63834	111.29
Si	-38.2807	-33.309	27.6892	59.66409	119.22
Si	48.2241	-31.3231	-17.3058	59.66728	106.37
Si	-31.3231	48.2241	-17.3058	59.66728	112.52
Si	-8.4505	21.3797	55.3784	59.67515	108.62
Si	-40.7666	-28.8373	-29.4198	59.76038	90.46
Si	43.7524	-28.8373	-29.4198	59.76038	109.42
Si	0.993	38.7807	-46.7255	59.78211	111.38
Si	-25.8515	-23.8655	46.7255	59.78326	115.64
Si	-25.8515	-33.809	39.8032	59.81831	111.32
Si	28.3373	-11.4363	51.9173	59.85973	110.88
Si	-3.4788	-33.309	48.4561	59.86555	115.3
Si	6.4646	-58.1675	0	59.8672	114.48
Si	-20.8798	15.908	53.6478	59.88673	110.95
Si	-50.7099	30.8231	-1.7306	59.90322	118.78
Si	-30.8231	-48.724	5.1917	59.94183	118
Si	41.2665	-38.2807	20.7669	59.95951	104.41

Si	-15.908	55.6816	19.0363	60.0133	108.79
Si	-28.8373	-20.8798	-46.7255	60.03106	119.92
Si	-50.7099	15.908	25.9586	60.05651	106.73
Si	-48.724	3.9787	-32.8809	60.07559	118.67
Si	30.8231	-50.7099	-5.1917	60.10287	110.47
Si	25.8515	-20.8798	50.1867	60.10471	111.31
Si	-1.4929	13.4222	58.8396	60.11086	109.92
Si	55.6816	3.9787	-25.9586	60.13693	104.97
Si	-23.8655	38.7807	-39.8032	60.14752	115.45
Si	36.2948	36.2948	-34.6115	60.16893	109.73
Si	36.2948	-33.309	-34.6115	60.16893	113.74
Si	48.2241	-36.2948	-3.4611	60.19713	106.04
Si	15.908	-10.9363	57.109	60.19732	109.53
Si	3.4788	-56.1816	-17.3058	60.24766	111.4
Si	-56.1816	3.4788	17.3058	60.24766	102.1
Si	-28.8373	38.7807	36.3421	60.25812	102.51
Si	51.2099	21.3797	-27.6892	60.28231	104.95
Si	-46.2382	-26.3514	24.2281	60.33707	122.94
Si	10.9363	48.724	36.3421	60.33827	113.1
Si	-53.1958	-13.4222	-20.7669	60.37034	109.43
Si	38.2807	48.2241	10.3835	60.37353	102.4
Si	58.6675	20.8798	-1.7306	60.3968	109.87
Si	-28.8373	-50.7099	1.7306	60.39909	119.2
Si	-55.6816	5.9646	19.0363	60.42605	103.08
Si	13.4222	8.4505	58.8396	60.43847	108.39
Si	3.9787	60.6534	12.114	60.43913	105.29
Si	-55.6816	-13.9222	12.114	60.44256	109.79
Si	58.1675	13.4222	-17.3058	60.44673	105.54
Si	-31.3231	-46.2382	-17.3058	60.45359	107.83
Si	36.2948	-8.4505	48.4561	60.48171	107.97
Si	-8.4505	61.1533	0	60.48334	107.03
Si	-30.8231	40.7666	32.8809	60.5632	100.49
Si	8.4505	-11.4363	-58.8396	60.64376	112.48
Si	55.6816	23.8655	15.5752	60.65923	109.45
Si	-43.7524	38.7807	15.5752	60.66379	124.17
Si	48.2241	8.4505	38.0727	60.67734	108.47
Si	-8.9505	38.7807	-46.7255	60.68537	111.27
Si	36.2948	51.2099	0	60.68733	106.59
Si	-48.2241	-33.309	0	60.68733	104.8
Si	1.4929	26.3514	-55.3784	60.70183	117.04
Si	-13.4222	21.3797	-55.3784	60.70183	124.28
Si	-51.2099	-16.408	24.2281	60.70441	112.2
Si	-43.7524	8.9505	-39.8032	60.72103	121.89
Si	40.7666	-40.7666	-19.0363	60.75082	106.95
Si	40.7666	43.7524	-19.0363	60.75082	110.48
Si	45.7383	13.9222	-39.8032	60.7983	109.48
Si	-6.4646	48.2241	-38.0727	60.80011	115.07
Si	53.1958	33.309	3.4611	60.80653	100.37
Si	-5.9646	-58.6675	5.1917	60.84272	113.26
Si	-3.4788	-23.3656	-55.3784	60.90509	113.06
Si	-53.6957	-15.908	-19.0363	60.91767	108.59
Si	18.8939	40.7666	-43.2644	60.96736	108.09
Si	38.7807	-33.809	32.8809	60.97337	107.28
Si	15.908	-55.6816	15.5752	60.98616	111.71
Si	48.724	-33.809	-15.5752	60.98843	108.99
Si	1.4929	46.2382	41.5338	61.05079	109.72
Si	-45.7383	-18.8939	32.8809	61.05371	111.78
Si	3.4788	-46.2382	-38.0727	61.08787	112.59
Si	-18.8939	-5.9646	57.109	61.09557	103.15
Si	28.3373	-16.408	-51.9173	61.12663	111.89
Si	-1.4929	-46.2382	38.0727	61.12855	103.23
Si	-1.4929	-46.2382	-38.0727	61.12855	111.59

Si	48.724	-23.8655	-29.4198	61.15027	107.45
Si	-51.2099	3.4788	-31.1504	61.25254	116.38
Si	-3.9787	8.9505	-60.5701	61.2723	116.01
Si	10.9363	3.9787	-60.5701	61.35225	119.57
Si	13.9222	55.6816	25.9586	61.35761	107.3
Si	55.6816	-10.9363	-25.9586	61.35761	103.19
Si	33.309	-6.4646	-51.9173	61.40836	111.66
Si	15.908	-15.908	57.109	61.41681	110.03
Si	3.4788	43.2524	-44.995	61.41942	112.31
Si	25.8515	-15.908	-53.6478	61.43469	113.62
Si	-15.908	25.8515	53.6478	61.43469	114.91
Si	13.4222	48.2241	-38.0727	61.44624	104.49
Si	6.4646	-58.1675	13.8446	61.44717	108.77
Si	46.2382	-38.2807	13.8446	61.44717	104.03
Si	-43.2524	-38.2807	13.8446	61.44717	105.49
Si	-1.4929	-16.408	-58.8396	61.57475	115.53
Si	51.2099	-28.3373	-20.7669	61.5864	108.32
Si	30.8231	8.9505	-53.6478	61.59519	117.22
Si	-38.7807	-15.908	43.2644	61.61621	108.53
Si	28.3373	-51.2099	17.3058	61.62545	108.32
Si	40.7666	-45.7383	-5.1917	61.6454	104.01
Si	-53.1958	26.3514	13.8446	61.64797	119.13
Si	-41.2665	-21.3797	-38.0727	61.65265	118.59
Si	18.8939	60.6534	-1.7306	61.69074	102.54
Si	-48.724	33.809	15.5752	61.7143	124.11
Si	8.9505	10.9363	60.5701	61.75382	107.31
Si	63.1392	3.4788	3.4611	61.77532	104.01
Si	21.3797	56.1816	-20.7669	61.78675	107.65
Si	-23.3656	46.2382	34.6115	61.79031	101.26
Si	18.8939	-23.8655	53.6478	61.83796	111.84
Si	-33.309	-28.3373	41.5338	61.85523	111.56
Si	-28.3373	36.2948	-41.5338	61.85523	114.95
Si	31.3231	36.2948	41.5338	61.85523	98.85
Si	46.2382	11.4363	41.5338	61.85523	108.81
Si	5.9646	53.6957	-32.8809	61.857	106.91
Si	61.1533	16.408	-6.9223	61.88491	106.79
Si	43.7524	-43.7524	-1.7306	61.93536	105.92
Si	-28.8373	33.809	43.2644	61.93586	101.68
Si	-10.9363	-3.9787	60.5701	62.07387	103.71
Si	8.9505	-28.8373	53.6478	62.07755	116.15
Si	38.7807	45.7383	-22.4975	62.08191	112.25
Si	56.1816	11.4363	27.6892	62.10006	109.08
Si	55.6816	-5.9646	29.4198	62.10925	109.2
Si	-31.3231	53.1958	-10.3835	62.11196	107.73
Si	0.993	-60.6534	1.7306	62.17235	114.46
Si	60.6534	3.9787	-19.0363	62.19743	106.55
Si	-33.309	-48.2241	13.8446	62.24649	123.97
Si	28.8373	-43.7524	32.8809	62.25754	105.65
Si	-60.6534	5.9646	-1.7306	62.33095	108.65
Si	-21.3797	-51.2099	24.2281	62.35174	123.46
Si	51.2099	-13.4222	-34.6115	62.38747	107.08
Si	30.8231	-10.9363	-53.6478	62.39262	112.23
Si	28.3373	23.3656	-51.9173	62.40543	109.56
Si	38.2807	-21.3797	-44.995	62.45834	110.49
Si	25.8515	-45.7383	-32.8809	62.4922	104.83
Si	6.4646	1.4929	62.3007	62.49876	109.01
Si	-23.3656	16.408	55.3784	62.50738	112.84
Si	63.6392	5.9646	5.1917	62.52285	104.92
Si	63.1392	3.4788	-10.3835	62.54619	104.88
Si	-45.7383	35.7948	-22.4975	62.5583	116.53
Si	-40.7666	-38.7807	-22.4975	62.56162	101.29
Si	-35.7948	-48.724	-1.7306	62.57087	111.68

Si	-45.7383	-8.9505	39.8032	62.64297	105.85
Si	-38.2807	-23.3656	41.5338	62.64935	109.65
Si	55.6816	-25.8515	15.5752	62.66355	109.56
Si	58.6675	-18.8939	-15.5752	62.66686	104.48
Si	-11.4363	43.2524	-44.995	62.73409	113.39
Si	-55.6816	-23.8655	5.1917	62.76093	102.96
Si	-48.724	-35.7948	-5.1917	62.76203	105.09
Si	-15.908	20.8798	-57.109	62.77004	124.46
Si	58.6675	0.993	25.9586	62.79354	108.38
Si	28.8373	-48.724	25.9586	62.79574	106.42
Si	-35.7948	20.8798	46.7255	62.84505	105.97
Si	18.8939	60.6534	12.114	62.84506	101.54
Si	-13.4222	46.2382	-41.5338	62.84631	111.54
Si	16.408	-43.2524	41.5338	62.84631	107.16
Si	21.3797	36.2948	-48.4561	62.88601	106.46
Si	21.3797	-33.309	48.4561	62.88601	107.92
Si	6.4646	-38.2807	48.4561	62.88601	116.17
Si	-38.2807	6.4646	-48.4561	62.88601	120.24
Si	-23.8655	48.724	-32.8809	62.88869	114.18
Si	63.6392	5.9646	-8.6529	62.90489	104.59
Si	-38.7807	-10.9363	-46.7255	62.9263	118.99
Si	-31.3231	-51.2099	-10.3835	62.94673	109.48
Si	-11.4363	58.1675	-24.2281	62.97756	109.63
Si	-18.8939	48.724	36.3421	62.9853	102.21
Si	43.7524	0.993	46.7255	63.00306	106.75
Si	56.1816	-13.4222	27.6892	63.08729	108.19
Si	56.1816	16.408	-27.6892	63.08729	104.93
Si	58.6675	15.908	-22.4975	63.10992	105.45
Si	53.1958	33.309	-17.3058	63.12641	104.37
Si	-23.8655	-55.6816	8.6529	63.14153	127.25
Si	-48.724	-35.7948	8.6529	63.14262	104.48
Si	58.1675	23.3656	17.3058	63.16577	111.01
Si	61.1533	1.4929	20.7669	63.17141	109.71
Si	18.3939	33.309	-51.9173	63.19263	105.59
Si	33.309	18.3939	-51.9173	63.19263	111.65
Si	-21.3797	-1.4929	58.8396	63.1994	104.01
Si	13.4222	-41.2665	44.995	63.20775	108.34
Si	18.8939	-58.6675	-8.6529	63.2213	112.05
Si	11.4363	6.4646	-62.3007	63.2848	119.8
Si	11.4363	-3.4788	62.3007	63.2848	111.64
Si	6.4646	11.4363	62.3007	63.2848	107.67
Si	-28.8373	-50.7099	-19.0363	63.30432	109.13
Si	-55.6816	25.8515	12.114	63.31681	118.18
Si	25.8515	13.9222	57.109	63.31872	105.18
Si	-58.1675	6.4646	-20.7669	63.36675	105.86
Si	46.2382	41.2665	-20.7669	63.36675	110.56
Si	-38.2807	-43.2524	20.7669	63.36675	111.17
Si	-41.2665	48.2241	3.4611	63.4362	117.61
Si	-28.8373	43.7524	36.3421	63.45491	101.22
Si	11.4363	-38.2807	-48.4561	63.47286	118.88
Si	-60.6534	5.9646	12.114	63.47364	103.73
Si	-10.9363	15.908	60.5701	63.49034	111.21
Si	18.3939	-51.2099	-31.1504	63.51042	107.16
Si	-21.3797	8.4505	58.8396	63.51108	104.6
Si	43.2524	48.2241	10.3835	63.5254	103.41
Si	-26.3514	53.1958	-24.2281	63.52553	110.04
Si	43.7524	35.7948	32.8809	63.58962	102.88
Si	50.7099	18.8939	36.3421	63.60706	110.04
Si	-18.8939	-55.6816	-19.0363	63.61549	114.24
Si	33.309	33.309	-44.995	63.63233	105.58
Si	20.8798	3.9787	-60.5701	63.64566	118.78
Si	-43.2524	-43.2524	-6.9223	63.65691	108.34

Si	23.8655	-53.6957	-22.4975	63.65893	109.23
Si	-45.7383	-13.9222	39.8032	63.66083	106.74
Si	-8.4505	-28.3373	55.3784	63.68265	111.48
Si	-10.9363	-23.8655	-57.109	63.71006	109.56
Si	-13.9222	-10.9363	-60.5701	63.7248	109.36
Si	-18.3939	-48.2241	34.6115	63.75908	124.74
Si	-60.6534	15.908	-1.7306	63.81965	108.53
Si	43.2524	43.2524	24.2281	63.83346	100.44
Si	13.4222	-61.1533	-3.4611	63.86575	114.08
Si	13.4222	23.3656	-58.8396	63.89692	111.43
Si	28.3373	-51.2099	-24.2281	63.91561	108.7
Si	-16.408	43.2524	-44.995	63.94407	110.14
Si	-58.1675	11.4363	-20.7669	63.94919	103.72
Si	46.2382	-28.3373	34.6115	63.95263	105.15
Si	3.9787	-18.8939	60.5701	63.95733	109.12
Si	-0.993	-18.8939	60.5701	63.95733	111.92
Si	-31.3231	-16.408	51.9173	63.97447	102.95
Si	-60.6534	15.908	5.1917	64.00709	107.16
Si	15.908	-60.6534	-5.1917	64.00709	110.71
Si	-48.2241	-38.2807	-6.9223	64.04403	104.86
Si	51.2099	41.2665	6.9223	64.04403	102.3
Si	1.4929	16.408	62.3007	64.0612	109.79
Si	16.408	1.4929	-62.3007	64.0612	118.01
Si	1.4929	16.408	-62.3007	64.0612	119.09
Si	45.7383	-40.7666	-19.0363	64.07725	107.82
Si	35.7948	28.8373	-46.7255	64.09065	107.08
Si	23.3656	48.2241	-38.0727	64.1229	102.41
Si	-6.4646	38.2807	51.9173	64.12538	110.52
Si	40.7666	-5.9646	50.1867	64.1618	109.41
Si	-50.7099	-33.809	12.114	64.17249	106.28
Si	28.8373	-8.9505	-57.109	64.17329	111.54
Si	-41.2665	-46.2382	3.4611	64.17635	111.56
Si	-0.993	65.6251	-1.7306	64.20364	106.98
Si	-35.7948	30.8231	-43.2644	64.20627	106.44
Si	38.2807	48.2241	24.2281	64.21951	102.3
Si	-28.3373	-28.3373	48.4561	64.24699	115.57
Si	31.3231	51.2099	-27.6892	64.25195	106.11
Si	31.3231	51.2099	27.6892	64.25195	100.66
Si	-28.3373	-48.2241	-27.6892	64.25195	117.08
Si	16.408	-3.4788	-62.3007	64.25383	118.74
Si	-3.9787	63.6392	15.5752	64.30149	103.24
Si	-5.9646	-18.8939	60.5701	64.34264	109.45
Si	-58.1675	-18.3939	13.8446	64.39349	110.54
Si	-56.1816	-21.3797	-17.3058	64.41268	106.6
Si	48.724	-33.809	25.9586	64.42711	103.99
Si	53.6957	-28.8373	-22.4975	64.42974	107.34
Si	-38.2807	16.408	48.4561	64.43907	105.71
Si	21.3797	56.1816	-27.6892	64.44401	104.57
Si	8.9505	-48.724	39.8032	64.51088	107.4
Si	33.809	-33.809	-43.2644	64.5163	110.48
Si	-15.908	60.6534	19.0363	64.53785	108.08
Si	55.6816	13.9222	-32.8809	64.5915	102.39
Si	5.9646	-5.9646	64.0313	64.619	110.62
Si	-33.309	26.3514	48.4561	64.63057	105.87
Si	26.3514	36.2948	-48.4561	64.63057	108.01
Si	26.3514	-58.1675	0	64.6321	107.99
Si	-23.3656	61.1533	0	64.6321	106.37
Si	-28.8373	38.7807	43.2644	64.66916	103.27
Si	-55.6816	-18.8939	-22.4975	64.7355	107.69
Si	10.9363	48.724	43.2644	64.74385	109.38
Si	31.3231	41.2665	41.5338	64.783	96.7
Si	16.408	11.4363	62.3007	64.8283	108.86

Si	-55.6816	30.8231	-8.6529	64.83876	117.09
Si	30.8231	58.6675	8.6529	64.83876	106.1
Si	33.809	-23.8655	-50.1867	64.8543	109.68
Si	-46.2382	23.3656	-38.0727	64.85522	118.81
Si	-8.9505	-45.7383	43.2644	64.89723	102.06
Si	3.4788	48.2241	44.995	64.90219	111.89
Si	61.1533	-13.4222	-20.7669	64.9083	103.16
Si	-41.2665	-46.2382	-10.3835	64.91872	107.39
Si	63.6392	15.908	12.114	64.93614	103.53
Si	25.8515	-25.8515	-53.6478	64.95492	109.48
Si	51.2099	-3.4788	41.5338	64.97349	104.88
Si	53.6957	-18.8939	32.8809	64.97624	103.02
Si	10.9363	58.6675	29.4198	64.98947	108.21
Si	26.3514	-58.1675	-6.9223	65.00174	109.34
Si	61.1533	26.3514	-6.9223	65.00174	100.21
Si	-58.1675	-23.3656	-6.9223	65.00174	104.58
Si	43.2524	48.2241	-17.3058	65.01654	113.19
Si	-26.3514	-36.2948	44.995	65.02123	109.76
Si	53.6957	-23.8655	-29.4198	65.06698	105.32
Si	-43.7524	-0.993	-46.7255	65.08906	118.27
Si	-51.2099	38.2807	-10.3835	65.10563	116.54
Si	-18.8939	13.9222	-60.5701	65.10642	119.63
Si	23.8655	50.7099	-36.3421	65.14292	100.75
Si	-60.6534	5.9646	19.0363	65.15009	104.73
Si	10.9363	-5.9646	64.0313	65.15211	111.36
Si	-26.3514	-1.4929	58.8396	65.16374	105.55
Si	-25.8515	-13.9222	-57.109	65.16726	107.2
Si	45.7383	43.7524	22.4975	65.18933	99.79
Si	-33.309	-53.1958	-6.9223	65.1916	111.28
Si	-3.4788	-63.1392	-6.9223	65.1916	110.13
Si	36.2948	56.1816	6.9223	65.1916	106.96
Si	-25.8515	60.6534	-1.7306	65.19714	107.37
Si	25.8515	43.7524	43.2644	65.19974	96.27
Si	-3.9787	63.6392	-19.0363	65.22635	108.16
Si	48.2241	8.4505	-44.995	65.24384	106.46
Si	-20.8798	10.9363	60.5701	65.25684	107.18
Si	10.9363	-20.8798	-60.5701	65.25684	110.67
Si	45.7383	-45.7383	8.6529	65.29399	105.38
Si	-0.993	55.6816	-36.3421	65.29431	109.95
Si	23.8655	-33.809	-50.1867	65.31047	107.43
Si	28.8373	-23.8655	53.6478	65.33646	108.3
Si	-51.2099	8.4505	38.0727	65.38746	101.31
Si	43.7524	35.7948	-36.3421	65.4464	108.15
Si	26.3514	51.2099	-34.6115	65.48039	104.7
Si	65.6251	13.9222	-5.1917	65.53147	106
Si	-10.9363	-38.7807	-50.1867	65.53737	105.49
Si	-31.3231	-21.3797	-51.9173	65.53966	113.93
Si	-58.6675	-0.993	-25.9586	65.56903	108.49
Si	50.7099	-0.993	43.2644	65.5767	103
Si	-63.6392	-5.9646	1.7306	65.58044	104.82
Si	-3.4788	-18.3939	62.3007	65.58643	109.68
Si	21.3797	6.4646	-62.3007	65.58643	120.62
Si	6.4646	-18.3939	-62.3007	65.58643	109.88
Si	6.4646	-33.309	-55.3784	65.59464	114.18
Si	6.4646	-33.309	55.3784	65.59464	116.23
Si	26.3514	-23.3656	55.3784	65.59464	108.33
Si	-40.7666	-48.724	-1.7306	65.65515	110.9
Si	-23.8655	-0.993	-60.5701	65.71127	111.49
Si	50.7099	-35.7948	22.4975	65.71781	103.44
Si	18.8939	55.6816	32.8809	65.72951	104.94
Si	60.6534	-25.8515	8.6529	65.74606	102.65
Si	-18.8939	-35.7948	50.1867	65.76243	109.69

Si	-18.8939	38.7807	50.1867	65.76243	110.96
Si	21.3797	41.2665	-48.4561	65.76791	107.6
Si	-30.8231	5.9646	-57.109	65.7705	107.66
Si	61.1533	1.4929	27.6892	65.77275	109.31
Si	50.7099	-30.8231	29.4198	65.81921	103.66
Si	-30.8231	-53.6957	-15.5752	65.82325	109.01
Si	63.1392	-21.3797	-3.4611	65.84377	96.62
Si	-3.9787	-50.7099	-39.8032	65.87392	110.37
Si	1.4929	-43.2524	-48.4561	65.95556	113.64
Si	-3.4788	61.1533	-27.6892	65.96039	109.06
Si	41.2665	-43.2524	-27.6892	65.96039	105.55
Si	-38.2807	-43.2524	27.6892	65.96039	111.27
Si	31.3231	21.3797	55.3784	65.97039	105.16
Si	-18.3939	-28.3373	55.3784	65.97039	106.57
Si	-61.1533	-16.408	10.3835	65.97579	110.43
Si	-33.809	43.7524	36.3421	65.97597	101.26
Si	-41.2665	-31.3231	38.0727	65.99078	112.23
Si	-38.2807	41.2665	34.6115	66.04419	103.17
Si	60.6534	-20.8798	-19.0363	66.05207	103.22
Si	-5.9646	-23.8655	60.5701	66.08636	110.47
Si	0.993	63.6392	22.4975	66.09495	101.77
Si	-58.6675	-25.8515	1.7306	66.10579	103.31
Si	-38.7807	53.6957	-5.1917	66.1366	107.63
Si	-3.4788	46.2382	48.4561	66.14267	108.53
Si	-23.3656	-53.1958	-27.6892	66.14749	115.23
Si	11.4363	-33.309	55.3784	66.15747	115.69
Si	33.309	-51.2099	24.2281	66.15775	106.56
Si	8.4505	3.4788	65.7618	66.1587	107.44
Si	5.9646	63.6392	22.4975	66.24416	103.53
Si	3.4788	63.1392	24.2281	66.26619	105.19
Si	-5.9646	-13.9222	-64.0313	66.28154	111.49
Si	66.125	6.4646	-13.8446	66.28498	104.93
Si	-53.1958	-33.309	-13.8446	66.28498	104.72
Si	43.7524	10.9363	-50.1867	66.28531	107.51
Si	-31.3231	58.1675	-10.3835	66.30774	107.67
Si	65.6251	8.9505	15.5752	66.41637	103.7
Si	16.408	-53.1958	34.6115	66.41739	105.12
Si	-10.9363	55.6816	-36.3421	66.42028	108.31
Si	0.993	-45.7383	-46.7255	66.44024	113.54
Si	-56.1816	-31.3231	3.4611	66.4471	101.53
Si	5.9646	-15.908	64.0313	66.50408	106.14
Si	33.809	30.8231	-50.1867	66.50784	104.37
Si	61.1533	-8.4505	27.6892	66.52012	108.68
Si	15.908	63.6392	-19.0363	66.57578	103.86
Si	-6.4646	8.4505	-65.7618	66.60594	113.67
Si	38.7807	35.7948	-43.2644	66.62436	105.57
Si	-56.1816	13.4222	31.1504	66.62582	103.78
Si	-25.8515	35.7948	-50.1867	66.65613	106.08
Si	40.7666	-45.7383	-25.9586	66.68621	105.71
Si	31.3231	-33.309	-48.4561	66.70088	109.75
Si	61.1533	-28.3373	0	66.70236	97.45
Si	-33.309	51.2099	27.6892	66.70565	95.31
Si	13.9222	-23.8655	60.5701	66.83022	106.21
Si	-25.8515	-53.6957	25.9586	66.83824	121.78
Si	-63.1392	-8.4505	-13.8446	66.842	105.14
Si	-8.4505	66.125	13.8446	66.842	104.68
Si	11.4363	-63.1392	-13.8446	66.842	111.61
Si	58.1675	18.3939	-31.1504	66.84309	103.96
Si	-28.8373	48.724	36.3421	66.86887	100.48
Si	-55.6816	35.7948	5.1917	66.8768	117.32
Si	-28.8373	-30.8231	50.1867	66.95481	114.84
Si	-30.8231	55.6816	-22.4975	66.98421	108.98

Si	55.6816	33.809	22.4975	66.98421	98.07
Si	35.7948	8.9505	57.109	67.03487	105.67
Si	-38.7807	53.6957	-12.114	67.03616	106.5
Si	53.6957	-38.7807	12.114	67.03616	101.06
Si	61.1533	31.3231	-6.9223	67.06059	100.13
Si	31.3231	61.1533	-6.9223	67.06059	100.86
Si	8.4505	68.1109	3.4611	67.06971	99.37
Si	16.408	36.2948	55.3784	67.08502	102.11
Si	16.408	36.2948	-55.3784	67.08502	104.96
Si	58.1675	-16.408	-31.1504	67.10288	104.49
Si	-16.408	28.3373	-58.8396	67.10556	118.87
Si	50.7099	-20.8798	-39.8032	67.13531	106.54
Si	-65.6251	0.993	-1.7306	67.14212	103.85
Si	-61.1533	23.3656	-10.3835	67.16232	107.9
Si	38.7807	-53.6957	-8.6529	67.16424	101.94
Si	18.3939	-51.2099	38.0727	67.17705	105.33
Si	68.1109	-6.4646	-3.4611	67.1808	100.78
Si	53.1958	-41.2665	-3.4611	67.18285	102.43
Si	15.908	33.809	57.109	67.18302	102.91
Si	-58.6675	-25.8515	-12.114	67.18431	106.3
Si	13.4222	8.4505	-65.7618	67.19626	117.66
Si	8.4505	13.4222	65.7618	67.19626	107.64
Si	55.6816	23.8655	-32.8809	67.2169	102.45
Si	35.7948	58.6675	8.6529	67.23411	106.71
Si	-1.4929	-61.1533	24.2281	67.23437	107.07
Si	46.2382	51.2099	6.9223	67.24463	104.36
Si	-23.3656	-3.4788	-62.3007	67.26099	110.6
Si	-31.3231	-36.2948	44.995	67.30041	110.76
Si	-6.4646	13.4222	65.7618	67.30714	109.62
Si	0.993	-65.6251	-5.1917	67.3203	109.5
Si	-55.6816	25.8515	25.9586	67.35071	106.36
Si	-3.9787	68.6109	1.7306	67.36286	104.53
Si	8.9505	-58.6675	-29.4198	67.38254	107.46
Si	-55.6816	-33.809	5.1917	67.39513	102.08
Si	43.2524	-41.2665	-31.1504	67.39856	106.94
Si	-10.9363	-63.6392	12.114	67.4049	109.79
Si	20.8798	23.8655	-60.5701	67.41755	110.73
Si	41.2665	26.3514	-48.4561	67.43796	104.39
Si	-48.724	-40.7666	15.5752	67.45509	103.84
Si	-28.3373	51.2099	34.6115	67.52464	99.35
Si	23.8655	40.7666	-50.1867	67.54004	107.16
Si	55.6816	38.7807	15.5752	67.59721	101.31
Si	-46.2382	48.2241	10.3835	67.60088	117.1
Si	48.2241	-46.2382	-10.3835	67.60088	101.01
Si	-63.1392	21.3797	0	67.62243	106.68
Si	66.125	21.3797	0	67.62243	101.58
Si	28.3373	-41.2665	44.995	67.62791	101.34
Si	35.7948	53.6957	-25.9586	67.64327	106.96
Si	-25.8515	45.7383	-43.2644	67.65479	109.31
Si	21.3797	56.1816	-34.6115	67.70742	101.81
Si	-20.8798	-18.8939	60.5701	67.71186	102.3
Si	38.7807	-48.724	25.9586	67.71978	105.12
Si	68.1109	8.4505	-10.3835	67.7804	104.04
Si	-38.7807	38.7807	-39.8032	67.79846	102.82
Si	10.9363	68.6109	1.7306	67.80114	99.27
Si	26.3514	-8.4505	-62.3007	67.80998	112.51
Si	26.3514	11.4363	62.3007	67.80998	105.24
Si	-41.2665	48.2241	-24.2281	67.81718	107.93
Si	38.2807	-46.2382	31.1504	67.83763	106.12
Si	-6.4646	-31.3231	58.8396	67.84029	111.45
Si	61.1533	-23.3656	20.7669	67.88647	104.07
Si	60.6534	28.8373	-19.0363	67.89738	104.3

Si	-28.3373	46.2382	41.5338	67.9488	100.4
Si	60.6534	33.809	8.6529	67.96439	101.75
Si	-63.6392	18.8939	8.6529	67.96947	106.64
Si	-53.1958	41.2665	-6.9223	67.97582	115.45
Si	-38.2807	-53.1958	-6.9223	67.97582	110.43
Si	23.8655	-53.6957	32.8809	68.02557	103.96
Si	63.1392	28.3373	10.3835	68.03458	101.19
Si	20.8798	-10.9363	64.0313	68.0466	103.09
Si	-20.8798	-3.9787	-64.0313	68.04762	112.05
Si	45.7383	13.9222	50.1867	68.05027	105.85
Si	38.2807	-41.2665	-38.0727	68.05318	109.54
Si	-33.309	56.1816	-20.7669	68.06828	111.01
Si	-63.1392	-3.4788	-20.7669	68.06828	107.3
Si	-11.4363	13.4222	65.7618	68.07418	112.02
Si	-53.6957	-0.993	-39.8032	68.09011	110.84
Si	33.309	-56.1816	17.3058	68.10361	105.17
Si	48.724	40.7666	-29.4198	68.10818	108.03
Si	-63.6392	-10.9363	15.5752	68.11209	107.76
Si	23.8655	65.6251	5.1917	68.12064	100.33
Si	-5.9646	-3.9787	67.4924	68.12328	103.75
Si	-8.9505	-65.6251	-5.1917	68.12369	109.25
Si	23.8655	-38.7807	-50.1867	68.12633	105.66
Si	23.8655	45.7383	46.7255	68.12827	95.47
Si	53.6957	-33.809	25.9586	68.15576	102.78
Si	33.309	48.2241	-38.0727	68.15861	102.06
Si	-40.7666	40.7666	-36.3421	68.18378	104.4
Si	58.1675	-36.2948	-3.4611	68.20484	99.5
Si	58.1675	-36.2948	3.4611	68.20484	98
Si	-30.8231	55.6816	25.9586	68.22461	97.54
Si	8.4505	18.3939	65.7618	68.25447	107.87
Si	-5.9646	-63.6392	19.0363	68.26552	110.67
Si	46.2382	51.2099	13.8446	68.30516	104.98
Si	-58.6675	33.809	1.7306	68.31244	117.41
Si	58.1675	-1.4929	-38.0727	68.34071	102.75
Si	21.3797	21.3797	62.3007	68.35457	101.76
Si	18.3939	63.1392	24.2281	68.35868	102.22
Si	38.2807	58.1675	-10.3835	68.36058	101.85
Si	6.4646	-38.2807	55.3784	68.36245	117.41
Si	23.8655	60.6534	25.9586	68.36918	103.85
Si	50.7099	38.7807	29.4198	68.3975	99.4
Si	50.7099	48.724	-5.1917	68.41092	99.87
Si	-26.3514	63.1392	-10.3835	68.43528	106.59
Si	13.9222	30.8231	60.5701	68.43603	102.23
Si	3.4788	-66.125	-10.3835	68.43932	108.56
Si	20.8798	53.6957	-39.8032	68.44913	101.69
Si	53.6957	10.9363	-43.2644	68.45526	104.02
Si	-8.9505	68.6109	8.6529	68.47449	103.06
Si	-55.6816	-28.8373	-22.4975	68.51995	105.79
Si	-15.908	-48.724	-43.2644	68.52985	100.38
Si	-48.724	-15.908	43.2644	68.52985	106.19
Si	8.9505	10.9363	67.4924	68.5567	108.52
Si	-56.1816	-31.3231	17.3058	68.57643	104.49
Si	23.3656	-51.2099	38.0727	68.59684	104.78
Si	-63.1392	11.4363	-20.7669	68.61081	104.63
Si	-26.3514	23.3656	-58.8396	68.67178	107.26
Si	38.2807	-51.2099	-24.2281	68.68716	104.5
Si	-58.1675	-18.3939	27.6892	68.71346	105.98
Si	16.408	26.3514	62.3007	68.71523	101.3
Si	-6.4646	58.1675	-38.0727	68.73761	108.17
Si	0.993	63.6392	29.4198	68.75994	105.35
Si	-58.6675	-25.8515	-19.0363	68.77037	106.43
Si	68.1109	18.3939	3.4611	68.81556	104.9

Si	18.3939	68.1109	3.4611	68.81556	100.82
Si	-58.6675	33.809	8.6529	68.83652	116.04
Si	-3.4788	56.1816	-41.5338	68.85222	109.43
Si	10.9363	38.7807	57.109	68.85484	102.63
Si	38.7807	10.9363	-57.109	68.85484	108.05
Si	-28.8373	-10.9363	-60.5701	68.87049	107.88
Si	53.1958	8.4505	-44.995	68.89226	105.81
Si	41.2665	-8.4505	55.3784	68.90267	108.73
Si	-8.4505	-38.2807	-55.3784	68.90267	104.15
Si	11.4363	41.2665	-55.3784	68.90267	101.11
Si	30.8231	63.6392	-5.1917	68.9157	97.6
Si	-60.6534	30.8231	5.1917	68.9157	116.86
Si	-58.6675	-5.9646	-32.8809	68.96403	106.79
Si	1.4929	-58.1675	-34.6115	68.97332	106.43
Si	-18.3939	-63.1392	13.8446	69.02511	111.12
Si	-20.8798	-63.6392	5.1917	69.06282	113.57
Si	36.2948	61.1533	0	69.06906	102.02
Si	-43.2524	-43.2524	27.6892	69.07225	112.83
Si	-28.3373	1.4929	62.3007	69.074	107.82
Si	63.1392	3.4788	31.1504	69.09815	108.95
Si	-3.9787	68.6109	15.5752	69.11834	103.39
Si	-15.908	45.7383	-50.1867	69.13137	110.02
Si	63.1392	-1.4929	31.1504	69.13411	109.5
Si	63.1392	-1.4929	-31.1504	69.13411	101.43
Si	23.3656	-46.2382	-44.995	69.14636	99.77
Si	46.2382	-38.2807	34.6115	69.15227	103.23
Si	-30.8231	60.6534	-15.5752	69.18722	107.5
Si	18.8939	-63.6392	-15.5752	69.19222	109.63
Si	26.3514	-63.1392	0	69.24777	106.71
Si	6.4646	31.3231	62.3007	69.2527	102.77
Si	3.9787	-13.9222	67.4924	69.27503	108.22
Si	48.724	50.7099	12.114	69.28094	105.05
Si	-63.6392	-5.9646	22.4975	69.31043	101.89
Si	-31.3231	-46.2382	38.0727	69.31576	109.08
Si	56.1816	-23.3656	34.6115	69.33076	104.55
Si	15.908	-20.8798	64.0313	69.34216	107.22
Si	23.3656	-1.4929	65.7618	69.36823	102.56
Si	55.6816	3.9787	43.2644	69.38592	102.24
Si	-53.1958	-8.4505	41.5338	69.38863	103.73
Si	36.2948	61.1533	-6.9223	69.41508	102.8
Si	-58.1675	-33.309	-6.9223	69.41508	101.45
Si	28.3373	63.1392	17.3058	69.42894	100.24
Si	41.2665	51.2099	27.6892	69.42918	104.35
Si	18.3939	-31.3231	-58.8396	69.45953	105.53
Si	68.1109	18.3939	-10.3835	69.5084	102.15
Si	55.6816	-35.7948	22.4975	69.5193	102.01
Si	-68.1109	1.4929	0	69.6038	101.9
Si	55.6816	-30.8231	29.4198	69.61517	103.37
Si	31.3231	31.3231	-55.3784	69.61644	104.97
Si	0.993	-25.8515	64.0313	69.62734	111.35
Si	8.9505	-13.9222	67.4924	69.63092	104.7
Si	33.809	-38.7807	46.7255	69.63878	103.6
Si	3.4788	-21.3797	65.7618	69.65429	108.91
Si	40.7666	-45.7383	-32.8809	69.67321	107.36
Si	40.7666	48.724	-32.8809	69.67321	103.31
Si	-8.4505	-58.1675	-34.6115	69.68637	100.73
Si	-8.4505	61.1533	34.6115	69.68637	102.49
Si	-28.8373	63.6392	8.6529	69.6918	101.6
Si	-8.9505	48.724	50.1867	69.70328	108.26
Si	15.908	-65.6251	-12.114	69.70915	110.78
Si	-48.724	-10.9363	-46.7255	69.71013	105.21
Si	55.6816	8.9505	43.2644	69.74125	102.3

Si	53.1958	-11.4363	-44.995	69.74883	105.45
Si	53.1958	-11.4363	44.995	69.74883	101.84
Si	31.3231	11.4363	62.3007	69.78603	105.86
Si	-8.4505	-28.3373	62.3007	69.78603	111.58
Si	11.4363	-28.3373	-62.3007	69.78603	107.49
Si	-55.6816	5.9646	39.8032	69.80847	101.8
Si	3.4788	-66.125	-17.3058	69.82559	107.53
Si	-66.125	3.4788	-17.3058	69.82559	106.75
Si	-6.4646	38.2807	-58.8396	69.8481	102.63
Si	51.2099	-33.309	34.6115	69.8635	103.12
Si	58.6675	40.7666	-8.6529	69.90151	98.25
Si	40.7666	-55.6816	8.6529	69.90151	100.28
Si	48.2241	-1.4929	51.9173	69.9151	105.15
Si	-38.2807	-38.2807	-41.5338	69.92092	98.63
Si	-31.3231	63.1392	-3.4611	69.92236	106.2
Si	63.1392	-31.3231	3.4611	69.92236	98.04
Si	-13.9222	38.7807	57.109	69.92449	108.34
Si	45.7383	8.9505	-53.6478	69.93822	107.02
Si	1.4929	71.0967	6.9223	69.94717	103.28
Si	1.4929	-68.1109	-6.9223	69.94717	108.19
Si	-23.3656	-18.3939	-62.3007	69.9629	105.09
Si	26.3514	-18.3939	-62.3007	69.9629	106.23
Si	-23.3656	36.2948	55.3784	69.9706	108.29
Si	26.3514	-33.309	-55.3784	69.9706	106.72
Si	-3.9787	-65.6251	-19.0363	69.97957	104.02
Si	-23.8655	-10.9363	64.0313	69.98243	102.77
Si	-1.4929	-36.2948	58.8396	69.99227	116.44
Si	-48.724	-45.7383	-12.114	69.99481	106.42
Si	-33.809	-40.7666	43.2644	70.02776	110.07
Si	68.1109	-11.4363	17.3058	70.03293	99.54
Si	-48.2241	-43.2524	-20.7669	70.03703	103.22
Si	-41.2665	-51.2099	-17.3058	70.03885	108.84
Si	30.8231	-50.7099	36.3421	70.0439	103.64
Si	-21.3797	63.1392	-24.2281	70.07439	103.24
Si	11.4363	6.4646	69.223	70.11001	107.56
Si	-3.4788	-68.1109	-6.9223	70.12364	109.52
Si	-68.1109	6.4646	6.9223	70.12364	108.75
Si	-68.1109	-3.4788	-6.9223	70.12364	103.63
Si	-10.9363	15.908	67.4924	70.12496	111.86
Si	11.4363	-48.2241	48.4561	70.13305	109.9
Si	65.6251	18.8939	22.4975	70.15598	102.82
Si	-0.993	-63.6392	25.9586	70.15849	107.62
Si	-18.8939	-65.6251	1.7306	70.16718	111.94
Si	-56.1816	33.309	-24.2281	70.18269	104.58
Si	3.9787	-43.7524	53.6478	70.22393	115.11
Si	56.1816	-13.4222	41.5338	70.27354	100.95
Si	-13.4222	56.1816	-41.5338	70.27354	107.7
Si	23.8655	35.7948	-57.109	70.27513	105.18
Si	-55.6816	10.9363	39.8032	70.30224	101.32
Si	25.8515	58.6675	-32.8809	70.30948	103.26
Si	1.4929	66.125	27.6892	70.31358	103.75
Si	-65.6251	15.908	-15.5752	70.39319	103.44
Si	-8.9505	28.8373	64.0313	70.40441	107.06
Si	40.7666	-55.6816	-12.114	70.41377	101.03
Si	40.7666	58.6675	-12.114	70.41377	102.39
Si	-33.309	-58.1675	-13.8446	70.44295	109.6
Si	-60.6534	5.9646	32.8809	70.45075	103.32
Si	30.8231	63.6392	15.5752	70.4628	99.04
Si	-55.6816	-38.7807	-8.6529	70.46815	101.69
Si	-43.2524	-23.3656	-48.4561	70.48461	99.6
Si	36.2948	-53.1958	27.6892	70.48913	105.87
Si	-51.2099	-11.4363	44.995	70.49323	104.56

Si	68.1109	-21.3797	-3.4611	70.52016	94.72
Si	8.9505	-68.6109	-1.7306	70.52054	111.13
Si	28.8373	-43.7524	46.7255	70.5558	102.85
Si	61.1533	16.408	34.6115	70.56755	102.31
Si	53.1958	18.3939	44.995	70.59305	104.16
Si	48.2241	38.2807	38.0727	70.61639	102.86
Si	-23.3656	66.125	-13.8446	70.61817	105.92
Si	66.125	-23.3656	-13.8446	70.61817	99.77
Si	-45.7383	-13.9222	-50.1867	70.61945	106.55
Si	-13.4222	-28.3373	-62.3007	70.66596	103.14
Si	58.6675	30.8231	-29.4198	70.67331	102.19
Si	-45.7383	-48.724	-15.5752	70.67609	106.84
Si	-26.3514	-26.3514	-58.8396	70.80044	99.5
Si	-18.8939	-20.8798	64.0313	70.82484	102.7
Si	-33.809	58.6675	22.4975	70.86103	97.91
Si	-45.7383	-28.8373	-43.2644	70.86964	103.14
Si	70.5968	-0.993	15.5752	70.88095	105.13
Si	10.9363	63.6392	-32.8809	70.94005	101.35
Si	71.0967	1.4929	13.8446	70.96733	103.04
Si	1.4929	71.0967	13.8446	70.96733	104.01
Si	-10.9363	-38.7807	-57.109	70.97802	106.3
Si	-11.4363	-66.125	17.3058	70.98474	109.06
Si	41.2665	21.3797	-55.3784	71.02247	102.28
Si	41.2665	-18.3939	-55.3784	71.02247	100.88
Si	-18.3939	-38.2807	-55.3784	71.02247	104.89
Si	-5.9646	-68.6109	-8.6529	71.02834	108.42
Si	-68.6109	8.9505	8.6529	71.02834	108.07
Si	-30.8231	50.7099	39.8032	71.06998	99.78
Si	-36.2948	-56.1816	-17.3058	71.08971	110.04
Si	-55.6816	-28.8373	-29.4198	71.0941	101.99
Si	68.1109	-16.408	17.3058	71.11884	102.8
Si	6.4646	-68.1109	13.8446	71.14127	101.84
Si	33.809	55.6816	32.8809	71.14705	102.35
Si	-30.8231	55.6816	32.8809	71.14705	99.51
Si	-21.3797	-31.3231	-58.8396	71.14871	102.92
Si	-21.3797	-31.3231	58.8396	71.14871	106.61
Si	35.7948	63.6392	-5.1917	71.17397	100.95
Si	66.125	31.3231	0	71.18391	102.85
Si	3.9787	-68.6109	12.114	71.18614	102.58
Si	13.9222	-63.6392	25.9586	71.20759	101.47
Si	-10.9363	-68.6109	-1.7306	71.2181	108.36
Si	70.5968	-5.9646	15.5752	71.22882	103.45
Si	50.7099	-40.7666	29.4198	71.22993	103.99
Si	-53.6957	-40.7666	15.5752	71.23366	102.81
Si	43.7524	-53.6957	-15.5752	71.23366	100.41
Si	-20.8798	5.9646	67.4924	71.24436	103.7
Si	-53.1958	-28.3373	-34.6115	71.26465	103.58
Si	56.1816	-28.3373	-34.6115	71.26465	102.73
Si	55.6816	-40.7666	-19.0363	71.30683	99.85
Si	-51.2099	18.3939	44.995	71.32864	98.58
Si	18.3939	23.3656	65.7618	71.33498	102.88
Si	3.9787	60.6534	39.8032	71.34728	102.78
Si	1.4929	36.2948	62.3007	71.3621	102.92
Si	48.724	40.7666	-36.3421	71.3719	106.85
Si	-65.6251	10.9363	-22.4975	71.41522	104.86
Si	63.6392	20.8798	-29.4198	71.43899	102.58
Si	68.6109	-13.9222	19.0363	71.44807	100.6
Si	43.2524	-51.2099	-24.2281	71.47335	104.92
Si	-15.908	55.6816	-43.2644	71.49139	109.84
Si	-53.6957	28.8373	36.3421	71.51397	97.9
Si	30.8231	-10.9363	64.0313	71.5175	99.8
Si	-63.1392	-28.3373	-6.9223	71.5197	102.06

Si	40.7666	38.7807	-46.7255	71.52671	103.89
Si	-33.309	6.4646	62.3007	71.53508	107.65
Si	58.6675	35.7948	25.9586	71.55	96.6
Si	-15.908	60.6534	-36.3421	71.57862	104.35
Si	38.7807	60.6534	-15.5752	71.64441	103.92
Si	-43.7524	48.724	29.4198	71.71776	98.18
Si	-18.3939	61.1533	-34.6115	71.78304	105.74
Si	61.1533	-18.3939	34.6115	71.78304	103.02
Si	70.5968	-15.908	8.6529	71.78446	102.16
Si	70.5968	18.8939	8.6529	71.78446	104.37
Si	-8.9505	43.7524	57.109	71.80779	109.01
Si	48.724	50.7099	-22.4975	71.82782	107.44
Si	-66.125	3.4788	24.2281	71.85487	102.63
Si	-20.8798	-8.9505	67.4924	71.86672	103.3
Si	-18.8939	48.724	50.1867	71.86865	106.34
Si	31.3231	21.3797	-62.3007	71.87978	106.53
Si	-18.3939	-28.3373	-62.3007	71.87978	103.24
Si	-28.3373	-18.3939	-62.3007	71.87978	105.03
Si	46.2382	11.4363	55.3784	71.88728	104.87
Si	-8.9505	-35.7948	-60.5701	71.89006	105.11
Si	40.7666	28.8373	-53.6478	71.89035	104.69
Si	-33.809	33.809	-53.6478	71.89323	99.56
Si	28.3373	68.1109	3.4611	71.9066	100.77
Si	70.5968	13.9222	15.5752	71.91951	103.7
Si	-40.7666	-48.724	-29.4198	71.92445	97.14
Si	-45.7383	-38.7807	-36.3421	71.92696	99.02
Si	0.993	-65.6251	-25.9586	71.96471	106.89
Si	-60.6534	-23.8655	25.9586	71.96567	105.64
Si	-61.1533	18.3939	-31.1504	71.97593	101.16
Si	0.993	63.6392	36.3421	71.99412	100.76
Si	-33.809	-60.6534	8.6529	71.99479	106.95
Si	56.1816	46.2382	13.8446	72.00464	104.32
Si	-21.3797	58.1675	38.0727	72.00481	99.71
Si	-38.7807	-15.908	57.109	72.01518	98.85
Si	-38.7807	18.8939	57.109	72.01518	97.6
Si	-38.2807	-58.1675	-6.9223	72.03625	111.75
Si	53.6957	25.8515	-43.2644	72.04361	92.48
Si	-66.125	-16.408	17.3058	72.05631	105.27
Si	70.5968	8.9505	-19.0363	72.06484	104.51
Si	-48.724	13.9222	50.1867	72.07586	99.91
Si	68.6109	5.9646	25.9586	72.10178	104.87
Si	53.1958	-31.3231	38.0727	72.1083	102.91
Si	-43.2524	-43.2524	-34.6115	72.12655	99.61
Si	63.6392	5.9646	-36.3421	72.13113	97.62
Si	-65.6251	-3.9787	25.9586	72.17069	102.11
Si	5.9646	13.9222	70.9536	72.17266	109.09
Si	-0.993	-58.6675	39.8032	72.17855	102.59
Si	28.3373	-11.4363	65.7618	72.197	100.5
Si	-28.3373	61.1533	27.6892	72.22116	98.63
Si	-68.6109	18.8939	1.7306	72.25182	110.6
Si	33.309	48.2241	44.995	72.25382	97.26
Si	-40.7666	-28.8373	-50.1867	72.28057	96.18
Si	70.5968	18.8939	-12.114	72.28338	99.59
Si	55.6816	43.7524	22.4975	72.3078	99.76
Si	58.6675	-23.8655	-36.3421	72.33759	103.59
Si	16.408	-13.4222	69.223	72.36535	103.17
Si	31.3231	46.2382	48.4561	72.38768	97.45
Si	-68.1109	21.3797	0	72.38905	105.24
Si	58.1675	3.4788	-44.995	72.3913	103.62
Si	-15.908	-58.6675	-36.3421	72.40723	97.09
Si	73.5825	5.9646	5.1917	72.41456	104.29
Si	3.9787	15.908	-70.9536	72.44575	116.03

Si	8.9505	65.6251	32.8809	72.45483	103.37
Si	-8.9505	-55.6816	43.2644	72.45549	101.41
Si	41.2665	-48.2241	34.6115	72.46844	105.63
Si	38.7807	60.6534	19.0363	72.47563	100.81
Si	60.6534	-35.7948	-19.0363	72.47563	102.62
Si	58.1675	43.2524	17.3058	72.49383	102.72
Si	43.2524	58.1675	-17.3058	72.49383	102.58
Si	-68.1109	16.408	-13.8446	72.51774	104.56
Si	31.3231	-63.1392	13.8446	72.51774	102.81
Si	28.3373	68.1109	-10.3835	72.56994	98.87
Si	38.2807	-56.1816	24.2281	72.57196	106.04
Si	40.7666	-5.9646	-60.5701	72.57255	100.17
Si	63.6392	10.9363	-36.3421	72.6091	98.07
Si	30.8231	28.8373	-60.5701	72.64102	107.68
Si	-10.9363	10.9363	-70.9536	72.65037	106.59
Si	-20.8798	70.5968	-1.7306	72.65586	98.71
Si	58.1675	8.4505	44.995	72.69776	103.35
Si	21.3797	11.4363	-69.223	72.70612	109.91
Si	11.4363	-18.3939	-69.223	72.70612	104.98
Si	-61.1533	-26.3514	24.2281	72.71073	105.98
Si	21.3797	71.0967	6.9223	72.71927	100.69
Si	43.7524	60.6534	-1.7306	72.72424	102.76
Si	73.5825	10.9363	-1.7306	72.72614	105.08
Si	23.8655	-13.9222	67.4924	72.75566	102.13
Si	63.1392	-21.3797	-31.1504	72.75827	103.39
Si	-16.408	-46.2382	51.9173	72.76057	101.65
Si	-16.408	-46.2382	-51.9173	72.76057	103.02
Si	6.4646	-68.1109	20.7669	72.80571	101.42
Si	58.6675	45.7383	-8.6529	72.81107	99.38
Si	-53.6957	-35.7948	29.4198	72.81268	106.44
Si	-40.7666	-23.8655	53.6478	72.84916	99.39
Si	-23.8655	43.7524	-53.6478	72.84916	106.54
Si	70.5968	-15.908	15.5752	72.94328	101.2
Si	48.724	50.7099	25.9586	72.98595	99.38
Si	63.1392	-36.2948	10.3835	73.04788	98.18
Si	-18.3939	66.125	27.6892	73.07178	102.36
Si	8.4505	-1.4929	72.6842	73.07742	109.37
Si	13.9222	65.6251	32.8809	73.13394	105.14
Si	33.809	15.908	-64.0313	73.15823	107.96
Si	-8.9505	-50.7099	50.1867	73.16354	100.7
Si	-56.1816	-1.4929	44.995	73.21071	100.86
Si	-63.6392	33.809	8.6529	73.22147	115.81
Si	-43.7524	8.9505	57.109	73.24058	97.55
Si	-15.908	-3.9787	-70.9536	73.26078	101.8
Si	23.3656	-61.1533	31.1504	73.30284	103.11
Si	-63.1392	1.4929	34.6115	73.31619	102.56
Si	-53.6957	28.8373	-39.8032	73.33346	103.97
Si	3.4788	-61.1533	38.0727	73.33496	102.41
Si	13.4222	58.1675	44.995	73.34074	99.26
Si	-38.7807	-20.8798	57.109	73.37526	98.34
Si	33.309	8.4505	65.7618	73.38456	103.73
Si	-23.3656	-28.3373	-62.3007	73.41092	102.95
Si	63.6392	15.908	-36.3421	73.42139	99.75
Si	-55.6816	-43.7524	-8.6529	73.42298	104.41
Si	63.1392	13.4222	-38.0727	73.43093	98.64
Si	8.4505	-6.4646	72.6842	73.44873	108.18
Si	33.309	63.1392	-24.2281	73.48149	96.86
Si	-33.309	56.1816	-34.6115	73.48457	100.68
Si	-63.1392	-3.4788	34.6115	73.48457	101.95
Si	66.125	6.4646	34.6115	73.48457	107.49
Si	73.0826	-11.4363	10.3835	73.48514	102.05
Si	-66.125	28.3373	-10.3835	73.4889	105.27

Si	-5.9646	-33.809	-64.0313	73.49721	104.71
Si	3.9787	-48.724	53.6478	73.52558	114.91
Si	-70.5968	15.908	-1.7306	73.53714	109.62
Si	-13.4222	-18.3939	-69.223	73.55113	102.85
Si	-43.7524	-40.7666	-39.8032	73.60224	98.43
Si	-13.9222	-60.6534	36.3421	73.62423	102.86
Si	-61.1533	8.4505	-38.0727	73.6375	100.25
Si	-20.8798	70.5968	12.114	73.6385	99.62
Si	-43.2524	56.1816	-20.7669	73.64958	105.92
Si	3.9787	-68.6109	-22.4975	73.66718	105.6
Si	-68.6109	-0.993	22.4975	73.66718	103.15
Si	-38.7807	-50.7099	-32.8809	73.67667	98.95
Si	3.4788	13.4222	72.6842	73.68336	106.34
Si	-68.6109	13.9222	-19.0363	73.69807	104.49
Si	15.908	73.5825	-5.1917	73.69985	100.28
Si	-18.3939	-68.1109	13.8446	73.70106	108.78
Si	-18.3939	-68.1109	-13.8446	73.70106	103.78
Si	48.2241	-46.2382	-31.1504	73.70487	105.48
Si	70.5968	13.9222	22.4975	73.729	103.17
Si	-10.9363	70.5968	-22.4975	73.729	104.81
Si	66.125	-33.309	6.9223	73.73194	98.73
Si	73.5825	-13.9222	-1.7306	73.73965	98.53
Si	0.993	-70.5968	15.5752	73.75469	101.07
Si	30.8231	-65.6251	8.6529	73.75605	102.64
Si	30.8231	68.6109	8.6529	73.75606	101.83
Si	-66.125	18.3939	-24.2281	73.78904	102.16
Si	35.7948	-35.7948	-53.6478	73.79084	101.96
Si	15.908	53.6957	50.1867	73.83519	99.06
Si	-28.8373	-65.6251	-5.1917	73.83557	105.85
Si	-48.724	-25.8515	-46.7255	73.8426	102.77
Si	63.6392	-28.8373	25.9586	73.86423	101.96
Si	68.1109	8.4505	-31.1504	73.86955	97.51
Si	53.6957	30.8231	-43.2644	73.87291	93.11
Si	25.8515	68.6109	-19.0363	73.89548	100.22
Si	71.0967	26.3514	0	73.90963	104.49
Si	26.3514	-68.1109	0	73.90963	107.14
Si	-43.7524	58.6675	-12.114	73.91084	106.59
Si	-18.3939	46.2382	-55.3784	73.92154	109.07
Si	-60.6534	-33.809	19.0363	73.96458	105.09
Si	8.9505	30.8231	67.4924	73.96692	101.73
Si	-18.8939	-20.8798	-67.4924	73.96879	102.8
Si	68.1109	-6.4646	31.1504	73.97043	105.73
Si	8.4505	13.4222	72.6842	73.98447	106.66
Si	-60.6534	-3.9787	39.8032	74.00265	101.26
Si	-51.2099	3.4788	51.9173	74.00628	97.91
Si	-10.9363	-63.6392	32.8809	74.01233	100.04
Si	68.6109	-8.9505	-29.4198	74.02302	99.71
Si	-60.6534	40.7666	-8.6529	74.0233	113.94
Si	-40.7666	35.7948	-50.1867	74.03504	98.75
Si	-13.9222	-50.7099	50.1867	74.0369	100.66
Si	-6.4646	73.0826	-17.3058	74.08033	104.33
Si	41.2665	-3.4788	-62.3007	74.08127	99.82
Si	-3.4788	-38.2807	-62.3007	74.08127	103.15
Si	-33.309	-18.3939	62.3007	74.08127	98.85
Si	-3.4788	41.2665	-62.3007	74.08127	105.24
Si	43.2524	18.3939	-58.8396	74.10528	100.52
Si	48.724	0.993	-57.109	74.11117	102.46
Si	66.125	-28.3373	-20.7669	74.15129	97.76
Si	70.5968	-5.9646	-25.9586	74.1944	100.15
Si	-58.6675	-15.908	-39.8032	74.20483	103.03
Si	16.408	61.1533	-41.5338	74.20836	100.38
Si	26.3514	11.4363	-69.223	74.22021	109.95

Si	56.1816	-48.2241	-6.9223	74.23309	99.92
Si	-23.3656	-68.1109	-6.9223	74.23309	104.52
Si	51.2099	56.1816	6.9223	74.23309	105.03
Si	-53.6957	-35.7948	-32.8809	74.27865	102.08
Si	18.3939	73.0826	-10.3835	74.28691	101.92
Si	50.7099	48.724	29.4198	74.28744	99.17
Si	28.3373	23.3656	65.7618	74.32131	103.82
Si	-30.8231	-63.6392	-15.5752	74.3579	109.03
Si	-28.8373	8.9505	-67.4924	74.36908	96.49
Si	-15.908	-53.6957	46.7255	74.37644	100.68
Si	58.1675	38.2807	31.1504	74.40226	97.64
Si	38.2807	28.3373	-58.8396	74.40468	106.46
Si	36.2948	61.1533	27.6892	74.41255	104.47
Si	51.2099	1.4929	55.3784	74.42142	105.5
Si	10.9363	43.7524	-60.5701	74.45657	101.37
Si	68.1109	13.4222	31.1504	74.50242	102.76
Si	-36.2948	-36.2948	51.9173	74.50652	104.93
Si	-48.724	13.9222	-53.6478	74.52729	95.47
Si	-65.6251	20.8798	25.9586	74.52865	94.9
Si	20.8798	-60.6534	36.3421	74.55705	103.17
Si	63.6392	-38.7807	-8.6529	74.55862	99.79
Si	36.2948	-43.2524	48.4561	74.57418	102.94
Si	56.1816	16.408	-48.4561	74.57418	99.13
Si	1.4929	-73.0826	0	74.5755	109.64
Si	61.1533	46.2382	0	74.5755	97.54
Si	-63.1392	26.3514	-27.6892	74.57845	98.95
Si	-23.3656	-63.1392	27.6892	74.57845	104.21
Si	-38.7807	-55.6816	-25.9586	74.59717	102.76
Si	23.8655	-3.9787	-70.9536	74.59816	112.96
Si	13.4222	13.4222	72.6842	74.61637	107.35
Si	60.6534	28.8373	36.3421	74.62184	95.16
Si	-11.4363	-31.3231	-65.7618	74.62356	103.45
Si	-38.2807	-58.1675	20.7669	74.64963	97.74
Si	41.2665	61.1533	20.7669	74.64963	100.67
Si	30.8231	33.809	-60.5701	74.65475	105.57
Si	33.809	30.8231	60.5701	74.65475	96.1
Si	68.1109	-11.4363	-31.1504	74.66905	99.33
Si	-15.908	-68.6109	19.0363	74.69747	109.97
Si	66.125	-33.309	-13.8446	74.70043	98.37
Si	23.8655	60.6534	39.8032	74.73146	99.53
Si	6.4646	-73.0826	0	74.74104	109.35
Si	-73.0826	6.4646	0	74.74104	105.52
Si	-23.8655	63.6392	-32.8809	74.74197	103.16
Si	63.6392	30.8231	-29.4198	74.75255	102.72
Si	-31.3231	-61.1533	24.2281	74.75583	100.77
Si	45.7383	58.6675	-19.0363	74.75936	102.54
Si	-38.7807	18.8939	-60.5701	74.78966	97.22
Si	-68.6109	3.9787	-25.9586	74.79684	104.42
Si	-66.125	33.309	-3.4611	74.80925	110.82
Si	-63.1392	-13.4222	34.6115	74.81794	103.19
Si	0.993	-30.8231	-67.4924	74.83184	102.45
Si	50.7099	-15.908	-53.6478	74.85452	107.1
Si	70.5968	-10.9363	-25.9586	74.85773	98.79
Si	-53.1958	-28.3373	-41.5338	74.87157	105.27
Si	56.1816	-28.3373	41.5338	74.87157	101.29
Si	68.6109	-13.9222	-29.4198	74.88637	98.92
Si	46.2382	-58.1675	-6.9223	74.89608	100.59
Si	46.2382	-58.1675	6.9223	74.89608	99.26
Si	-30.8231	-43.7524	-50.1867	74.90101	84.68
Si	5.9646	-5.9646	-74.4147	74.92105	103.83
Si	-51.2099	13.4222	-51.9173	74.93527	97.21
Si	13.4222	-51.2099	-51.9173	74.93527	99.87

Si	-70.5968	-18.8939	-1.7306	74.93686	100.8
Si	-31.3231	-31.3231	58.8396	74.93912	102.57
Si	-46.2382	-56.1816	3.4611	74.94388	103.89
Si	-11.4363	-11.4363	72.6842	74.94874	102.07
Si	48.724	-48.724	-29.4198	74.95363	105.71
Si	-5.9646	-53.6957	-50.1867	74.96735	103.01
Si	8.9505	-3.9787	74.4147	74.98737	110.01
Si	-41.2665	58.1675	-24.2281	75.01583	105.35
Si	-3.9787	-30.8231	-67.4924	75.02995	104.18
Si	16.408	-23.3656	69.223	75.04818	107.57
Si	6.4646	-73.0826	-6.9223	75.06092	110.1
Si	38.7807	-63.6392	-1.7306	75.07033	103.21
Si	23.8655	-8.9505	-70.9536	75.12662	112.72
Si	40.7666	-45.7383	43.2644	75.13326	101.91
Si	13.9222	-58.6675	-43.2644	75.13694	97.45
Si	-60.6534	40.7666	-15.5752	75.1476	112.79
Si	43.7524	-58.6675	-15.5752	75.15128	100.26
Si	-16.408	8.4505	-72.6842	75.17869	103.65
Si	8.4505	-16.408	-72.6842	75.17869	103.57
Si	-8.9505	-0.993	-74.4147	75.18507	101.75
Si	56.1816	51.2099	13.8446	75.19513	103.43
Si	51.2099	56.1816	-13.8446	75.19513	102.25
Si	71.0967	-23.3656	-13.8446	75.19513	102.15
Si	-50.7099	-18.8939	-50.1867	75.22938	105.57
Si	15.908	-55.6816	-46.7255	75.23297	97.03
Si	-33.809	-25.8515	-60.5701	75.25075	95.85
Si	33.809	65.6251	-22.4975	75.25554	96.53
Si	28.8373	-53.6957	-43.2644	75.26823	96.64
Si	-36.2948	-26.3514	58.8396	75.26824	98.76
Si	68.6109	-28.8373	-15.5752	75.28163	98.72
Si	21.3797	71.0967	-20.7669	75.30895	100.86
Si	71.0967	21.3797	-20.7669	75.30895	99.54
Si	-53.6957	-30.8231	-39.8032	75.32868	105.84
Si	58.6675	40.7666	-29.4198	75.34502	100.4
Si	40.7666	58.6675	29.4198	75.34502	103.35
Si	61.1533	21.3797	-41.5338	75.36514	95.61
Si	25.8515	-5.9646	70.9536	75.38809	102.93
Si	-66.125	13.4222	-31.1504	75.39783	103.65
Si	-13.4222	-38.2807	62.3007	75.40409	103.22
Si	-43.2524	-23.3656	-55.3784	75.41123	97.46
Si	-68.6109	-25.8515	-5.1917	75.42682	101.78
Si	8.9505	-73.5825	-1.7306	75.46478	112.29
Si	-5.9646	70.5968	-29.4198	75.47504	102.86
Si	40.7666	-5.9646	64.0313	75.48535	104.13
Si	30.8231	-25.8515	64.0313	75.55118	101.17
Si	-8.9505	33.809	-67.4924	75.55539	102.1
Si	-28.3373	-48.2241	48.4561	75.56199	104.3
Si	-28.3373	51.2099	-48.4561	75.56199	103.29
Si	18.3939	73.0826	-17.3058	75.56598	100.43
Si	11.4363	-68.1109	-27.6892	75.56621	101.95
Si	-68.1109	-8.4505	27.6892	75.56621	103.82
Si	36.2948	-23.3656	-62.3007	75.56781	103.04
Si	18.3939	13.4222	-72.6842	75.57075	111.43
Si	5.9646	13.9222	-74.4147	75.57801	116.37
Si	13.9222	5.9646	74.4147	75.57801	108.23
Si	-56.1816	-46.2382	10.3835	75.58057	99.08
Si	23.3656	58.1675	44.995	75.59743	97.52
Si	73.0826	-1.4929	24.2281	75.63728	101.27
Si	-31.3231	-16.408	-65.7618	75.64359	106.04
Si	-3.9787	-10.9363	-74.4147	75.64375	103.44
Si	73.5825	5.9646	-22.4975	75.65085	105.47
Si	-60.6534	-38.7807	-15.5752	75.67497	100.34

Si	-5.9646	-23.8655	-70.9536	75.71708	102.01
Si	25.8515	58.6675	43.2644	75.72367	97.73
Si	50.7099	-45.7383	-32.8809	75.72486	106.51
Si	-68.1109	-28.3373	0	75.72668	100.9
Si	-71.0967	-11.4363	-17.3058	75.73575	99.93
Si	53.6957	55.6816	-8.6529	75.73923	100.96
Si	-20.8798	15.908	-70.9536	75.78089	102.22
Si	-58.6675	-30.8231	-32.8809	75.79413	103.77
Si	68.1109	33.309	17.3058	75.82685	96.82
Si	-51.2099	53.1958	-17.3058	75.8305	103.72
Si	-48.724	53.6957	22.4975	75.84864	99.51
Si	-48.724	-50.7099	22.4975	75.84864	98.89
Si	46.2382	-58.1675	13.8446	75.84971	100.58
Si	1.4929	76.0684	-13.8446	75.84972	104.61
Si	-33.809	-65.6251	1.7306	75.85535	105.32
Si	60.6534	38.7807	29.4198	75.86738	98.38
Si	35.7948	-65.6251	8.6529	75.87038	100.05
Si	-43.2524	56.1816	-27.6892	75.89261	106.44
Si	-13.4222	-48.2241	55.3784	75.9013	100.67
Si	23.3656	3.4788	72.6842	75.92987	103.25
Si	-11.4363	-16.408	-72.6842	75.96441	102.5
Si	-38.2807	56.1816	-34.6115	75.96545	102.14
Si	21.3797	66.125	34.6115	75.96545	100.82
Si	25.8515	68.6109	-25.9586	75.97374	100.07
Si	68.6109	25.8515	25.9586	75.97374	95.73
Si	53.1958	-31.3231	44.995	75.99096	101.87
Si	-6.4646	73.0826	-24.2281	75.99609	104.2
Si	-73.0826	6.4646	-13.8446	76.01247	104.89
Si	31.3231	11.4363	69.223	76.02984	102.83
Si	63.6392	-33.809	25.9586	76.04096	102.63
Si	-18.8939	-65.6251	29.4198	76.06551	104.49
Si	58.1675	-46.2382	17.3058	76.09045	94.52
Si	-70.5968	10.9363	-22.4975	76.10673	103.92
Si	50.7099	-40.7666	-39.8032	76.10831	105
Si	38.2807	43.2524	-51.9173	76.10913	99.16
Si	-15.908	75.5684	-1.7306	76.1116	100.62
Si	15.908	68.6109	-32.8809	76.11683	102.51
Si	-15.908	-58.6675	-43.2644	76.11745	95.68
Si	13.9222	70.5968	-29.4198	76.12722	102.66
Si	-8.9505	-10.9363	-74.4147	76.16497	102.67
Si	26.3514	21.3797	-69.223	76.19222	107.33
Si	48.724	60.6534	-8.6529	76.19457	104.4
Si	-33.809	-0.993	-67.4924	76.20779	96.22
Si	-21.3797	-41.2665	58.8396	76.24706	101.8
Si	-15.908	75.5684	5.1917	76.26883	99.15
Si	-70.5968	25.8515	5.1917	76.27065	108.95
Si	58.6675	-3.9787	-50.1867	76.273	103.66
Si	-3.9787	58.6675	50.1867	76.273	102.35
Si	-55.6816	-48.724	5.1917	76.27336	98.73
Si	13.9222	-73.5825	5.1917	76.27426	106.98
Si	-63.1392	-33.309	20.7669	76.28725	102.81
Si	28.3373	-26.3514	-65.7618	76.29252	100.51
Si	53.6957	50.7099	25.9586	76.29748	101.32
Si	6.4646	1.4929	76.1453	76.30743	109.97
Si	63.6392	10.9363	-43.2644	76.30951	97.57
Si	0.993	68.6109	36.3421	76.32704	100.38
Si	33.309	38.2807	-58.8396	76.33937	104.3
Si	-35.7948	35.7948	-57.109	76.34419	99.86
Si	-40.7666	20.8798	60.5701	76.3574	98.53
Si	65.6251	-30.8231	-25.9586	76.3617	99.09
Si	-13.9222	33.809	-67.4924	76.40142	102
Si	25.8515	53.6957	50.1867	76.40143	97.03

Si	-23.8655	73.5825	1.7306	76.43928	99.18
Si	-33.809	53.6957	43.2644	76.44059	99.99
Si	-33.809	23.8655	64.0313	76.46411	94.16
Si	53.1958	23.3656	51.9173	76.46572	101.99
Si	40.7666	53.6957	-39.8032	76.49741	96.73
Si	-61.1533	23.3656	38.0727	76.50156	96.19
Si	48.724	-58.6675	-1.7306	76.50519	99.61
Si	-70.5968	-18.8939	-15.5752	76.51879	102.03
Si	3.9787	75.5684	19.0363	76.52286	103.93
Si	41.2665	-18.3939	-62.3007	76.54281	101.86
Si	-21.3797	33.309	-65.7618	76.5509	99.81
Si	-41.2665	-61.1533	10.3835	76.5554	105.49
Si	60.6534	33.809	36.3421	76.5835	96.61
Si	25.8515	-70.5968	8.6529	76.58414	103.35
Si	-35.7948	20.8798	-64.0313	76.59132	96.77
Si	73.5825	-23.8655	5.1917	76.59584	96.01
Si	-53.6957	-15.908	50.1867	76.59819	105.73
Si	55.6816	28.8373	-46.7255	76.59901	91.18
Si	-21.3797	-56.1816	44.995	76.64235	101.25
Si	-10.9363	-38.7807	-64.0313	76.658	107.95
Si	60.6534	48.724	-12.114	76.66479	98.17
Si	-66.125	28.3373	24.2281	76.67986	94.36
Si	23.3656	68.1109	31.1504	76.72495	102.57
Si	63.1392	-6.4646	-44.995	76.73418	104.14
Si	-71.0967	-16.408	17.3058	76.741	105.92
Si	-70.5968	5.9646	25.9586	76.75132	102.88
Si	33.309	48.2241	51.9173	76.75591	96.76
Si	26.3514	-68.1109	-20.7669	76.77173	100.31
Si	51.2099	-53.1958	20.7669	76.77173	95.98
Si	51.2099	-53.1958	-20.7669	76.77173	100.9
Si	-53.1958	51.2099	-20.7669	76.77173	104.23
Si	56.1816	-48.2241	20.7669	76.77173	94.19
Si	33.809	70.5968	-8.6529	76.77593	97.29
Si	-25.8515	25.8515	67.4924	76.78723	96.24
Si	-55.6816	-8.9505	-50.1867	76.78994	99.88
Si	1.4929	-8.4505	-76.1453	76.79178	102.21
Si	-61.1533	-21.3797	38.0727	76.79342	101.48
Si	38.2807	68.1109	-10.3835	76.8057	99.93
Si	68.1109	38.2807	10.3835	76.8057	97.96
Si	-23.3656	-58.1675	-41.5338	76.82685	93.87
Si	-56.1816	-46.2382	17.3058	76.83811	100.53
Si	35.7948	63.6392	29.4198	76.83947	102.79
Si	-11.4363	-46.2382	-58.8396	76.86036	103.55
Si	-58.1675	41.2665	-27.6892	76.86348	103.99
Si	-65.6251	10.9363	-36.3421	76.90738	99.76
Si	43.7524	-3.9787	-64.0313	76.91426	100.88
Si	-50.7099	-53.6957	12.114	76.92642	99.86
Si	38.7807	30.8231	60.5701	76.93751	98.04
Si	-6.4646	-71.0967	-24.2281	76.93874	103.5
Si	-71.0967	-6.4646	24.2281	76.93874	103.75
Si	71.0967	-28.3373	13.8446	76.98183	92.87
Si	58.1675	43.2524	31.1504	76.98188	100.11
Si	43.2524	58.1675	-31.1504	76.98188	98.32
Si	43.2524	28.3373	58.8396	76.98422	97.37
Si	-3.4788	66.125	41.5338	76.98755	101.38
Si	18.8939	45.7383	60.5701	77.0012	101.14
Si	68.1109	-21.3797	31.1504	77.01596	104.47
Si	18.3939	48.2241	58.8396	77.0165	99
Si	-58.1675	-3.4788	48.4561	77.01996	99.76
Si	51.2099	21.3797	-55.3784	77.03267	99.87
Si	-26.3514	-66.125	-24.2281	77.0356	105.18
Si	-10.9363	-68.6109	-29.4198	77.03601	100.58

Si	-6.4646	78.0543	-3.4611	77.05161	103.14
Si	-73.5825	-10.9363	-12.114	77.05556	98.71
Si	-61.1533	-36.2948	-24.2281	77.06786	100.23
Si	-60.6534	15.908	-43.2644	77.0828	97.5
Si	28.8373	-23.8655	67.4924	77.11025	101.82
Si	66.125	41.2665	13.8446	77.14221	98.83
Si	-63.1392	-38.2807	-13.8446	77.14221	101.05
Si	28.8373	-58.6675	39.8032	77.14452	103.95
Si	48.2241	-31.3231	-51.9173	77.17575	97.64
Si	56.1816	26.3514	48.4561	77.18026	99.83
Si	26.3514	-53.1958	-48.4561	77.18026	98.22
Si	-30.8231	-33.809	60.5701	77.19643	101.17
Si	-16.408	48.2241	58.8396	77.24209	105.15
Si	63.1392	13.4222	44.995	77.24714	101.62
Si	-43.7524	-30.8231	-53.6478	77.26285	96.02
Si	78.5542	-3.9787	-1.7306	77.27474	98.32
Si	16.408	-73.0826	-13.8446	77.30225	106.38
Si	76.0684	-13.4222	13.8446	77.30226	103.48
Si	53.6957	20.8798	53.6478	77.32449	101.63
Si	-23.8655	18.8939	70.9536	77.33211	100.2
Si	-63.6392	13.9222	-39.8032	77.33671	100.7
Si	-26.3514	43.2524	-58.8396	77.33856	104.57
Si	-23.8655	-70.5968	-12.114	77.3739	104.33
Si	10.9363	48.724	-60.5701	77.3867	102.15
Si	23.8655	75.5684	-1.7306	77.39973	98.09
Si	-20.8798	-58.6675	-43.2644	77.40548	95.02
Si	-58.6675	23.8655	43.2644	77.40548	96.34
Si	66.125	26.3514	34.6115	77.41582	96.51
Si	-23.3656	66.125	-34.6115	77.41582	102.23
Si	-45.7383	-58.6675	12.114	77.439	102.13
Si	-8.4505	-58.1675	48.4561	77.49986	101.83
Si	61.1533	11.4363	48.4561	77.49986	101.76
Si	53.6957	5.9646	-57.109	77.50206	101.29
Si	-50.7099	5.9646	-57.109	77.50206	96.67
Si	28.3373	3.4788	72.6842	77.5084	103.46
Si	-18.8939	8.9505	-74.4147	77.51636	105.34
Si	8.9505	-28.8373	-70.9536	77.52383	102.57
Si	70.5968	13.9222	-32.8809	77.53054	99.5
Si	28.3373	-41.2665	58.8396	77.53116	99.2
Si	-73.0826	6.4646	20.7669	77.57246	105.12
Si	76.0684	-3.4788	20.7669	77.57247	100.82
Si	-25.8515	-13.9222	-70.9536	77.58703	106.15
Si	-13.4222	1.4929	-76.1453	77.59231	99.91
Si	23.3656	-66.125	-31.1504	77.59471	98.54
Si	-66.125	23.3656	-31.1504	77.59471	100
Si	65.6251	33.809	29.4198	77.60659	93.96
Si	65.6251	-30.8231	29.4198	77.60659	103.32
Si	-28.8373	-45.7383	-53.6478	77.64527	86.38
Si	48.724	-28.8373	53.6478	77.64527	97.99
Si	-45.7383	-28.8373	53.6478	77.64527	98.42
Si	-25.8515	70.5968	-22.4975	77.64788	101.6
Si	-15.908	75.5684	-15.5752	77.6696	102.26
Si	15.908	-65.6251	36.3421	77.67472	101.26
Si	-10.9363	-73.5825	-15.5752	77.67493	101.49
Si	-38.7807	48.724	-46.7255	77.69179	96.09
Si	78.0543	-11.4363	3.4611	77.72254	99.23
Si	6.4646	16.408	76.1453	77.75143	107.38
Si	0.993	-60.6534	-46.7255	77.75398	99.37
Si	18.3939	23.3656	72.6842	77.76275	103.51
Si	-31.3231	-46.2382	-51.9173	77.78527	85.92
Si	28.3373	8.4505	72.6842	77.7947	103.67
Si	8.4505	28.3373	72.6842	77.7947	100.7

Si	-63.6392	-40.7666	-5.1917	77.81387	101.62
Si	-20.8798	5.9646	74.4147	77.8337	101.3
Si	73.5825	30.8231	-1.7306	77.84713	103.83
Si	-66.125	-21.3797	-31.1504	77.88248	99.94
Si	-68.1109	6.4646	34.6115	77.89328	102.58
Si	13.9222	20.8798	74.4147	77.89665	104.35
Si	21.3797	-28.3373	69.223	77.95607	103.95
Si	-18.3939	-28.3373	69.223	77.95607	100.59
Si	-40.7666	-58.6675	25.9586	77.96781	96.92
Si	61.1533	-48.2241	6.9223	77.96834	97.09
Si	5.9646	73.5825	29.4198	77.98998	104.05
Si	25.8515	38.7807	64.0313	77.9982	98.29
Si	-66.125	-6.4646	-38.0727	78.0066	99.68
Si	-56.1816	-6.4646	-51.9173	78.00686	99.98
Si	-45.7383	25.8515	-57.109	78.00997	94.91
Si	-73.5825	18.8939	-12.114	78.01196	105.35
Si	-15.908	-48.724	-57.109	78.01263	103.71
Si	11.4363	-73.0826	20.7669	78.04896	103.81
Si	76.0684	11.4363	-20.7669	78.04897	102.47
Si	-33.809	28.8373	64.0313	78.06368	95.31
Si	28.3373	-61.1533	-38.0727	78.06853	98.81
Si	5.9646	33.809	70.9536	78.09439	101.73
Si	-3.9787	3.9787	77.8759	78.10742	108.5
Si	-33.309	11.4363	-69.223	78.11445	100.03
Si	36.2948	11.4363	69.223	78.11445	102.93
Si	-8.4505	36.2948	-69.223	78.11445	102.09
Si	-63.6392	-40.7666	8.6529	78.12117	100.62
Si	33.809	-3.9787	-70.9536	78.15802	99.59
Si	-13.4222	66.125	41.5338	78.26126	100.4
Si	16.408	66.125	41.5338	78.26126	95.59
Si	-16.408	-21.3797	72.6842	78.2725	100.9
Si	-38.7807	68.6109	1.7306	78.29288	99.52
Si	-35.7948	-23.8655	-64.0313	78.31622	96.37
Si	-13.9222	48.724	-60.5701	78.33994	105.99
Si	-10.9363	65.6251	-43.2644	78.3532	104.24
Si	3.4788	53.1958	58.8396	78.35322	101.67
Si	70.5968	23.8655	29.4198	78.3671	98.78
Si	18.3939	-71.0967	24.2281	78.37023	99.12
Si	18.3939	-71.0967	-24.2281	78.37023	103.2
Si	28.3373	73.0826	17.3058	78.3913	100.19
Si	73.0826	28.3373	17.3058	78.3913	99.37
Si	-0.993	-73.5825	-22.4975	78.41326	103.83
Si	76.0684	21.3797	13.8446	78.41342	104.12
Si	-60.6534	-18.8939	-43.2644	78.41927	103.01
Si	-10.9363	-68.6109	32.8809	78.42307	101.54
Si	75.5684	18.8939	-19.0363	78.43699	101.88
Si	-70.5968	25.8515	19.0363	78.43877	97.09
Si	-53.1958	11.4363	55.3784	78.46332	97.64
Si	-41.2665	-1.4929	-65.7618	78.49779	95.55
Si	20.8798	-55.6816	50.1867	78.50784	101.15
Si	-30.8231	55.6816	46.7255	78.51129	98.65
Si	71.0967	-28.3373	-20.7669	78.52257	97.57
Si	5.9646	58.6675	-53.6478	78.53034	99.11
Si	-5.9646	-63.6392	-43.2644	78.54683	99.32
Si	-70.5968	-8.9505	-29.4198	78.55893	99.69
Si	15.908	78.5542	-5.1917	78.56973	102.27
Si	-28.3373	-58.1675	-41.5338	78.57646	96.87
Si	31.3231	-58.1675	-41.5338	78.57646	98.02
Si	-63.6392	-40.7666	-12.114	78.57986	101.93
Si	-75.5684	-13.9222	-1.7306	78.60706	100.34
Si	-73.5825	18.8939	15.5752	78.6238	101.12
Si	38.7807	-13.9222	67.4924	78.6335	101.02

Si	60.6534	-20.8798	-46.7255	78.63694	106.6
Si	-46.2382	63.1392	10.3835	78.65329	98.09
Si	56.1816	46.2382	34.6115	78.6826	100.76
Si	-18.3939	1.4929	-76.1453	78.69937	100.74
Si	21.3797	1.4929	-76.1453	78.69937	109.29
Si	21.3797	1.4929	76.1453	78.69937	101.57
Si	-51.2099	28.3373	51.9173	78.69948	93.36
Si	-50.7099	15.908	-57.109	78.70431	96.25
Si	30.8231	-15.908	70.9536	78.72399	100.76
Si	28.8373	-18.8939	-70.9536	78.72575	103.13
Si	63.1392	-36.2948	-31.1504	78.73069	98.27
Si	73.0826	-26.3514	17.3058	78.73931	93.98
Si	58.6675	-18.8939	-50.1867	78.76072	107.56
Si	-31.3231	73.0826	3.4611	78.82864	97.35
Si	73.0826	-31.3231	3.4611	78.82864	97.82
Si	-31.3231	73.0826	-3.4611	78.82864	98.64
Si	18.8939	20.8798	74.4147	78.84285	105.06
Si	21.3797	-3.4788	-76.1453	78.85626	111.61
Si	6.4646	-18.3939	76.1453	78.85626	97.32
Si	-75.5684	15.908	-8.6529	78.87408	107.11
Si	51.2099	-58.1675	-13.8446	78.88483	100.37
Si	-48.2241	61.1533	13.8446	78.88483	99.37
Si	-6.4646	78.0543	17.3058	78.89525	103.52
Si	36.2948	-13.4222	-69.223	78.90156	97.39
Si	-15.908	-53.6957	53.6478	78.90924	100.69
Si	66.125	46.2382	6.9223	78.91368	98.94
Si	56.1816	31.3231	-48.4561	78.92204	93.78
Si	71.0967	-23.3656	27.6892	78.92608	104.19
Si	-53.1958	-48.2241	-27.6892	78.92608	99.55
Si	-8.9505	8.9505	77.8759	78.9261	108.86
Si	-36.2948	-51.2099	-44.995	78.93061	91.64
Si	-65.6251	30.8231	-29.4198	78.93419	98.47
Si	-36.2948	23.3656	65.7618	78.93634	93.83
Si	-31.3231	-66.125	24.2281	78.96878	102.31
Si	8.9505	-23.8655	74.4147	78.96973	97.85
Si	38.2807	-36.2948	-58.8396	79.01484	97.51
Si	50.7099	13.9222	-60.5701	79.02876	99.11
Si	-20.8798	15.908	74.4147	79.03091	100.59
Si	15.908	-20.8798	-74.4147	79.03091	101.41
Si	73.5825	20.8798	25.9586	79.03555	97.86
Si	-30.8231	-58.6675	39.8032	79.0436	100.44
Si	-3.9787	13.9222	77.8759	79.0511	109.9
Si	-3.9787	-10.9363	77.8759	79.0511	102.13
Si	43.7524	45.7383	-50.1867	79.13415	99.4
Si	63.6392	40.7666	-29.4198	79.18396	100.05
Si	68.6109	-38.7807	12.114	79.20561	99.46
Si	-21.3797	-36.2948	65.7618	79.21923	100.51
Si	0.993	73.5825	-32.8809	79.23587	102.16
Si	-0.993	15.908	-77.8759	79.23779	112.09
Si	16.408	56.1816	-55.3784	79.24696	98.63
Si	-73.5825	-20.8798	-12.114	79.26922	100.51
Si	-48.724	-20.8798	57.109	79.26987	97.01
Si	25.8515	13.9222	-74.4147	79.28037	109.52
Si	28.3373	-71.0967	-17.3058	79.30549	98.02
Si	68.1109	43.2524	10.3835	79.30719	98.76
Si	-71.0967	33.309	3.4611	79.33154	110.35
Si	15.908	-65.6251	-39.8032	79.35309	98.29
Si	-53.1958	41.2665	41.5338	79.35899	95.95
Si	26.3514	31.3231	-69.223	79.37008	106.2
Si	-15.908	-73.5825	19.0363	79.38198	112.3
Si	-18.3939	-58.1675	48.4561	79.39044	101.34
Si	-61.1533	-46.2382	-10.3835	79.43941	100.87

Si	18.3939	-76.0684	-3.4611	79.45678	106.9
Si	-31.3231	58.1675	44.995	79.45719	98.9
Si	-40.7666	30.8231	60.5701	79.46613	95.89
Si	30.8231	-40.7666	-60.5701	79.46613	96.12
Si	-73.5825	3.9787	-25.9586	79.47548	104.55
Si	58.6675	-53.6957	-1.7306	79.48403	97.38
Si	-36.2948	-36.2948	58.8396	79.4853	102.52
Si	20.8798	38.7807	-67.4924	79.50757	104.97
Si	-30.8231	70.5968	-22.4975	79.53494	101.36
Si	-20.8798	-63.6392	39.8032	79.54254	99.72
Si	78.0543	-11.4363	-17.3058	79.55063	101.69
Si	-3.9787	78.5542	-19.0363	79.56615	105.23
Si	-26.3514	18.3939	-72.6842	79.64882	101.51
Si	-26.3514	-71.0967	-17.3058	79.64951	106.64
Si	3.4788	3.4788	-79.6064	79.65598	107.85
Si	5.9646	48.724	64.0313	79.69179	98.9
Si	30.8231	-45.7383	57.109	79.70244	100.28
Si	-38.2807	-28.3373	-62.3007	79.7067	96.18
Si	31.3231	-38.2807	-62.3007	79.7067	99.82
Si	48.724	-33.809	53.6478	79.71882	98.32
Si	68.6109	35.7948	25.9586	79.7201	92.64
Si	-60.6534	50.7099	-8.6529	79.74551	117.52
Si	50.7099	-55.6816	-25.9586	79.78156	101.26
Si	-3.9787	-40.7666	-67.4924	79.81871	101.59
Si	46.2382	-63.1392	-13.8446	79.81932	101.08
Si	-58.6675	53.6957	-5.1917	79.82079	115.28
Si	58.6675	-28.8373	46.7255	79.82557	101.34
Si	25.8515	-25.8515	70.9536	79.8465	105.24
Si	-48.2241	-3.4788	-62.3007	79.8616	95.5
Si	68.1109	38.2807	-24.2281	79.86425	97.44
Si	80.5401	-5.9646	8.6529	79.86836	101.55
Si	33.309	53.1958	-51.9173	79.88025	95.12
Si	-18.8939	78.5542	-5.1917	79.88132	101.82
Si	-61.1533	33.309	-38.0727	79.91456	98.93
Si	-25.8515	-73.5825	-1.7306	79.91891	103.55
Si	13.9222	-68.6109	-36.3421	79.93604	97.97
Si	78.0543	-21.3797	-3.4611	79.9799	99.34
Si	-3.4788	-38.2807	69.223	79.9905	93.04
Si	70.5968	-15.908	36.3421	79.99302	101.84
Si	-3.4788	-78.0543	-6.9223	80.00247	105.19
Si	-51.2099	-56.1816	-17.3058	80.02139	101.61
Si	3.4788	-6.4646	79.6064	80.02782	107.41
Si	-3.9787	68.6109	43.2644	80.04102	102.56
Si	48.2241	-61.1533	-17.3058	80.04899	99.98
Si	75.5684	8.9505	29.4198	80.05202	102.54
Si	40.7666	-65.6251	-19.0363	80.06011	98.8
Si	-8.9505	-75.5684	-19.0363	80.06183	102.52
Si	-51.2099	48.2241	38.0727	80.0682	98.85
Si	28.8373	-73.5825	5.1917	80.06866	100.26
Si	-20.8798	20.8798	74.4147	80.08706	101.13
Si	-5.9646	70.5968	39.8032	80.09529	100.97
Si	-43.7524	-60.6534	22.4975	80.09635	98.54
Si	-16.408	73.0826	31.1504	80.09914	98.9
Si	-18.3939	16.408	-76.1453	80.10026	103.05
Si	-13.4222	-18.3939	76.1453	80.10026	101.54
Si	16.408	-18.3939	-76.1453	80.10026	100.8
Si	33.309	68.1109	31.1504	80.12844	105.3
Si	-31.3231	-6.4646	72.6842	80.14485	99.48
Si	10.9363	-40.7666	-67.4924	80.18894	95.91
Si	58.1675	-21.3797	-51.9173	80.19082	108.27
Si	50.7099	28.8373	57.109	80.19642	99.58
Si	-68.1109	-18.3939	-34.6115	80.23796	99.13

Si	-50.7099	-53.6957	25.9586	80.27935	99.24
Si	-33.809	73.5825	1.7306	80.28781	99.17
Si	78.0543	18.3939	-17.3058	80.29186	100.09
Si	11.4363	-48.2241	62.3007	80.32452	92.92
Si	-26.3514	38.2807	65.7618	80.33224	98.32
Si	38.7807	-3.9787	-70.9536	80.34131	99.38
Si	30.8231	-30.8231	-67.4924	80.37299	100.87
Si	63.6392	-18.8939	46.7255	80.38066	101
Si	13.9222	-53.6957	-57.109	80.38475	98.97
Si	3.9787	-28.8373	74.4147	80.39683	97.81
Si	-6.4646	-6.4646	-79.6064	80.39795	101.89
Si	-55.6816	-48.724	25.9586	80.40225	100.17
Si	78.5542	5.9646	-22.4975	80.40264	105.35
Si	5.9646	78.5542	22.4975	80.40264	104.88
Si	20.8798	68.6109	-39.8032	80.40502	96.41
Si	-30.8231	-68.6109	-22.4975	80.40523	106.27
Si	-68.6109	33.809	22.4975	80.40523	95.22
Si	-61.1533	-21.3797	-44.995	80.45028	101.48
Si	28.3373	-36.2948	-65.7618	80.45591	99.9
Si	-38.2807	71.0967	-6.9223	80.46457	100.72
Si	38.7807	60.6534	39.8032	80.4651	99.64
Si	-15.908	-8.9505	-77.8759	80.47675	101.91
Si	-70.5968	-18.8939	-29.4198	80.48641	98.71
Si	18.8939	-38.7807	67.4924	80.49832	96.51
Si	48.2241	-56.1816	31.1504	80.50154	97.88
Si	10.9363	53.6957	-60.5701	80.51743	101.29
Si	33.309	-51.2099	-51.9173	80.53105	95.14
Si	-51.2099	33.309	-51.9173	80.53105	94.99
Si	-58.6675	-40.7666	-32.8809	80.53747	99.61
Si	71.0967	-33.309	20.7669	80.54269	100.33
Si	-8.9505	-60.6534	50.1867	80.56005	98.19
Si	33.809	70.5968	25.9586	80.58238	102.88
Si	36.2948	61.1533	-41.5338	80.59524	96.53
Si	-58.1675	36.2948	41.5338	80.59524	97.93
Si	76.0684	31.3231	-6.9223	80.61802	103.36
Si	76.0684	-28.3373	-6.9223	80.61802	97.88
Si	3.4788	63.1392	51.9173	80.62017	100.53
Si	-45.7383	-63.6392	5.1917	80.62208	103.19
Si	26.3514	-43.2524	-62.3007	80.63166	95.95
Si	-46.2382	-61.1533	-17.3058	80.6368	101.19
Si	-46.2382	-51.2099	-38.0727	80.65587	93.15
Si	8.9505	-28.8373	74.4147	80.70369	98.07
Si	-70.5968	-23.8655	25.9586	80.70824	102.42
Si	10.9363	38.7807	70.9536	80.70914	101.26
Si	1.4929	-63.1392	-48.4561	80.77934	99.51
Si	66.125	-38.2807	-27.6892	80.78329	97.77
Si	-41.2665	53.1958	-44.995	80.78429	96.12
Si	-11.4363	-31.3231	-72.6842	80.7901	103.54
Si	70.5968	-35.7948	-19.0363	80.79667	99.93
Si	-5.9646	80.5401	-15.5752	80.91149	103.74
Si	-65.6251	35.7948	-29.4198	80.91333	100.78
Si	-33.809	28.8373	-67.4924	80.92689	93.32
Si	80.5401	-10.9363	-12.114	80.93024	100.43
Si	-3.4788	66.125	-48.4561	80.93219	101.17
Si	8.4505	-11.4363	-79.6064	80.94912	101.16
Si	68.6109	40.7666	-22.4975	80.95293	99.06
Si	-68.6109	8.9505	-39.8032	80.95955	99.29
Si	25.8515	78.5542	-5.1917	80.98608	101.57
Si	63.1392	-6.4646	51.9173	80.98759	99.51
Si	-16.408	-51.2099	58.8396	80.99457	100.74
Si	-70.5968	30.8231	-22.4975	81.01431	100.17
Si	68.1109	-41.2665	17.3058	81.02971	100

Si	-6.4646	-11.4363	79.6064	81.04118	102.11
Si	45.7383	8.9505	-67.4924	81.04624	100.77
Si	-13.9222	-40.7666	-67.4924	81.10926	105.04
Si	-46.2382	-46.2382	-44.995	81.12374	95.49
Si	-15.908	-33.809	-70.9536	81.1383	103.54
Si	-1.4929	73.0826	-38.0727	81.13894	99.98
Si	15.908	68.6109	43.2644	81.14446	92.92
Si	78.5542	-23.8655	-1.7306	81.14492	98.86
Si	23.8655	5.9646	-77.8759	81.14914	109.2
Si	36.2948	-63.1392	34.6115	81.15686	96.53
Si	-66.125	-36.2948	24.2281	81.16088	103.48
Si	-23.8655	38.7807	-67.4924	81.17052	100.09
Si	-10.9363	-78.5542	5.1917	81.17257	102.52
Si	78.0543	13.4222	-24.2281	81.1847	104.92
Si	78.0543	28.3373	-3.4611	81.20499	103.58
Si	-68.1109	-3.4788	-41.5338	81.2063	99.6
Si	81.0401	16.408	6.9223	81.22891	102.76
Si	53.6957	15.908	60.5701	81.25069	99.92
Si	-76.0684	23.3656	-10.3835	81.25262	105.94
Si	18.8939	-13.9222	-77.8759	81.27157	100.11
Si	33.809	-63.6392	-36.3421	81.28504	98.38
Si	66.125	-43.2524	20.7669	81.3063	100
Si	66.125	46.2382	-20.7669	81.3063	97.11
Si	-63.1392	46.2382	20.7669	81.3063	95.25
Si	26.3514	76.0684	-20.7669	81.30631	100.8
Si	78.0543	-11.4363	-24.2281	81.33764	100.44
Si	41.2665	71.0967	-13.8446	81.35294	97.53
Si	73.0826	-21.3797	-31.1504	81.35469	99.1
Si	-53.6957	-35.7948	-46.7255	81.35993	97.85
Si	-33.309	26.3514	-69.223	81.36917	96.3
Si	73.5825	-28.8373	-22.4975	81.38164	100.91
Si	3.4788	-61.1533	51.9173	81.38729	95.2
Si	-63.1392	-8.4505	48.4561	81.38902	98.64
Si	-60.6534	-48.724	-15.5752	81.40322	102.09
Si	-48.724	-0.993	64.0313	81.41207	94.88
Si	-0.993	-48.724	-64.0313	81.41207	94.1
Si	5.9646	78.5542	-25.9586	81.43892	102.8
Si	68.1109	48.2241	3.4611	81.44779	98.01
Si	-18.8939	13.9222	77.8759	81.45402	101.68
Si	-73.0826	31.3231	-13.8446	81.50472	100.31
Si	13.4222	-11.4363	-79.6064	81.52705	99.52
Si	78.0543	-26.3514	3.4611	81.541	96.45
Si	78.0543	-26.3514	-3.4611	81.541	96.13
Si	-43.2524	-38.2807	-55.3784	81.55273	94.75
Si	-0.993	-3.9787	81.337	81.55875	107.58
Si	-10.9363	-58.6675	53.6478	81.55883	99.48
Si	-73.5825	-10.9363	29.4198	81.58635	102.43
Si	-48.2241	-53.1958	-34.6115	81.61244	92.63
Si	51.2099	56.1816	-34.6115	81.61244	94.45
Si	-36.2948	73.0826	-10.3835	81.61379	101.14
Si	-16.408	3.4788	-79.6064	81.61846	102.57
Si	38.7807	-13.9222	-70.9536	81.62359	98.98
Si	-6.4646	-76.0684	24.2281	81.64605	104.35
Si	0.993	8.9505	-81.337	81.67972	108.75
Si	-8.9505	-20.8798	77.8759	81.69608	101.72
Si	-23.3656	-53.1958	55.3784	81.70414	100.45
Si	78.5542	25.8515	12.114	81.72234	100.91
Si	18.8939	60.6534	53.6478	81.73641	96.68
Si	-15.908	60.6534	53.6478	81.73641	100.22
Si	70.5968	-30.8231	29.4198	81.76304	101.39
Si	45.7383	63.6392	29.4198	81.76387	99.46
Si	0.993	68.6109	-46.7255	81.7823	101.25

Si	28.3373	78.0543	10.3835	81.79295	100.02
Si	-8.9505	33.809	-74.4147	81.79818	102.81
Si	80.5401	18.8939	-12.114	81.84137	100.27
Si	-66.125	-41.2665	17.3058	81.85375	101.21
Si	-33.809	43.7524	-60.5701	81.85855	97.67
Si	8.4505	-16.408	79.6064	81.8904	99.21
Si	65.6251	-45.7383	-19.0363	81.89076	99.87
Si	13.9222	-78.5542	12.114	81.90716	102.09
Si	-38.7807	-5.9646	70.9536	81.9267	97.78
Si	8.9505	-38.7807	-70.9536	81.9267	94.78
Si	-78.5542	-15.908	1.7306	81.93494	101.29
Si	-23.8655	3.9787	77.8759	81.93828	101.93
Si	-61.1533	-51.2099	3.4611	81.93968	100.2
Si	-36.2948	3.4788	-72.6842	81.94413	94.06
Si	-36.2948	-41.2665	-58.8396	81.96566	89.05
Si	68.6109	40.7666	25.9586	81.98226	93.36
Si	-73.5825	3.9787	-32.8809	81.99791	100.89
Si	21.3797	-73.0826	27.6892	81.99806	99.65
Si	-58.1675	-8.4505	-55.3784	82.00611	99.83
Si	-1.4929	-71.0967	-38.0727	82.02251	99.42
Si	50.7099	33.809	57.109	82.02487	98.36
Si	78.5542	-23.8655	12.114	82.02593	95.79
Si	60.6534	-50.7099	22.4975	82.04409	95.23
Si	78.0543	18.3939	24.2281	82.06273	97.85
Si	63.6392	0.993	53.6478	82.10052	96.53
Si	65.6251	-30.8231	-39.8032	82.10698	96.5
Si	81.0401	16.408	-13.8446	82.10901	102.41
Si	-58.1675	-53.1958	13.8446	82.10901	100.23
Si	-66.125	28.3373	-38.0727	82.11169	97.99
Si	55.6816	53.6957	-32.8809	82.11403	93.25
Si	-46.2382	13.4222	65.7618	82.12909	96.11
Si	-63.1392	16.408	-48.4561	82.14476	99.25
Si	-76.0684	28.3373	-3.4611	82.14839	106.54
Si	-53.1958	-53.1958	27.6892	82.14864	96.75
Si	-33.309	51.2099	55.3784	82.15668	96.12
Si	36.2948	-48.2241	55.3784	82.15668	99.17
Si	-20.8798	80.5401	-1.7306	82.17054	99.77
Si	-10.9363	55.6816	60.5701	82.21708	100.51
Si	55.6816	13.9222	-60.5701	82.21708	99.49
Si	-43.7524	-30.8231	-60.5701	82.22044	95.86
Si	68.6109	35.7948	32.8809	82.23502	93.29
Si	-71.0967	-21.3797	31.1504	82.23594	101.68
Si	-0.993	-63.6392	-50.1867	82.26217	100.26
Si	48.2241	-66.125	-3.4611	82.26764	101
Si	43.2524	68.1109	-24.2281	82.27279	94.55
Si	-38.2807	-18.3939	69.223	82.27544	97.28
Si	-76.0684	-11.4363	24.2281	82.27952	102.05
Si	50.7099	58.6675	-32.8809	82.29461	94.15
Si	-73.5825	8.9505	-32.8809	82.2988	101.26
Si	-43.2524	31.3231	-62.3007	82.30043	97.4
Si	35.7948	-30.8231	-67.4924	82.31754	99.27
Si	13.9222	-48.724	-64.0313	82.31787	94.38
Si	10.9363	-65.6251	-46.7255	82.32419	99.53
Si	-26.3514	28.3373	72.6842	82.33415	97.78
Si	18.3939	63.1392	-51.9173	82.34872	98.71
Si	6.4646	81.0401	20.7669	82.36346	105.48
Si	6.4646	-78.0543	20.7669	82.36347	104.5
Si	48.724	0.993	67.4924	82.37875	97.48
Si	-45.7383	0.993	67.4924	82.37875	96.34
Si	-31.3231	73.0826	24.2281	82.39523	99.94
Si	-23.8655	58.6675	-53.6478	82.40187	95.33
Si	-28.3373	66.125	-41.5338	82.41484	99.99

Si	-13.4222	-68.1109	-41.5338	82.41484	96.96
Si	-18.8939	68.6109	43.2644	82.41508	100.37
Si	-56.1816	-1.4929	58.8396	82.44608	93.58
Si	-48.2241	61.1533	27.6892	82.44899	98.01
Si	-58.6675	18.8939	-53.6478	82.46302	95.87
Si	-41.2665	-46.2382	51.9173	82.47439	97.56
Si	70.5968	43.7524	15.5752	82.48509	98.79
Si	45.7383	28.8373	64.0313	82.49465	100.36
Si	45.7383	58.6675	-39.8032	82.52804	95.37
Si	38.7807	-68.6109	-22.4975	82.52908	97.6
Si	0.993	-25.8515	77.8759	82.53856	96.7
Si	13.4222	58.1675	-58.8396	82.56156	99.46
Si	60.6534	-5.9646	57.109	82.56518	98.12
Si	8.9505	60.6534	-57.109	82.56518	99.41
Si	-53.6957	-55.6816	22.4975	82.58845	98.05
Si	46.2382	51.2099	-48.4561	82.59489	97.87
Si	36.2948	-68.1109	27.6892	82.59875	93.09
Si	36.2948	-68.1109	-27.6892	82.59875	98.77
Si	-11.4363	-16.408	-79.6064	82.61231	102.5
Si	-48.724	-40.7666	50.1867	82.62146	97.96
Si	-30.8231	-48.724	-57.109	82.62871	85.57
Si	-81.0401	3.4788	3.4611	82.62941	102.09
Si	63.6392	10.9363	53.6478	82.64033	99.68
Si	-56.1816	8.4505	58.8396	82.68524	96.26
Si	70.5968	-35.7948	-25.9586	82.70169	97.99
Si	-18.8939	38.7807	70.9536	82.70675	97.75
Si	-63.1392	51.2099	13.8446	82.7089	94.42
Si	28.3373	-76.0684	-10.3835	82.72965	101.89
Si	-35.7948	55.6816	-50.1867	82.73753	97
Si	-45.7383	65.6251	-22.4975	82.76382	100.9
Si	-58.6675	-50.7099	22.4975	82.768	97.42
Si	28.3373	53.1958	-58.8396	82.80039	95.25
Si	-68.1109	41.2665	20.7669	82.81239	95.52
Si	-78.0543	-8.4505	-20.7669	82.8124	100.73
Si	55.6816	33.809	-53.6478	82.81809	92.23
Si	10.9363	13.9222	-81.337	82.82135	110.68
Si	-63.6392	-25.8515	43.2644	82.8354	95.75
Si	48.2241	-66.125	-10.3835	82.84806	100.7
Si	-58.1675	-38.2807	41.5338	82.8635	97.65
Si	35.7948	13.9222	-74.4147	82.87739	104.86
Si	10.9363	-70.5968	-39.8032	82.88784	98.91
Si	-15.908	75.5684	32.8809	82.89231	100.31
Si	-70.5968	25.8515	32.8809	82.89399	91.47
Si	23.8655	60.6534	53.6478	82.93722	94.27
Si	35.7948	-70.5968	22.4975	82.94383	93.84
Si	75.5684	-35.7948	1.7306	82.94913	96.45
Si	-31.3231	-21.3797	72.6842	82.96404	97.55
Si	18.3939	-46.2382	65.7618	82.99712	95.81
Si	-8.4505	-43.2524	69.223	83.02311	92.06
Si	46.2382	11.4363	69.223	83.02311	100.11
Si	36.2948	31.3231	69.223	83.02311	99.62
Si	-38.7807	73.5825	8.6529	83.0286	98.25
Si	-30.8231	75.5684	19.0363	83.02949	99.4
Si	6.4646	-53.1958	-62.3007	83.04787	96.38
Si	23.8655	30.8231	74.4147	83.05631	100.25
Si	-26.3514	-76.0684	-10.3835	83.05948	104.32
Si	53.1958	-51.2099	38.0727	83.06805	91.94
Si	-51.2099	53.1958	-38.0727	83.06805	94.37
Si	70.5968	33.809	-32.8809	83.07121	97.53
Si	-25.8515	75.5684	25.9586	83.11889	99.69
Si	-13.4222	-28.3373	76.1453	83.12886	99.06
Si	-28.3373	16.408	76.1453	83.12886	99.16

Si	21.3797	-78.0543	-13.8446	83.15598	103.4
Si	3.9787	-78.5542	-22.4975	83.18571	104.98
Si	-53.1958	-38.2807	-48.4561	83.19127	94.71
Si	-71.0967	38.2807	-17.3058	83.19905	102.82
Si	73.5825	30.8231	-29.4198	83.20279	95.69
Si	13.9222	-78.5542	19.0363	83.21307	100.88
Si	-38.7807	-25.8515	-67.4924	83.21598	96.46
Si	6.4646	1.4929	83.0676	83.21625	109.27
Si	-8.9505	-40.7666	70.9536	83.24263	93.83
Si	-8.9505	43.7524	70.9536	83.24263	97.74
Si	31.3231	71.0967	34.6115	83.26155	103.92
Si	73.5825	-18.8939	-36.3421	83.26634	98.42
Si	48.724	-48.724	46.7255	83.28144	97.17
Si	-46.2382	58.1675	38.0727	83.30543	95.89
Si	-16.408	18.3939	79.6064	83.3263	100.99
Si	-75.5684	-23.8655	19.0363	83.32997	103.91
Si	43.2524	43.2524	-58.8396	83.36549	94.97
Si	-56.1816	-56.1816	17.3058	83.37976	98.36
Si	-63.6392	38.7807	36.3421	83.38649	97.19
Si	-35.7948	-3.9787	74.4147	83.41383	99.13
Si	-51.2099	58.1675	31.1504	83.42625	97.24
Si	-81.0401	8.4505	-10.3835	83.47407	101.71
Si	45.7383	68.6109	22.4975	83.47819	95.96
Si	-5.9646	-78.5542	-22.4975	83.48232	104.87
Si	-48.2241	26.3514	62.3007	83.49313	93
Si	48.724	-23.8655	-64.0313	83.5095	97.46
Si	13.4222	78.0543	31.1504	83.51229	103.07
Si	43.2524	73.0826	-10.3835	83.52698	96.98
Si	15.908	-10.9363	-81.337	83.53439	101.27
Si	30.8231	8.9505	77.8759	83.54957	102.61
Si	16.408	81.0401	-20.7669	83.55526	100.87
Si	61.1533	56.1816	-20.7669	83.55526	91.31
Si	-78.0543	-13.4222	20.7669	83.55527	101.75
Si	-13.4222	-73.0826	-34.6115	83.55789	97.73
Si	-13.4222	-73.0826	34.6115	83.55789	101.79
Si	-50.7099	55.6816	-36.3421	83.56019	96.38
Si	-81.0401	-6.4646	-10.3835	83.56335	100.18
Si	-78.5542	-20.8798	8.6529	83.56407	99.29
Si	-25.8515	-68.6109	-36.3421	83.56433	92.43
Si	-51.2099	48.2241	-44.995	83.58191	93.42
Si	53.6957	25.8515	60.5701	83.58958	99.32
Si	-60.6534	40.7666	39.8032	83.59948	94.78
Si	-60.6534	-43.7524	32.8809	83.60888	99.49
Si	-81.0401	-11.4363	-3.4611	83.61124	99.81
Si	81.0401	-23.3656	6.9223	83.62787	97.12
Si	-13.9222	-80.5401	-5.1917	83.63013	100.92
Si	-1.4929	-76.0684	31.1504	83.63621	102.6
Si	-36.2948	18.3939	-72.6842	83.64532	97.11
Si	40.7666	43.7524	-60.5701	83.6482	94
Si	40.7666	-40.7666	-60.5701	83.6482	97.36
Si	-18.8939	-30.8231	-74.4147	83.65105	102.07
Si	-28.8373	33.809	70.9536	83.65797	99.82
Si	3.4788	53.1958	65.7618	83.67649	100.61
Si	-15.908	-23.8655	-77.8759	83.7287	99.93
Si	-51.2099	-26.3514	58.8396	83.75549	93.29
Si	45.7383	-35.7948	-60.5701	83.76615	96.07
Si	25.8515	-35.7948	70.9536	83.77426	95.56
Si	65.6251	33.809	43.2644	83.83952	94.93
Si	48.724	70.5968	5.1917	83.86345	94.58
Si	-45.7383	40.7666	-57.109	83.87273	97.41
Si	75.5684	33.809	22.4975	83.89071	97.61
Si	-50.7099	-63.6392	-8.6529	83.91778	94.55

Si	33.809	-73.5825	19.0363	83.92278	94.56
Si	68.6109	-3.9787	-50.1867	83.98489	103.11
Si	-53.6957	63.6392	-12.114	83.99222	97.25
Si	-25.8515	-53.6957	-57.109	83.99366	91.03
Si	-73.5825	28.8373	-25.9586	84.01123	98.9
Si	-6.4646	53.1958	65.7618	84.03055	99.43
Si	-41.2665	73.0826	10.3835	84.03135	98.78
Si	60.6534	-30.8231	50.1867	84.04158	100.1
Si	0.993	73.5825	43.2644	84.07719	100.54
Si	0.993	-70.5968	43.2644	84.0772	98.46
Si	68.6109	-33.809	-36.3421	84.09392	97.36
Si	18.8939	-78.5542	19.0363	84.09947	101.74
Si	-36.2948	48.2241	-58.8396	84.10593	97.84
Si	-66.125	23.3656	44.995	84.11386	95.61
Si	43.2524	8.4505	72.6842	84.1145	97.31
Si	35.7948	48.724	-60.5701	84.11983	93.71
Si	13.9222	30.8231	-77.8759	84.13918	102.67
Si	51.2099	-63.1392	-20.7669	84.14483	99.64
Si	43.7524	50.7099	53.6478	84.17997	94.81
Si	78.5542	-23.8655	-22.4975	84.18812	99.86
Si	3.9787	-43.7524	-70.9536	84.18861	95
Si	16.408	-53.1958	-62.3007	84.22999	96.3
Si	46.2382	-33.309	-62.3007	84.22999	96.37
Si	-43.2524	36.2948	-62.3007	84.22999	98.13
Si	73.5825	40.7666	19.0363	84.2717	95.58
Si	-36.2948	38.2807	-65.7618	84.29634	97.74
Si	-51.2099	3.4788	-65.7618	84.29798	95.21
Si	-63.6392	-50.7099	-12.114	84.34495	101.53
Si	38.2807	23.3656	72.6842	84.34894	98.13
Si	-41.2665	3.4788	-72.6842	84.35221	94.32
Si	36.2948	-58.1675	-48.4561	84.37138	93.3
Si	-78.0543	-3.4788	-27.6892	84.37516	101.16
Si	63.1392	58.1675	-10.3835	84.38064	93.98
Si	-1.4929	-81.0401	-17.3058	84.38069	104.23
Si	-35.7948	75.5684	-15.5752	84.38098	102.17
Si	75.5684	-5.9646	-39.8032	84.42215	99.57
Si	-40.7666	-33.809	-64.0313	84.45167	98.06
Si	68.6109	-8.9505	-50.1867	84.45464	103.01
Si	-31.3231	-26.3514	72.6842	84.47	97.81
Si	50.7099	33.809	-60.5701	84.47121	90.91
Si	40.7666	-5.9646	-74.4147	84.4724	97.4
Si	-20.8798	5.9646	81.337	84.47629	103.06
Si	68.6109	45.7383	25.9586	84.47675	92.79
Si	45.7383	68.6109	-25.9586	84.47675	94.28
Si	26.3514	-78.0543	13.8446	84.483	99.6
Si	-3.9787	33.809	77.8759	84.49211	99.62
Si	73.0826	-36.2948	24.2281	84.49848	100
Si	35.7948	78.5542	-5.1917	84.51053	99.6
Si	66.125	26.3514	-48.4561	84.51773	92.27
Si	-38.2807	76.0684	0	84.51891	99.19
Si	-10.9363	65.6251	53.6478	84.5311	101.46
Si	18.3939	-21.3797	79.6064	84.53394	94.57
Si	-3.4788	-13.4222	83.0676	84.54232	101.92
Si	16.408	6.4646	83.0676	84.54232	106.89
Si	-68.6109	-5.9646	-46.7255	84.57793	99.03
Si	-18.3939	81.0401	-20.7669	84.58431	102.3
Si	-18.3939	-78.0543	20.7669	84.58432	113.29
Si	-18.3939	-78.0543	-20.7669	84.58432	102.92
Si	-81.0401	8.4505	-17.3058	84.61438	105.19
Si	-26.3514	8.4505	-79.6064	84.6221	102.35
Si	63.6392	55.6816	19.0363	84.62245	94.41
Si	30.8231	-75.5684	-19.0363	84.62327	96.47

Si	-51.2099	63.1392	-24.2281	84.64544	102.07
Si	73.0826	43.2524	17.3058	84.66658	95.13
Si	50.7099	68.6109	15.5752	84.67423	95.47
Si	-6.4646	-41.2665	72.6842	84.70345	92.74
Si	-30.8231	25.8515	74.4147	84.70666	96.3
Si	-75.5684	20.8798	-29.4198	84.73385	98.76
Si	10.9363	-80.5401	-19.0363	84.74067	101.25
Si	68.1109	28.3373	-44.995	84.75332	91.92
Si	-75.5684	-33.809	-1.7306	84.78011	98.61
Si	-68.1109	-23.3656	-41.5338	84.78025	98.38
Si	26.3514	71.0967	-41.5338	84.78025	96.37
Si	51.2099	56.1816	41.5338	84.78025	96.32
Si	-36.2948	23.3656	72.6842	84.7898	95.86
Si	-58.6675	-35.7948	-46.7255	84.81107	97.45
Si	73.0826	8.4505	-44.995	84.84126	96.2
Si	45.7383	53.6957	50.1867	84.8616	94.25
Si	-45.7383	-18.8939	67.4924	84.86241	95.5
Si	36.2948	76.0684	20.7669	84.87605	99.97
Si	76.0684	36.2948	20.7669	84.87605	95.61
Si	-41.2665	-71.0967	10.3835	84.88482	100.37
Si	78.5542	25.8515	25.9586	84.88605	98.85
Si	-23.8655	23.8655	77.8759	84.90134	98.79
Si	53.1958	-31.3231	58.8396	84.92451	96.7
Si	-38.7807	-5.9646	-74.4147	84.9419	93.7
Si	66.125	56.1816	6.9223	84.94752	98.14
Si	63.1392	28.3373	-51.9173	84.94874	91.31
Si	-30.8231	-8.9505	-77.8759	84.95906	99.73
Si	-8.9505	-30.8231	77.8759	84.95906	98.71
Si	63.6392	35.7948	46.7255	84.98267	96.53
Si	-43.7524	-65.6251	-25.9586	85.00472	99.75
Si	-73.5825	3.9787	-39.8032	85.01058	99.12
Si	61.1533	-48.2241	-34.6115	85.02411	96.39
Si	-21.3797	-36.2948	72.6842	85.05323	99.73
Si	78.0543	-31.3231	-17.3058	85.0766	103.16
Si	-50.7099	-18.8939	-64.0313	85.09266	95.92
Si	-60.6534	30.8231	-50.1867	85.09478	93.99
Si	-48.2241	31.3231	-62.3007	85.10581	97.31
Si	-48.2241	-28.3373	-62.3007	85.10581	97.88
Si	13.4222	-51.2099	65.7618	85.11471	94.05
Si	-71.0967	33.309	31.1504	85.15785	92.32
Si	-51.2099	33.309	58.8396	85.15834	91.58
Si	-33.309	71.0967	34.6115	85.16934	100.78
Si	-75.5684	-23.8655	25.9586	85.17836	100.77
Si	-75.5684	-33.809	-8.6529	85.20296	98.83
Si	-15.908	70.5968	46.7255	85.21391	98.65
Si	-28.3373	41.2665	-69.223	85.22678	99.38
Si	3.9787	-23.8655	81.337	85.23463	97.22
Si	-0.993	-23.8655	81.337	85.23463	96.67
Si	-23.8655	-0.993	-81.337	85.23463	102.06
Si	21.3797	56.1816	-62.3007	85.2509	99.61
Si	-53.1958	21.3797	-62.3007	85.2509	96.18
Si	36.2948	-53.1958	55.3784	85.25722	99.3
Si	56.1816	-33.309	55.3784	85.25722	97.82
Si	66.125	6.4646	-55.3784	85.25722	91.46
Si	-65.6251	-48.724	-15.5752	85.25929	102.25
Si	50.7099	58.6675	-39.8032	85.2968	95.75
Si	8.9505	-73.5825	39.8032	85.30085	101.48
Si	-66.125	-1.4929	51.9173	85.30238	95.72
Si	-40.7666	-58.6675	-43.2644	85.30495	94.81
Si	46.2382	-68.1109	20.7669	85.31175	93.6
Si	48.2241	-26.3514	-65.7618	85.34478	97.32
Si	-3.4788	-48.2241	-69.223	85.37167	93.07

Si	-48.2241	-3.4788	-69.223	85.37167	95.15
Si	73.0826	13.4222	44.995	85.39285	97.77
Si	-58.6675	-0.993	-60.5701	85.40602	94.68
Si	-23.3656	-28.3373	76.1453	85.47451	99.95
Si	53.6957	60.6534	32.8809	85.47661	97.37
Si	-16.408	-76.0684	-31.1504	85.47832	99.8
Si	23.8655	75.5684	-36.3421	85.48959	97.44
Si	-33.809	73.5825	29.4198	85.49071	100.94
Si	61.1533	-58.1675	-13.8446	85.50088	96.2
Si	6.4646	-73.0826	-41.5338	85.50602	99.81
Si	-21.3797	-56.1816	-58.8396	85.50787	92.69
Si	58.1675	63.1392	17.3058	85.50886	95.63
Si	20.8798	-55.6816	-60.5701	85.51912	95.86
Si	58.6675	20.8798	60.5701	85.51912	98.37
Si	78.0543	3.4788	-38.0727	85.52848	97.96
Si	15.908	-30.8231	77.8759	85.53815	95.48
Si	81.0401	-13.4222	27.6892	85.53893	102.28
Si	61.1533	-53.1958	27.6892	85.53893	96.64
Si	-0.993	-33.809	-77.8759	85.53976	97.1
Si	78.0543	-1.4929	-38.0727	85.55753	99.19
Si	-76.0684	28.3373	-24.2281	85.57673	100.78
Si	28.3373	-46.2382	-65.7618	85.57745	95.67
Si	40.7666	-25.8515	70.9536	85.58355	97.89
Si	-6.4646	63.1392	58.8396	85.59019	100.41
Si	41.2665	-73.0826	13.8446	85.6453	93.81
Si	76.0684	41.2665	13.8446	85.64531	96.92
Si	76.0684	-38.2807	-13.8446	85.64531	102.29
Si	-36.2948	58.1675	-51.9173	85.64649	97.59
Si	3.9787	80.5401	32.8809	85.6493	102.33
Si	8.4505	-71.0967	44.995	85.68666	97.34
Si	-63.1392	11.4363	-55.3784	85.691	97.34
Si	53.6957	65.6251	-22.4975	85.69835	91.9
Si	-13.9222	33.809	77.8759	85.71232	98.25
Si	-80.5401	25.8515	5.1917	85.73047	103.28
Si	-26.3514	73.0826	-38.0727	85.73166	99.25
Si	-40.7666	-3.9787	74.4147	85.75169	98.46
Si	-13.9222	23.8655	-81.337	85.75471	102.98
Si	-73.5825	-30.8231	-25.9586	85.75838	98.63
Si	53.6957	-53.6957	39.8032	85.76259	93.27
Si	-6.4646	-71.0967	44.995	85.77364	98.64
Si	8.4505	78.0543	38.0727	85.78802	101.6
Si	-13.9222	-60.6534	57.109	85.79752	98.55
Si	-60.6534	50.7099	32.8809	85.82325	96.3
Si	-65.6251	40.7666	-36.3421	85.83697	98.5
Si	78.5542	-8.9505	-36.3421	85.83858	98.19
Si	70.5968	48.724	-19.0363	85.84001	95.49
Si	58.6675	0.993	-64.0313	85.84394	94.14
Si	-26.3514	-66.125	-44.995	85.86053	94.62
Si	-31.3231	33.309	-72.6842	85.86117	96.94
Si	-55.6816	-48.724	39.8032	85.87763	93.87
Si	-56.1816	38.2807	51.9173	85.87835	95.05
Si	13.9222	-73.5825	39.8032	85.87844	99.1
Si	-78.0543	26.3514	20.7669	85.88928	97.26
Si	-73.0826	26.3514	34.6115	85.89183	92.42
Si	26.3514	76.0684	-34.6115	85.89184	98.32
Si	-46.2382	-26.3514	65.7618	85.89636	94.76
Si	-21.3797	-21.3797	-79.6064	85.92729	98.91
Si	80.5401	8.9505	-32.8809	85.93741	98.35
Si	11.4363	-73.0826	-41.5338	85.93854	99.28
Si	-68.6109	-45.7383	15.5752	85.95292	100.47
Si	-48.724	68.6109	-19.0363	85.95897	100.68
Si	-50.7099	-8.9505	67.4924	85.96178	93.42

Si	-76.0684	-31.3231	17.3058	85.97753	100.74
Si	-18.3939	11.4363	83.0676	85.99176	101.34
Si	-81.0401	18.3939	17.3058	86.00482	101.79
Si	18.3939	-81.0401	-17.3058	86.00482	100.84
Si	-41.2665	18.3939	72.6842	86.00579	97.81
Si	-38.7807	28.8373	70.9536	86.04698	97.33
Si	13.4222	63.1392	-58.8396	86.05038	99.47
Si	-38.2807	-3.4788	-76.1453	86.05094	93.13
Si	-1.4929	-81.0401	24.2281	86.06747	103.81
Si	66.125	-28.3373	-48.4561	86.11122	99.91
Si	-63.1392	51.2099	27.6892	86.11493	97
Si	-63.6392	18.8939	-53.6478	86.15721	97.28
Si	-75.5684	-33.809	-15.5752	86.18154	98.93
Si	-36.2948	28.3373	-72.6842	86.20625	94.13
Si	8.4505	-61.1533	58.8396	86.22672	90.67
Si	80.5401	-30.8231	-12.114	86.25279	101.87
Si	30.8231	-30.8231	-74.4147	86.26785	99.75
Si	-81.0401	-21.3797	-10.3835	86.2709	101.31
Si	78.5542	-23.8655	-29.4198	86.29615	97.48
Si	38.2807	73.0826	-31.1504	86.30627	96.9
Si	-70.5968	35.7948	32.8809	86.34059	93.13
Si	-76.0684	-36.2948	-3.4611	86.34609	97.91
Si	10.9363	-55.6816	64.0313	86.36036	93.59
Si	10.9363	58.6675	64.0313	86.36036	96.03
Si	78.0543	33.309	24.2281	86.37657	95.56
Si	-40.7666	-23.8655	-70.9536	86.39052	98.86
Si	-71.0967	48.2241	3.4611	86.40043	98.12
Si	-73.5825	-25.8515	-32.8809	86.40134	97.13
Si	-63.1392	-13.4222	55.3784	86.40912	95.52
Si	66.125	16.408	-55.3784	86.40912	94.22
Si	16.408	66.125	-55.3784	86.40912	96.74
Si	15.908	78.5542	36.3421	86.41178	101.19
Si	10.9363	73.5825	-46.7255	86.42552	99.18
Si	51.2099	-13.4222	69.223	86.52204	93.93
Si	15.908	-50.7099	-67.4924	86.53416	96.44
Si	41.2665	61.1533	-48.4561	86.54072	94.77
Si	81.0401	-18.3939	27.6892	86.5444	101.31
Si	-53.1958	-23.3656	-62.3007	86.5458	96.06
Si	33.309	13.4222	79.6064	86.55495	103.48
Si	20.8798	-20.8798	-81.337	86.5569	97.31
Si	-43.7524	-60.6534	-39.8032	86.5655	95.11
Si	78.5542	-13.9222	-36.3421	86.58419	96.92
Si	-43.7524	43.7524	-60.5701	86.61255	95.09
Si	63.1392	33.309	-51.9173	86.64832	91.98
Si	-73.0826	16.408	-41.5338	86.65461	99.36
Si	-0.993	-63.6392	-57.109	86.65909	99.34
Si	-80.5401	-8.9505	25.9586	86.67373	101.35
Si	45.7383	-70.5968	-19.0363	86.70036	98.39
Si	-23.3656	1.4929	83.0676	86.70739	102.43
Si	21.3797	16.408	83.0676	86.70739	106.01
Si	-21.3797	53.1958	-65.7618	86.72351	94.01
Si	53.1958	-21.3797	65.7618	86.72351	93.1
Si	-15.908	-73.5825	39.8032	86.73761	101.29
Si	58.6675	55.6816	-36.3421	86.75308	93.83
Si	15.908	-40.7666	-74.4147	86.78254	95.23
Si	-56.1816	48.2241	44.995	86.80264	96.9
Si	-43.7524	48.724	57.109	86.82942	94.7
Si	-58.1675	-8.4505	62.3007	86.83094	92.24
Si	63.1392	18.3939	-58.8396	86.87924	96.81
Si	45.7383	-5.9646	-74.4147	86.89544	97.58
Si	78.0543	28.3373	-31.1504	86.90579	94.65
Si	-56.1816	-51.2099	38.0727	86.91064	96.01

Si	28.8373	75.5684	-36.3421	86.92323	99.64
Si	-63.6392	8.9505	57.109	86.94385	95.59
Si	-3.9787	63.6392	-60.5701	86.95307	98.42
Si	48.2241	-71.0967	10.3835	86.95327	93.46
Si	53.6957	45.7383	53.6478	86.9533	93.97
Si	-50.7099	45.7383	53.6478	86.9533	94.98
Si	-13.9222	43.7524	-74.4147	86.95422	97.81
Si	-38.7807	78.5542	1.7306	86.96784	98.43
Si	-33.309	-48.2241	-62.3007	86.97315	89.82
Si	33.809	50.7099	-64.0313	86.98649	95.85
Si	50.7099	33.809	64.0313	86.98649	97.12
Si	-40.7666	-73.5825	12.114	86.99962	100.38
Si	-1.4929	-46.2382	-72.6842	87.00666	91.55
Si	35.7948	53.6957	-60.5701	87.00863	95.62
Si	-38.2807	-73.0826	-20.7669	87.0328	102.85
Si	48.724	-33.809	-64.0313	87.046	96.08
Si	-28.3373	31.3231	-76.1453	87.05049	97.82
Si	31.3231	31.3231	76.1453	87.05049	99.84
Si	31.3231	31.3231	-76.1453	87.05049	103.32
Si	-51.2099	-51.2099	44.995	87.06156	94.7
Si	58.6675	-23.8655	60.5701	87.06734	92.89
Si	-38.2807	-33.309	69.223	87.09153	99.01
Si	36.2948	81.0401	-6.9223	87.10251	100.44
Si	33.309	73.0826	-38.0727	87.10268	96.16
Si	-68.6109	13.9222	50.1867	87.10755	93.63
Si	-40.7666	-58.6675	46.7255	87.11144	98.15
Si	78.0543	-36.2948	-17.3058	87.11515	103.23
Si	-41.2665	23.3656	72.6842	87.11927	99.19
Si	-0.993	-43.7524	74.4147	87.12557	95.13
Si	68.1109	48.2241	-31.1504	87.1327	97.14
Si	-15.908	70.5968	-50.1867	87.15984	99.85
Si	66.125	56.1816	-20.7669	87.17469	92.62
Si	58.1675	-6.4646	65.7618	87.17771	96.49
Si	35.7948	38.7807	70.9536	87.18607	97.44
Si	-55.6816	-13.9222	-64.0313	87.21558	93.98
Si	48.2241	73.0826	17.3058	87.22602	94.57
Si	13.9222	50.7099	-70.9536	87.24228	98.76
Si	8.9505	-48.724	-70.9536	87.24545	94.54
Si	-40.7666	-63.6392	39.8032	87.24873	97.52
Si	25.8515	-75.5684	-32.8809	87.2522	96.33
Si	3.9787	40.7666	-77.8759	87.25394	99.56
Si	-0.993	40.7666	-77.8759	87.25394	99.34
Si	40.7666	3.9787	77.8759	87.25394	99.27
Si	11.4363	-23.3656	83.0676	87.27567	96.12
Si	-38.2807	71.0967	34.6115	87.31887	101.87
Si	80.5401	8.9505	36.3421	87.32027	99.94
Si	-65.6251	-53.6957	-8.6529	87.32399	99.62
Si	-33.809	63.6392	50.1867	87.33315	94.99
Si	26.3514	36.2948	76.1453	87.33398	100.39
Si	-58.6675	-60.6534	-12.114	87.33942	93.68
Si	-16.408	78.0543	-38.0727	87.35914	99.02
Si	-65.6251	-43.7524	32.8809	87.36765	98.71
Si	-38.2807	-53.1958	55.3784	87.40458	97.46
Si	-38.2807	56.1816	55.3784	87.40458	97.38
Si	66.125	21.3797	55.3784	87.40458	96.67
Si	28.3373	-81.0401	-10.3835	87.40786	101.38
Si	-50.7099	-63.6392	25.9586	87.41379	97.14
Si	-53.6957	-50.7099	43.2644	87.42271	95.49
Si	-50.7099	-53.6957	-43.2644	87.42271	92.8
Si	-53.6957	53.6957	43.2644	87.42271	95.77
Si	-46.2382	53.1958	51.9173	87.44626	95.52
Si	31.3231	-78.0543	-20.7669	87.45778	98.96

Si	43.2524	58.1675	51.9173	87.47152	94.24
Si	-68.6109	-45.7383	22.4975	87.4726	97.84
Si	-61.1533	-46.2382	-38.0727	87.4776	93.78
Si	48.2241	-51.2099	51.9173	87.50309	98.85
Si	58.6675	-63.6392	12.114	87.50922	96.02
Si	-10.9363	-63.6392	-57.109	87.5106	94.8
Si	51.2099	-18.3939	-69.223	87.51622	97.5
Si	-28.8373	-60.6534	-53.6478	87.52236	95.57
Si	58.1675	68.1109	-3.4611	87.53255	93.57
Si	68.1109	58.1675	-3.4611	87.53255	91.28
Si	40.7666	-5.9646	77.8759	87.53677	95.81
Si	16.408	-58.1675	62.3007	87.53971	91.98
Si	33.809	-48.724	-64.0313	87.55611	97.19
Si	-30.8231	-48.724	-64.0313	87.55611	89.69
Si	63.6392	-38.7807	46.7255	87.56363	97.53
Si	-16.408	33.309	79.6064	87.57793	96.06
Si	-66.125	-31.3231	-44.995	87.59918	94.84
Si	5.9646	-30.8231	-81.337	87.63581	95.24
Si	-18.3939	76.0684	-41.5338	87.64729	98.03
Si	46.2382	31.3231	-69.223	87.65732	90.44
Si	-43.2524	-28.3373	69.223	87.65732	96.72
Si	25.8515	-80.5401	-19.0363	87.66494	99.22
Si	58.1675	33.309	58.8396	87.67193	96.24
Si	-30.8231	-3.9787	81.337	87.69251	99.16
Si	-18.3939	21.3797	83.0676	87.69946	100.69
Si	3.4788	38.2807	-79.6064	87.71815	99.51
Si	68.6109	-48.724	25.9586	87.752	96.84
Si	33.809	-38.7807	-70.9536	87.75361	99.82
Si	-28.8373	73.5825	-39.8032	87.75609	100.42
Si	-46.2382	73.0826	17.3058	87.76578	101.36
Si	-11.4363	58.1675	-65.7618	87.77127	97.21
Si	-38.7807	78.5542	-12.114	87.79043	100.73
Si	53.1958	28.3373	-65.7618	87.85461	90.52
Si	58.1675	-61.1533	-24.2281	87.88376	99.03
Si	-63.1392	36.2948	48.4561	87.95723	99.04
Si	-60.6534	15.908	60.5701	87.96985	95.7
Si	-43.7524	-10.9363	-74.4147	87.97256	94.78
Si	-13.4222	-23.3656	83.0676	87.98086	100.41
Si	26.3514	16.408	83.0676	87.98086	105.51
Si	23.3656	63.1392	58.8396	87.98167	95.54
Si	81.0401	16.408	34.6115	88.02371	98.47
Si	56.1816	-58.1675	-34.6115	88.02371	97.52
Si	-78.0543	16.408	34.6115	88.02372	98.04
Si	-71.0967	48.2241	17.3058	88.04853	95.09
Si	61.1533	-48.2241	41.5338	88.06929	95.38
Si	-28.3373	56.1816	-62.3007	88.10262	95.36
Si	56.1816	31.3231	-62.3007	88.10262	92.46
Si	-60.6534	-23.8655	-57.109	88.12855	93.4
Si	60.6534	38.7807	-53.6478	88.13866	92.98
Si	38.7807	60.6534	53.6478	88.13866	92.05
Si	65.6251	43.7524	43.2644	88.151	94
Si	41.2665	-18.3939	-76.1453	88.17897	98.78
Si	30.8231	18.8939	-81.337	88.19732	106.33
Si	36.2948	-68.1109	41.5338	88.20951	93.83
Si	-60.6534	-43.7524	-43.2644	88.21051	94.78
Si	61.1533	66.125	6.9223	88.23032	93.42
Si	-20.8798	-58.6675	60.5701	88.25273	97.48
Si	35.7948	-75.5684	-25.9586	88.25489	97.56
Si	-50.7099	-3.9787	-70.9536	88.25807	95.47
Si	-1.4929	-81.0401	-31.1504	88.26639	102.26
Si	13.4222	-56.1816	-65.7618	88.27954	96.67
Si	55.6816	-15.908	-67.4924	88.28613	96.8

Si	-31.3231	-71.0967	-38.0727	88.29307	93.65
Si	-18.8939	-70.5968	-46.7255	88.2939	95.43
Si	-65.6251	-3.9787	-57.109	88.29605	95.72
Si	-35.7948	-78.5542	-1.7306	88.3228	101.07
Si	-53.1958	-48.2241	-48.4561	88.37776	93.43
Si	-71.0967	-21.3797	-44.995	88.41353	97.49
Si	-70.5968	40.7666	32.8809	88.43356	93.06
Si	-48.724	-25.8515	-67.4924	88.45723	96.94
Si	-3.4788	46.2382	76.1453	88.45884	97.67
Si	3.9787	-73.5825	46.7255	88.46342	98.84
Si	48.2241	48.2241	58.8396	88.48561	93.73
Si	-81.0401	28.3373	-17.3058	88.4975	98.62
Si	28.3373	-41.2665	72.6842	88.49844	96.54
Si	-13.9222	-80.5401	29.4198	88.5018	103.4
Si	28.3373	-26.3514	-79.6064	88.50488	101.07
Si	78.0543	-21.3797	38.0727	88.51176	99.27
Si	33.309	-81.0401	-3.4611	88.52084	98.65
Si	-58.1675	-33.309	-55.3784	88.52854	94.72
Si	-33.309	61.1533	-55.3784	88.52854	96.49
Si	-0.993	80.5401	39.8032	88.53781	101.88
Si	-81.0401	-6.4646	31.1504	88.57405	100.51
Si	-68.6109	-25.8515	-46.7255	88.57497	95
Si	78.5542	25.8515	-36.3421	88.61454	95.61
Si	48.724	10.9363	74.4147	88.64261	97.34
Si	38.2807	48.2241	-65.7618	88.66661	93.61
Si	-23.3656	-63.1392	55.3784	88.66804	97.96
Si	-63.1392	-23.3656	-55.3784	88.66804	93.81
Si	-23.3656	-63.1392	-55.3784	88.66804	94.89
Si	70.5968	48.724	29.4198	88.72231	94.73
Si	68.6109	-43.7524	-36.3421	88.72824	96.09
Si	48.724	40.7666	-64.0313	88.73108	91.55
Si	-58.6675	-10.9363	64.0313	88.7342	91.62
Si	-55.6816	50.7099	46.7255	88.7385	94.83
Si	63.6392	55.6816	32.8809	88.76785	96.69
Si	30.8231	-75.5684	-32.8809	88.76863	95.53
Si	-23.3656	-48.2241	69.223	88.77809	93.81
Si	-8.4505	-53.1958	69.223	88.77809	95.01
Si	40.7666	-40.7666	-67.4924	88.78912	98.54
Si	46.2382	-43.2524	-62.3007	88.80124	97.31
Si	78.0543	3.4788	-44.995	88.82645	98.1
Si	-53.6957	28.8373	64.0313	88.84539	92.57
Si	-35.7948	45.7383	67.4924	88.90025	93.57
Si	68.1109	3.4788	-58.8396	88.90441	94.34
Si	-23.3656	-73.0826	41.5338	88.90729	99.59
Si	66.125	-43.2524	-41.5338	88.90729	96.38
Si	-63.1392	-43.2524	41.5338	88.90729	97.12
Si	-23.8655	48.724	70.9536	88.9283	93.44
Si	41.2665	81.0401	0	88.93647	97.21
Si	41.2665	-78.0543	0	88.93648	93.19
Si	58.1675	53.1958	-44.995	88.93675	93.54
Si	-0.993	-63.6392	60.5701	88.97811	91.14
Si	65.6251	53.6957	-32.8809	88.99003	96.92
Si	81.0401	-18.3939	-34.6115	89.00111	96.2
Si	-73.5825	-40.7666	22.4975	89.04112	98.51
Si	66.125	61.1533	13.8446	89.04125	93.11
Si	56.1816	-63.1392	-27.6892	89.0778	99.2
Si	51.2099	41.2665	-62.3007	89.07916	91.61
Si	-38.2807	-48.2241	62.3007	89.07916	95.53
Si	51.2099	-38.2807	-62.3007	89.07916	95.2
Si	71.0967	6.4646	55.3784	89.08521	94.88
Si	10.9363	-40.7666	77.8759	89.10494	97.06
Si	68.6109	-28.8373	-50.1867	89.12598	99.61

Si	41.2665	41.2665	69.223	89.19474	96.85
Si	50.7099	-20.8798	70.9536	89.2035	92.91
Si	-38.2807	81.0401	6.9223	89.20546	99.17
Si	33.809	-78.5542	-22.4975	89.20768	98.29
Si	75.5684	-35.7948	-32.8809	89.21165	97.06
Si	63.6392	0.993	-64.0313	89.23234	93.55
Si	-55.6816	-58.6675	32.8809	89.27123	97.84
Si	76.0684	-33.309	-34.6115	89.27841	98.06
Si	38.2807	-61.1533	-51.9173	89.29328	93.31
Si	-80.5401	-33.809	-1.7306	89.32322	98.7
Si	30.8231	-60.6534	57.109	89.35242	98.62
Si	31.3231	81.0401	27.6892	89.35485	99.07
Si	-58.6675	-60.6534	22.4975	89.37315	96.31
Si	28.3373	-66.125	-51.9173	89.37675	95.48
Si	73.5825	-28.8373	-43.2644	89.3792	97.89
Si	63.6392	-3.9787	-64.0313	89.39854	95.43
Si	26.3514	-38.2807	76.1453	89.43149	95.42
Si	-23.3656	-38.2807	76.1453	89.43149	99.94
Si	-35.7948	80.5401	19.0363	89.44957	99.23
Si	-38.7807	63.6392	50.1867	89.45847	96.16
Si	-43.2524	-33.309	69.223	89.47144	97.47
Si	-13.4222	-53.1958	-69.223	89.47144	97.46
Si	48.724	-13.9222	74.4147	89.47602	94.06
Si	28.8373	-23.8655	81.337	89.47891	99.47
Si	-23.8655	-25.8515	-81.337	89.47891	100.63
Si	-80.5401	-18.8939	-29.4198	89.50176	95.79
Si	-28.3373	16.408	83.0676	89.51272	100.89
Si	-75.5684	-43.7524	5.1917	89.51278	96.65
Si	-48.724	-45.7383	57.109	89.52071	96.38
Si	-51.2099	58.1675	44.995	89.52173	94.13
Si	8.9505	50.7099	74.4147	89.52924	97.03
Si	-38.7807	53.6957	-60.5701	89.53121	93.74
Si	-56.1816	53.1958	44.995	89.57725	95.06
Si	56.1816	-68.1109	-13.8446	89.59473	95.37
Si	-30.8231	-28.8373	-77.8759	89.60411	100
Si	-15.908	-78.5542	-36.3421	89.61633	98.37
Si	-45.7383	-33.809	67.4924	89.6227	95.24
Si	-33.809	48.724	-67.4924	89.6227	98.56
Si	-43.7524	53.6957	57.109	89.63094	96.52
Si	-30.8231	65.6251	53.6478	89.64011	95.63
Si	-58.6675	-25.8515	-60.5701	89.64219	94.69
Si	28.8373	-58.6675	60.5701	89.64219	100.34
Si	20.8798	-30.8231	-81.337	89.64311	96.39
Si	63.6392	60.6534	25.9586	89.64355	95.25
Si	70.5968	38.7807	43.2644	89.65225	94.14
Si	-66.125	3.4788	58.8396	89.6561	94.58
Si	-35.7948	-78.5542	-15.5752	89.66888	101.21
Si	-66.125	-26.3514	51.9173	89.68214	91.31
Si	-0.993	70.5968	-57.109	89.68254	98.78
Si	-38.7807	-35.7948	70.9536	89.70366	97.13
Si	-80.5401	-13.9222	32.8809	89.71176	101.85
Si	-76.0684	-1.4929	-44.995	89.71743	98.68
Si	18.3939	-36.2948	79.6064	89.72592	95.36
Si	48.2241	78.0543	3.4611	89.76321	93.29
Si	-25.8515	-33.809	-77.8759	89.76962	100.29
Si	-76.0684	43.2524	17.3058	89.7725	93.24
Si	56.1816	-43.2524	55.3784	89.77618	99.33
Si	58.1675	-21.3797	65.7618	89.77632	93.7
Si	-0.993	60.6534	67.4924	89.78511	96.76
Si	3.4788	-51.2099	72.6842	89.80264	94.33
Si	-71.0967	-41.2665	31.1504	89.82183	96.37
Si	-80.5401	5.9646	-36.3421	89.8341	98

Si	80.5401	-25.8515	-32.8809	89.874	98.58
Si	60.6534	68.6109	8.6529	89.88688	95.07
Si	51.2099	76.0684	-6.9223	89.89552	95.34
Si	51.2099	76.0684	6.9223	89.89552	92.95
Si	68.1109	53.1958	-31.1504	89.89712	94.97
Si	68.1109	53.1958	31.1504	89.89712	95.08
Si	53.1958	68.1109	31.1504	89.89712	94.17
Si	65.6251	43.7524	-46.7255	89.90032	91.12
Si	8.4505	-66.125	-58.8396	89.90373	97.77
Si	-68.1109	-48.2241	-27.6892	89.9064	96.03
Si	-48.2241	-68.1109	27.6892	89.9064	96.92
Si	6.4646	-63.1392	62.3007	89.90775	90.66
Si	-21.3797	-46.2382	72.6842	89.91329	92.18
Si	-16.408	-36.2948	79.6064	89.91963	98.58
Si	-1.4929	43.2524	-79.6064	89.94419	98.93
Si	38.7807	10.9363	81.337	89.9737	101.95
Si	63.1392	-56.1816	31.1504	89.9831	98.94
Si	-66.125	-6.4646	-58.8396	89.98664	94.14
Si	-78.0543	-38.2807	13.8446	90.00762	97.4
Si	-81.0401	-16.408	31.1504	90.01379	102.59
Si	-71.0967	13.4222	51.9173	90.03865	93.23
Si	80.5401	-40.7666	8.6529	90.0511	96.84
Si	-70.5968	-43.7524	-29.4198	90.05318	96.36
Si	35.7948	58.6675	-60.5701	90.07937	93.91
Si	-8.9505	38.7807	-81.337	90.08413	100.79
Si	-75.5684	25.8515	39.8032	90.08933	91
Si	78.5542	25.8515	39.8032	90.08933	94.55
Si	-33.809	-80.5401	-12.114	90.12431	100.86
Si	53.1958	-11.4363	72.6842	90.12957	94.2
Si	53.6957	-48.724	53.6478	90.13861	98.2
Si	43.2524	8.4505	-79.6064	90.16347	98.74
Si	-71.0967	-11.4363	-51.9173	90.17658	95
Si	-43.7524	78.5542	-12.114	90.17946	101.41
Si	78.5542	-43.7524	12.114	90.17946	96.55
Si	-63.1392	31.3231	-55.3784	90.18823	95.1
Si	-13.4222	-68.1109	-55.3784	90.18823	95.94
Si	26.3514	26.3514	83.0676	90.20042	103.17
Si	-75.5684	5.9646	46.7255	90.23149	94.4
Si	53.1958	-51.2099	-51.9173	90.25617	93.09
Si	-78.5542	13.9222	-39.8032	90.25702	99.01
Si	-80.5401	35.7948	-15.5752	90.26977	98.53
Si	-61.1533	-51.2099	-38.0727	90.28653	93.21
Si	-28.3373	51.2099	69.223	90.29643	93.98
Si	78.5542	40.7666	25.9586	90.3035	91.83
Si	63.6392	-58.6675	25.9586	90.30656	96.99
Si	11.4363	66.125	62.3007	90.31919	95.06
Si	75.5684	-10.9363	50.1867	90.3348	96.81
Si	-0.993	-73.5825	-50.1867	90.33939	99.08
Si	-33.809	-15.908	-81.337	90.35887	100.33
Si	-23.8655	78.5542	-39.8032	90.36481	100.78
Si	-58.1675	66.125	-20.7669	90.37663	97.72
Si	-63.1392	61.1533	20.7669	90.37663	91.51
Si	-41.2665	3.4788	-79.6064	90.38527	95.49
Si	15.908	63.6392	64.0313	90.38781	94.59
Si	-23.8655	63.6392	-60.5701	90.40989	92.62
Si	31.3231	76.0684	-41.5338	90.42347	94.69
Si	13.4222	-66.125	58.8396	90.42445	90.3
Si	38.2807	-81.0401	3.4611	90.42687	94.31
Si	-58.6675	-0.993	-67.4924	90.44708	93.47
Si	-40.7666	80.5401	12.114	90.44932	98.59
Si	-68.6109	3.9787	57.109	90.45524	96.23
Si	13.4222	-76.0684	-44.995	90.45778	97.24

Si	-18.8939	48.724	-74.4147	90.4652	94.35
Si	-26.3514	-31.3231	79.6064	90.4952	99.83
Si	35.7948	78.5542	-32.8809	90.53304	97.19
Si	75.5684	-35.7948	36.3421	90.54452	101.24
Si	-66.125	48.2241	38.0727	90.58428	95.35
Si	-16.408	78.0543	-44.995	90.59049	99.1
Si	41.2665	-58.1675	55.3784	90.5984	98.62
Si	-38.2807	-58.1675	55.3784	90.5984	98.34
Si	-55.6816	-58.6675	-36.3421	90.60322	91.51
Si	-58.6675	58.6675	36.3421	90.60322	94.05
Si	10.9363	78.5542	-46.7255	90.61404	96.28
Si	-33.309	36.2948	-76.1453	90.6667	97.36
Si	-61.1533	-46.2382	-44.995	90.70474	94
Si	28.8373	55.6816	67.4924	90.77093	94.28
Si	-36.2948	23.3656	79.6064	90.79379	97.16
Si	58.6675	65.6251	-29.4198	90.81512	91.18
Si	41.2665	31.3231	76.1453	90.93892	99.02
Si	51.2099	1.4929	-76.1453	90.93892	97.23
Si	1.4929	-48.2241	-76.1453	90.93892	93.74
Si	41.2665	-28.3373	-76.1453	90.93892	97.99
Si	-58.6675	68.6109	-12.114	90.94415	96.38
Si	81.0401	16.408	-41.5338	90.96853	97.41
Si	-13.4222	81.0401	-41.5338	90.96853	97.05
Si	81.0401	-13.4222	41.5338	90.96853	98.62
Si	61.1533	-53.1958	-41.5338	90.96853	91.59
Si	-53.1958	61.1533	41.5338	90.96853	94.23
Si	48.2241	73.0826	-31.1504	90.9903	95.57
Si	-50.7099	5.9646	74.4147	91.00926	93.33
Si	15.908	73.5825	-53.6478	91.00991	97.7
Si	-70.5968	15.908	53.6478	91.00991	91.74
Si	-71.0967	-16.408	-51.9173	91.02249	96.31
Si	-63.6392	53.6957	36.3421	91.03883	95.85
Si	58.6675	-28.8373	-64.0313	91.04313	94.42
Si	-53.6957	53.6957	50.1867	91.04739	93.73
Si	6.4646	51.2099	-76.1453	91.07472	97.22
Si	51.2099	-3.4788	76.1453	91.07472	95.42
Si	0.993	-45.7383	77.8759	91.08064	94.59
Si	73.0826	23.3656	-51.9173	91.0983	90.5
Si	-65.6251	-28.8373	53.6478	91.11984	90.84
Si	0.993	58.6675	70.9536	91.12403	96.89
Si	21.3797	-68.1109	-55.3784	91.14242	96.12
Si	48.2241	-76.0684	10.3835	91.14482	95.19
Si	-70.5968	-13.9222	53.6478	91.17363	95.87
Si	-30.8231	-78.5542	-29.4198	91.19976	101.23
Si	-66.125	-51.2099	31.1504	91.21464	101.15
Si	-73.5825	-20.8798	-46.7255	91.21476	97.83
Si	50.7099	-45.7383	-60.5701	91.22412	97.9
Si	5.9646	-55.6816	70.9536	91.23232	93.71
Si	-41.2665	63.1392	-51.9173	91.23614	94.68
Si	40.7666	-45.7383	-67.4924	91.26022	99.19
Si	15.908	-75.5684	-46.7255	91.26622	97.64
Si	-53.1958	56.1816	-48.4561	91.2672	93.12
Si	-53.1958	56.1816	48.4561	91.2672	94.64
Si	58.6675	-68.6109	12.114	91.27002	94.48
Si	46.2382	-73.0826	27.6892	91.27069	95.81
Si	46.2382	76.0684	-27.6892	91.2707	93.42
Si	-68.6109	13.9222	57.109	91.27134	93.51
Si	31.3231	61.1533	62.3007	91.27202	94.26
Si	-43.7524	28.8373	-74.4147	91.28197	93.8
Si	-55.6816	-3.9787	-70.9536	91.28679	93.69
Si	-13.4222	-33.309	83.0676	91.28997	99.05
Si	-60.6534	65.6251	19.0363	91.30975	91.81

Si	-38.2807	-78.0543	-20.7669	91.32887	102.67
Si	-66.125	-31.3231	-51.9173	91.34808	92.47
Si	-51.2099	18.3939	-72.6842	91.35762	95
Si	-51.2099	-71.0967	-17.3058	91.35822	94.33
Si	-73.5825	38.7807	36.3421	91.36436	92.36
Si	-25.8515	60.6534	-64.0313	91.36562	93.54
Si	70.5968	38.7807	-46.7255	91.37283	90.05
Si	73.0826	58.1675	-3.4611	91.37327	91.63
Si	73.0826	58.1675	3.4611	91.37327	97.22
Si	-43.2524	51.2099	-62.3007	91.40733	95.28
Si	25.8515	-65.6251	57.109	91.43081	95.73
Si	68.6109	25.8515	-57.109	91.43082	92.03
Si	-48.724	-15.908	-74.4147	91.44445	95.57
Si	43.7524	40.7666	-70.9536	91.44775	90.86
Si	56.1816	66.125	34.6115	91.46649	95.2
Si	50.7099	-35.7948	-67.4924	91.47634	96.09
Si	11.4363	-48.2241	76.1453	91.48092	97.52
Si	75.5684	3.9787	-53.6478	91.49566	93.52
Si	-38.2807	-43.2524	-69.223	91.51997	91.87
Si	-38.2807	46.2382	69.223	91.51997	95
Si	-38.2807	46.2382	-69.223	91.51997	99.17
Si	-43.2524	81.0401	6.9223	91.53042	98.37
Si	-58.1675	-48.2241	-48.4561	91.53763	93.32
Si	51.2099	-58.1675	-48.4561	91.53763	94.66
Si	38.7807	65.6251	53.6478	91.54997	95.44
Si	-35.7948	65.6251	53.6478	91.54997	97.62
Si	-66.125	63.1392	3.4611	91.56651	87.54
Si	48.724	10.9363	-77.8759	91.56752	97.64
Si	-40.7666	-43.7524	67.4924	91.58723	96.96
Si	-40.7666	55.6816	60.5701	91.60252	97.69
Si	43.7524	55.6816	60.5701	91.60252	94
Si	-61.1533	33.309	-58.8396	91.64553	94.13
Si	-53.1958	-23.3656	-69.223	91.65491	96.27
Si	66.125	66.125	-6.9223	91.66534	92.91
Si	-38.7807	-70.5968	-39.8032	91.66883	90.62
Si	33.809	75.5684	-43.2644	91.66962	96.14
Si	-33.309	71.0967	48.4561	91.67254	95.83
Si	48.724	-38.7807	67.4924	91.69497	94.91
Si	38.2807	28.3373	79.6064	91.71233	100.36
Si	-45.7383	-23.8655	74.4147	91.7136	97.87
Si	53.1958	-46.2382	58.8396	91.72535	99.07
Si	-43.7524	18.8939	77.8759	91.731	96
Si	-15.908	-43.7524	-77.8759	91.731	93.07
Si	18.8939	80.5401	-43.2644	91.77727	94.84
Si	80.5401	18.8939	43.2644	91.77727	94.54
Si	48.2241	-71.0967	-31.1504	91.77908	100.11
Si	53.1958	-36.2948	-65.7618	91.79173	94.54
Si	20.8798	-80.5401	36.3421	91.79334	99.85
Si	-31.3231	33.309	79.6064	91.7951	97.07
Si	-60.6534	-43.7524	-50.1867	91.80409	94.25
Si	48.724	55.6816	-57.109	91.80761	90.01
Si	43.7524	70.5968	-43.2644	91.83142	89.53
Si	63.6392	5.9646	67.4924	91.85521	98.47
Si	53.6957	-43.7524	60.5701	91.87497	98.76
Si	-38.7807	-40.7666	70.9536	91.88161	98.28
Si	58.1675	73.0826	10.3835	91.8962	92.93
Si	63.1392	-16.408	-65.7618	91.89847	96.72
Si	-38.7807	-50.7099	64.0313	91.90811	95.53
Si	-78.0543	21.3797	-41.5338	91.91463	97.12
Si	-8.4505	-58.1675	-69.223	91.9242	91.49
Si	18.3939	-41.2665	-79.6064	91.93039	96.25
Si	21.3797	-63.1392	62.3007	91.94656	93.53

Si	56.1816	-38.2807	-62.3007	91.94656	94.46
Si	65.6251	58.6675	-32.8809	91.99466	95.12
Si	-48.724	78.5542	1.7306	91.99559	98.32
Si	-61.1533	-31.3231	58.8396	91.99744	90.42
Si	51.2099	-73.0826	20.7669	92.00299	90.89
Si	-48.2241	-73.0826	20.7669	92.00299	95.89
Si	51.2099	76.0684	20.7669	92.00299	93.68
Si	-20.8798	55.6816	-70.9536	92.04003	93.78
Si	-33.309	-48.2241	-69.223	92.05855	91.41
Si	18.8939	-58.6675	67.4924	92.07219	94.79
Si	-76.0684	33.309	-38.0727	92.0736	93.6
Si	-68.6109	33.809	50.1867	92.0737	97.13
Si	73.5825	5.9646	-57.109	92.07795	93.86
Si	-15.908	-68.6109	-57.109	92.08021	93.06
Si	-80.5401	-33.809	-22.4975	92.09657	97.72
Si	-36.2948	28.3373	79.6064	92.11796	95.44
Si	-16.408	-41.2665	-79.6064	92.11946	94.32
Si	8.9505	80.5401	46.7255	92.12685	99.4
Si	80.5401	-5.9646	-46.7255	92.12685	97.15
Si	38.7807	-68.6109	46.7255	92.13136	95.21
Si	-18.8939	-70.5968	-53.6478	92.1446	95.36
Si	-31.3231	-31.3231	79.6064	92.14644	99.88
Si	13.9222	-63.6392	-64.0313	92.1774	95.13
Si	20.8798	78.5542	-46.7255	92.1823	94.15
Si	78.5542	20.8798	46.7255	92.1823	94.43
Si	63.1392	53.1958	44.995	92.18461	92.1
Si	-38.7807	-80.5401	-12.114	92.1853	99.93
Si	48.2241	-76.0684	17.3058	92.1903	92.28
Si	73.0826	38.2807	-44.995	92.21157	91.47
Si	15.908	-45.7383	77.8759	92.21296	97.89
Si	48.724	15.908	-77.8759	92.21296	98.61
Si	43.7524	-73.5825	32.8809	92.21355	95.61
Si	61.1533	66.125	-27.6892	92.21368	90.5
Si	53.6957	-68.6109	-29.4198	92.22363	97.88
Si	-68.6109	-50.7099	29.4198	92.22363	99.33
Si	-33.809	-75.5684	36.3421	92.22483	99.03
Si	63.6392	10.9363	67.4924	92.23103	99.16
Si	41.2665	6.4646	83.0676	92.23277	99.33
Si	50.7099	78.5542	-12.114	92.23622	96.17
Si	-8.9505	43.7524	-81.337	92.25311	98.6
Si	-65.6251	60.6534	-22.4975	92.25462	94.83
Si	68.6109	50.7099	39.8032	92.25744	93.76
Si	-68.1109	51.2099	-34.6115	92.27364	95.38
Si	-46.2382	-71.0967	-31.1504	92.29221	99.21
Si	81.0401	46.2382	13.8446	92.31236	93.47
Si	-8.9505	-60.6534	-67.4924	92.33876	92.51
Si	66.125	-43.2524	-48.4561	92.34416	94.17
Si	-48.2241	56.1816	-55.3784	92.35476	91.37
Si	-68.1109	26.3514	55.3784	92.35476	93.54
Si	-61.1533	18.3939	-65.7618	92.38404	97.16
Si	-35.7948	-53.6957	-64.0313	92.39138	89.93
Si	48.724	-53.6957	-57.109	92.40132	94.19
Si	-81.0401	-36.2948	-17.3058	92.40723	100.26
Si	45.7383	33.809	-74.4147	92.40958	91.33
Si	-13.9222	-55.6816	70.9536	92.41733	93.6
Si	73.0826	28.3373	-51.9173	92.41811	93.22
Si	48.2241	-31.3231	-72.6842	92.43203	97.1
Si	-63.1392	66.125	13.8446	92.44615	91.88
Si	60.6534	43.7524	57.109	92.45136	95.19
Si	58.1675	33.309	65.7618	92.46024	96.19
Si	20.8798	68.6109	-60.5701	92.46303	97.84
Si	-63.6392	53.6957	-39.8032	92.47496	95.76

Si	48.724	80.5401	-8.6529	92.48849	93.74
Si	-26.3514	-81.0401	31.1504	92.50592	100.06
Si	68.1109	53.1958	-38.0727	92.52391	95.61
Si	-16.408	-61.1533	-65.7618	92.57219	96.52
Si	-61.1533	-16.408	-65.7618	92.57219	93.28
Si	-43.2524	71.0967	-41.5338	92.58449	92.33
Si	-58.1675	-13.4222	-69.223	92.59399	94.69
Si	75.5684	-50.7099	-19.0363	92.59971	94.8
Si	-70.5968	30.8231	-50.1867	92.60607	92.44
Si	-38.2807	-8.4505	83.0676	92.63389	98.15
Si	-50.7099	70.5968	32.8809	92.63712	92.77
Si	70.5968	-50.7099	-32.8809	92.63712	95.32
Si	61.1533	-68.1109	13.8446	92.71313	95.61
Si	-73.0826	56.1816	6.9223	92.73768	97.47
Si	56.1816	76.0684	6.9223	92.73769	94
Si	76.0684	56.1816	6.9223	92.73769	95.33
Si	33.809	-48.724	-70.9536	92.73877	97.38
Si	56.1816	71.0967	-27.6892	92.74823	90.79
Si	63.1392	-51.2099	-44.995	92.74911	94.08
Si	-33.809	-25.8515	-81.337	92.78817	99.01
Si	33.809	80.5401	-36.3421	92.80917	96.04
Si	63.1392	38.2807	58.8396	92.8208	95.68
Si	-6.4646	78.0543	-51.9173	92.84596	97.2
Si	65.6251	68.6109	1.7306	92.84798	93.12
Si	30.8231	68.6109	57.109	92.87905	91.5
Si	-73.0826	1.4929	55.3784	92.88849	95.98
Si	30.8231	-45.7383	-74.4147	92.89024	97.5
Si	35.7948	38.7807	77.8759	92.90668	96.49
Si	35.7948	-35.7948	77.8759	92.90668	95.64
Si	-53.6957	-65.6251	-32.8809	92.90727	94.34
Si	60.6534	58.6675	43.2644	92.95533	90.48
Si	-65.6251	65.6251	5.1917	92.97691	88.04
Si	-38.7807	-65.6251	50.1867	92.98107	97.96
Si	-33.309	61.1533	62.3007	93.01566	93.85
Si	78.5542	15.908	-50.1867	93.08571	96.22
Si	-75.5684	15.908	-50.1867	93.08571	97.26
Si	-48.2241	21.3797	76.1453	93.08798	94.23
Si	-48.2241	-18.3939	76.1453	93.08798	97.75
Si	-60.6534	40.7666	-57.109	93.09141	94.44
Si	-58.6675	-40.7666	57.109	93.09438	93.23
Si	-43.7524	3.9787	-81.337	93.10759	95.65
Si	30.8231	78.5542	43.2644	93.11563	94.78
Si	-53.1958	31.3231	-69.223	93.12636	91.1
Si	56.1816	31.3231	-69.223	93.12636	89.95
Si	38.7807	-58.6675	60.5701	93.15785	97.4
Si	-46.2382	-6.4646	79.6064	93.1599	96.18
Si	63.6392	60.6534	-36.3421	93.18188	91.66
Si	-60.6534	60.6534	-36.3421	93.18188	94.2
Si	31.3231	-43.2524	76.1453	93.22065	95.31
Si	-66.125	-36.2948	-51.9173	93.24962	95.43
Si	-78.5542	-40.7666	22.4975	93.27134	99.4
Si	-78.0543	-3.4788	48.4561	93.27631	96.17
Si	6.4646	-78.0543	-48.4561	93.27631	98.35
Si	-78.5542	-45.7383	8.6529	93.34452	94.83
Si	-80.5401	-38.7807	19.0363	93.34753	98.97
Si	-30.8231	75.5684	46.7255	93.35303	96.23
Si	25.8515	-75.5684	-46.7255	93.35451	100.62
Si	-23.8655	-70.5968	-53.6478	93.37055	94.88
Si	70.5968	58.6675	-25.9586	93.37089	95.95
Si	78.5542	50.7099	19.0363	93.39781	91.18
Si	78.0543	-11.4363	-51.9173	93.4035	96.2
Si	1.4929	71.0967	62.3007	93.41342	94.65

Si	11.4363	76.0684	-55.3784	93.41919	100.51
Si	73.0826	13.4222	-58.8396	93.43172	96.45
Si	-43.7524	-65.6251	-46.7255	93.46243	90.37
Si	45.7383	73.5825	-39.8032	93.4819	89.82
Si	38.2807	-61.1533	-58.8396	93.48787	93.44
Si	-71.0967	-1.4929	-58.8396	93.48935	93.71
Si	-28.8373	-55.6816	-67.4924	93.50975	91.3
Si	-18.3939	-58.1675	-69.223	93.52364	97.87
Si	18.8939	70.5968	60.5701	93.52474	94.83
Si	-53.6957	-70.5968	22.4975	93.53525	95.82
Si	-63.6392	-65.6251	1.7306	93.54142	90.22
Si	46.2382	-73.0826	34.6115	93.60344	93.17
Si	68.6109	65.6251	12.114	93.61892	93.42
Si	25.8515	68.6109	-60.5701	93.63173	97.69
Si	80.5401	3.9787	50.1867	93.66616	95.2
Si	81.0401	11.4363	-48.4561	93.67295	96.1
Si	41.2665	-68.1109	-48.4561	93.67295	94.63
Si	43.7524	65.6251	53.6478	93.68502	94.44
Si	-63.6392	-60.6534	-25.9586	93.692	90.69
Si	-46.2382	-11.4363	79.6064	93.71558	96.7
Si	-15.908	50.7099	-77.8759	93.75373	95.68
Si	20.8798	-60.6534	-67.4924	93.77224	91.09
Si	-76.0684	53.1958	10.3835	93.79106	95.3
Si	-51.2099	-66.125	38.0727	93.80454	98.22
Si	-56.1816	-51.2099	-51.9173	93.80477	92.99
Si	76.0684	31.3231	-48.4561	93.8048	92.48
Si	51.2099	-78.0543	0	93.80586	91.12
Si	71.0967	31.3231	55.3784	93.81523	92.1
Si	50.7099	63.6392	50.1867	93.82524	93.12
Si	-51.2099	-76.0684	-3.4611	93.83668	93.76
Si	13.9222	-58.6675	-70.9536	93.85182	94.72
Si	-66.125	-26.3514	58.8396	93.85935	91.32
Si	58.1675	-16.408	-72.6842	93.89057	96.91
Si	-26.3514	-76.0684	44.995	93.89147	99.75
Si	70.5968	53.6957	36.3421	93.92139	93.51
Si	13.9222	65.6251	67.4924	93.92894	97.25
Si	-8.4505	-68.1109	62.3007	93.94114	93.68
Si	-41.2665	53.1958	-65.7618	93.94774	93.31
Si	-36.2948	-81.0401	-24.2281	93.95001	101.1
Si	63.6392	-18.8939	67.4924	93.98406	93.45
Si	-70.5968	20.8798	-57.109	93.99044	96.09
Si	61.1533	-68.1109	-20.7669	93.99636	94.2
Si	-51.2099	-26.3514	-72.6842	93.99934	95.05
Si	-68.6109	33.809	-53.6478	94.00507	93.17
Si	80.5401	48.724	-19.0363	94.02995	95.2
Si	-31.3231	-36.2948	-79.6064	94.03184	98.2
Si	61.1533	61.1533	-41.5338	94.04139	92.67
Si	-38.2807	-48.2241	-69.223	94.05075	91.44
Si	41.2665	-48.2241	-69.223	94.05075	102.43
Si	78.5542	-43.7524	-29.4198	94.08033	96.71
Si	-60.6534	-68.6109	-8.6529	94.08276	91.22
Si	-81.0401	43.2524	17.3058	94.10123	92.53
Si	58.6675	-68.6109	25.9586	94.11332	94.3
Si	-31.3231	-81.0401	-31.1504	94.12189	98.76
Si	68.6109	65.6251	-15.5752	94.12937	93.28
Si	53.6957	-58.6675	-50.1867	94.14408	90.17
Si	-73.5825	33.809	-46.7255	94.14842	91.31
Si	43.7524	40.7666	74.4147	94.15855	98.68
Si	-78.5542	43.7524	-25.9586	94.16612	95.07
Si	-51.2099	73.0826	31.1504	94.19668	94.52
Si	-66.125	-46.2382	-44.995	94.20713	91.63
Si	-66.125	-46.2382	44.995	94.20713	97.85

Si	-76.0684	-11.4363	51.9173	94.22485	94.69
Si	-11.4363	-76.0684	51.9173	94.22485	96.31
Si	48.724	-78.5542	-15.5752	94.2386	92.47
Si	78.5542	-38.7807	-36.3421	94.23989	94.42
Si	-35.7948	55.6816	67.4924	94.24449	94.26
Si	8.4505	-81.0401	44.995	94.25842	101.23
Si	-15.908	-53.6957	74.4147	94.26628	93.26
Si	-53.6957	-15.908	-74.4147	94.26628	96.02
Si	-50.7099	75.5684	25.9586	94.26651	95.67
Si	73.5825	35.7948	-50.1867	94.29869	90.8
Si	18.3939	-56.1816	-72.6842	94.31319	92.9
Si	10.9363	-55.6816	-74.4147	94.31681	93.89
Si	-53.1958	61.1533	-48.4561	94.33033	92.12
Si	-58.1675	-53.1958	-48.4561	94.33033	92.62
Si	55.6816	78.5542	-5.1917	94.34949	94.7
Si	-73.5825	-25.8515	50.1867	94.35432	93.64
Si	10.9363	78.5542	-53.6478	94.37012	99.13
Si	43.7524	-63.6392	53.6478	94.37231	98.81
Si	-40.7666	-63.6392	53.6478	94.37231	98.53
Si	53.1958	-71.0967	-31.1504	94.40754	99.51
Si	73.0826	58.1675	24.2281	94.46742	90.75
Si	63.6392	-3.9787	-70.9536	94.48019	93.22
Si	-51.2099	-41.2665	-65.7618	94.50171	92.71
Si	-40.7666	-53.6957	-64.0313	94.50742	89.34
Si	73.5825	50.7099	-36.3421	94.55148	98.71
Si	-41.2665	-26.3514	79.6064	94.55611	97.3
Si	-20.8798	70.5968	60.5701	94.576	95.16
Si	-73.5825	48.724	-32.8809	94.59524	96.59
Si	78.5542	55.6816	-8.6529	94.60309	92.88
Si	60.6534	58.6675	-46.7255	94.61587	93.04
Si	73.5825	10.9363	60.5701	94.63	93.31
Si	-31.3231	78.0543	44.995	94.67357	97.56
Si	18.8939	-43.7524	81.337	94.68705	96.38
Si	-8.9505	-70.5968	-60.5701	94.73502	95.61
Si	-31.3231	68.1109	-58.8396	94.74672	96.26
Si	13.4222	-81.0401	-44.995	94.75521	96.65
Si	55.6816	-60.6534	-46.7255	94.77263	91.56
Si	56.1816	-73.0826	20.7669	94.78198	93.46
Si	80.5401	48.724	22.4975	94.79127	91.12
Si	35.7948	-80.5401	-32.8809	94.80084	97
Si	68.6109	-63.6392	-15.5752	94.81345	91.43
Si	-58.6675	-65.6251	29.4198	94.81356	97.02
Si	48.724	-63.6392	-50.1867	94.8244	93.56
Si	-53.1958	-33.309	69.223	94.83591	92.06
Si	-48.2241	-63.1392	-48.4561	94.85295	91.14
Si	70.5968	63.6392	-19.0363	94.86771	94.24
Si	35.7948	58.6675	-67.4924	94.87244	93.66
Si	11.4363	46.2382	83.0676	94.87486	95.64
Si	-56.1816	38.2807	-65.7618	94.89105	90.67
Si	-38.7807	-65.6251	-53.6478	94.89398	90.61
Si	16.408	-53.1958	76.1453	94.9285	96.9
Si	36.2948	-43.2524	76.1453	94.9285	95.35
Si	36.2948	46.2382	-76.1453	94.9285	91.01
Si	55.6816	-30.8231	70.9536	94.94819	94.29
Si	-38.2807	61.1533	-62.3007	94.98779	95.36
Si	61.1533	41.2665	-62.3007	94.98779	90.42
Si	76.0684	-18.3939	-55.3784	94.99347	93.65
Si	-75.5684	15.908	53.6478	94.99651	91.37
Si	-38.7807	-80.5401	-25.9586	95.00121	100.71
Si	-50.7099	-13.9222	-77.8759	95.0127	95.31
Si	-10.9363	70.5968	-64.0313	95.02544	98.82
Si	-31.3231	53.1958	-72.6842	95.04244	95.62

Si	56.1816	-68.1109	34.6115	95.04472	90.98
Si	30.8231	-65.6251	-60.5701	95.04643	92.36
Si	-71.0967	43.2524	44.995	95.06656	95.01
Si	75.5684	48.724	36.3421	95.07216	92.18
Si	60.6534	3.9787	-74.4147	95.09832	94.06
Si	38.2807	38.2807	-79.6064	95.09927	91.57
Si	-13.9222	-55.6816	-74.4147	95.1005	95.25
Si	50.7099	-0.993	-81.337	95.10104	96.09
Si	50.7099	3.9787	-81.337	95.10104	96.09
Si	-48.724	58.6675	57.109	95.14256	94.93
Si	78.5542	-33.809	-43.2644	95.16553	96.25
Si	-75.5684	-33.809	-43.2644	95.16553	94.99
Si	38.7807	75.5684	46.7255	95.18843	92.71
Si	-61.1533	73.0826	-3.4611	95.1925	93.02
Si	-75.5684	40.7666	39.8032	95.21117	93.59
Si	33.809	45.7383	-77.8759	95.21885	92.98
Si	-68.6109	8.9505	64.0313	95.23737	94.88
Si	-55.6816	-58.6675	46.7255	95.24427	95.38
Si	-38.7807	-35.7948	77.8759	95.27322	96.73
Si	-78.5542	-10.9363	50.1867	95.29289	97.32
Si	28.8373	-63.6392	-64.0313	95.34097	93.94
Si	-53.6957	-60.6534	-46.7255	95.34788	90.65
Si	23.8655	-78.5542	46.7255	95.3486	95.64
Si	-51.2099	-76.0684	17.3058	95.35634	94.95
Si	-5.9646	60.6534	74.4147	95.35788	92.79
Si	-55.6816	-63.6392	39.8032	95.36986	97.57
Si	-41.2665	-66.125	51.9173	95.37268	97.4
Si	46.2382	-78.0543	27.6892	95.37606	95.84
Si	43.7524	-33.809	-77.8759	95.37679	99.06
Si	68.1109	58.1675	-38.0727	95.39127	93.99
Si	60.6534	-30.8231	-67.4924	95.39137	93.01
Si	26.3514	-38.2807	83.0676	95.3945	94.69
Si	-81.0401	48.2241	10.3835	95.41131	93.2
Si	73.0826	-21.3797	-58.8396	95.44807	94.13
Si	-41.2665	-71.0967	-44.995	95.51001	90.06
Si	36.2948	71.0967	55.3784	95.51245	93.63
Si	-43.2524	-13.4222	83.0676	95.52397	96.25
Si	-78.5542	53.6957	1.7306	95.58074	95.4
Si	53.1958	68.1109	44.995	95.58082	93.58
Si	-46.2382	-21.3797	79.6064	95.59603	96.49
Si	-80.5401	-43.7524	19.0363	95.59778	99.45
Si	43.2524	-81.0401	24.2281	95.61668	95.96
Si	-78.5542	-45.7383	22.4975	95.62669	98.63
Si	13.4222	53.1958	-79.6064	95.66967	95
Si	8.9505	-53.6957	-77.8759	95.73951	94.97
Si	-60.6534	-43.7524	-57.109	95.7639	92.96
Si	38.2807	73.0826	51.9173	95.7801	92.4
Si	-61.1533	63.1392	38.0727	95.78277	96.5
Si	70.5968	-15.908	64.0313	95.80261	92.98
Si	53.1958	48.2241	65.7618	95.82075	88.57
Si	-5.9646	80.5401	53.6478	95.82365	96.56
Si	-35.7948	-68.6109	53.6478	95.82798	97.56
Si	20.8798	78.5542	-53.6478	95.87695	95.94
Si	-68.1109	46.2382	-48.4561	95.88965	94.07
Si	78.0543	-56.1816	3.4611	95.91651	91.89
Si	50.7099	73.5825	-39.8032	95.93504	90.65
Si	-61.1533	-71.0967	-3.4611	95.94674	92.15
Si	-78.5542	-50.7099	8.6529	95.95601	95.57
Si	-36.2948	-81.0401	-31.1504	95.96849	99.3
Si	-73.5825	38.7807	-46.7255	95.96861	91.7
Si	-41.2665	-61.1533	-58.8396	95.99482	90.1
Si	80.5401	53.6957	15.5752	96.001	92.3

Si	5.9646	-75.5684	57.109	96.02022	88.94
Si	73.0826	63.1392	17.3058	96.04603	93.18
Si	78.0543	-51.2099	-24.2281	96.05328	94.4
Si	-81.0401	-41.2665	24.2281	96.05759	99.33
Si	-75.5684	-3.9787	-57.109	96.07198	93.81
Si	51.2099	76.0684	34.6115	96.07936	93.57
Si	-75.5684	-18.8939	53.6478	96.08413	94.88
Si	68.1109	-51.2099	44.995	96.12538	91.91
Si	-51.2099	68.1109	-44.995	96.12538	92.07
Si	61.1533	-28.3373	69.223	96.13027	93.82
Si	-43.2524	66.125	-55.3784	96.15725	94.57
Si	-66.125	-66.125	-10.3835	96.18824	91.37
Si	-73.5825	-25.8515	-53.6478	96.23994	94.99
Si	-76.0684	-46.2382	31.1504	96.25154	97.37
Si	80.5401	-20.8798	50.1867	96.26892	102.4
Si	-33.309	66.125	62.3007	96.2801	93.09
Si	-33.309	-63.1392	62.3007	96.2801	100.83
Si	-26.3514	58.1675	-72.6842	96.2824	93.68
Si	20.8798	63.6392	70.9536	96.29339	95.4
Si	-40.7666	-63.6392	-57.109	96.38195	90.35
Si	81.0401	-23.3656	48.4561	96.40382	101.95
Si	-41.2665	48.2241	72.6842	96.4114	93.73
Si	-65.6251	-13.9222	67.4924	96.42443	93.08
Si	-13.9222	68.6109	-67.4924	96.42443	99.02
Si	-71.0967	-61.1533	10.3835	96.44487	92.3
Si	-61.1533	-71.0967	10.3835	96.44487	92.22
Si	65.6251	-10.9363	70.9536	96.44599	92.11
Si	73.5825	-48.724	39.8032	96.45183	91.64
Si	75.5684	13.9222	-60.5701	96.49049	95.12
Si	48.2241	68.1109	-51.9173	96.52546	94.44
Si	63.6392	55.6816	-50.1867	96.52605	92.36
Si	-40.7666	-28.8373	81.337	96.54786	99.48
Si	-80.5401	-48.724	-8.6529	96.5714	94.43
Si	-61.1533	68.1109	-31.1504	96.60667	94.39
Si	45.7383	-70.5968	-46.7255	96.63252	94.88
Si	-25.8515	-78.5542	46.7255	96.63609	100.47
Si	-5.9646	-78.5542	53.6478	96.65014	96.05
Si	-66.125	63.1392	31.1504	96.65811	93.68
Si	-53.6957	-75.5684	-19.0363	96.67792	93.88
Si	-63.6392	48.724	-53.6478	96.70085	91.03
Si	70.5968	68.6109	8.6529	96.72144	91.05
Si	50.7099	58.6675	-60.5701	96.74703	91.57
Si	45.7383	-80.5401	-25.9586	96.75186	94.01
Si	-43.7524	-40.7666	-74.4147	96.80158	91.58
Si	-51.2099	-66.125	-44.995	96.82103	88.84
Si	23.3656	-66.125	-65.7618	96.8257	90.01
Si	70.5968	-20.8798	64.0313	96.82914	91.82
Si	-51.2099	-76.0684	24.2281	96.85216	95.76
Si	-3.4788	-58.1675	76.1453	96.86169	93.57
Si	6.4646	-58.1675	76.1453	96.86169	94.11
Si	-55.6816	-63.6392	-43.2644	96.86547	89.13
Si	-53.6957	43.7524	-67.4924	96.88589	92.08
Si	-6.4646	78.0543	58.8396	96.88686	95.43
Si	-38.7807	-45.7383	-74.4147	96.90352	92.67
Si	-46.2382	-26.3514	79.6064	96.90588	97.34
Si	-76.0684	38.2807	44.995	96.92082	94.74
Si	-55.6816	-43.7524	-64.0313	97.03641	93.01
Si	81.0401	6.4646	-55.3784	97.05278	95.52
Si	-33.809	-65.6251	-60.5701	97.05555	91.67
Si	73.0826	-56.1816	-31.1504	97.06584	96.23
Si	68.6109	-68.6109	-1.7306	97.0688	94.41
Si	75.5684	-60.6534	8.6529	97.0784	93.18

Si	-63.6392	63.6392	36.3421	97.08289	95.72
Si	-63.6392	-60.6534	36.3421	97.08289	97.08
Si	-78.5542	23.8655	50.1867	97.09162	92.97
Si	10.9363	53.6957	-81.337	97.10833	94.97
Si	13.9222	-63.6392	-70.9536	97.11375	93.45
Si	-23.8655	53.6957	77.8759	97.12281	94.28
Si	-45.7383	25.8515	81.337	97.15879	95.16
Si	60.6534	-75.5684	1.7306	97.16689	95.87
Si	-73.0826	1.4929	62.3007	97.1745	93.58
Si	46.2382	-58.1675	-62.3007	97.1745	94.04
Si	46.2382	-58.1675	62.3007	97.1745	98.03
Si	1.4929	76.0684	-62.3007	97.1745	97.93
Si	58.6675	-38.7807	67.4924	97.19113	96.03
Si	-8.9505	53.6957	-81.337	97.21066	93.43
Si	-71.0967	58.1675	-31.1504	97.21936	94.35
Si	71.0967	66.125	-20.7669	97.22788	95.96
Si	-63.1392	-68.1109	20.7669	97.22788	93.97
Si	73.0826	3.4788	-65.7618	97.22988	91.47
Si	-23.8655	78.5542	-53.6478	97.26043	97.01
Si	-58.6675	-15.908	-74.4147	97.26054	95.07
Si	-68.6109	3.9787	-67.4924	97.34446	92.61
Si	-41.2665	-56.1816	-65.7618	97.36188	88.51
Si	78.5542	45.7383	39.8032	97.36734	90.81
Si	28.3373	68.1109	-65.7618	97.38173	97.41
Si	65.6251	-65.6251	29.4198	97.38211	94.1
Si	-56.1816	78.0543	17.3058	97.40373	97
Si	70.5968	-30.8231	-60.5701	97.40848	92.74
Si	70.5968	33.809	-60.5701	97.40848	91.34
Si	-53.6957	-75.5684	22.4975	97.41856	94.57
Si	41.2665	-68.1109	-55.3784	97.43406	95.85
Si	-8.4505	-78.0543	-55.3784	97.43407	94.99
Si	-8.4505	-78.0543	55.3784	97.43407	97
Si	-78.5542	48.724	29.4198	97.4877	90.82
Si	48.724	-78.5542	-29.4198	97.4877	96.44
Si	-26.3514	-71.0967	-58.8396	97.50204	93.73
Si	-36.2948	43.2524	79.6064	97.51386	93.81
Si	-50.7099	-68.6109	-43.2644	97.52682	89.61
Si	73.0826	-6.4646	-65.7618	97.53475	93.33
Si	60.6534	-75.5684	8.6529	97.53606	95.54
Si	50.7099	-80.5401	-19.0363	97.54036	91.93
Si	80.5401	58.6675	1.7306	97.5725	94.55
Si	-28.8373	-65.6251	64.0313	97.59478	98.44
Si	-45.7383	70.5968	-50.1867	97.59522	92.12
Si	-73.5825	-60.6534	-5.1917	97.59833	94.48
Si	-73.5825	63.6392	-5.1917	97.59833	93.2
Si	43.2524	-81.0401	-31.1504	97.6007	95.46
Si	58.1675	-76.0684	-17.3058	97.60766	95.62
Si	-48.724	-75.5684	-32.8809	97.67983	98.95
Si	11.4363	-73.0826	62.3007	97.6819	88.47
Si	40.7666	38.7807	-81.337	97.71646	94.07
Si	15.908	-50.7099	-81.337	97.71717	96.82
Si	-33.809	58.6675	70.9536	97.72185	93.68
Si	-63.1392	-63.1392	-34.6115	97.73726	91.78
Si	28.3373	-81.0401	-44.995	97.75921	100.07
Si	5.9646	-65.6251	70.9536	97.7713	90.69
Si	-45.7383	80.5401	32.8809	97.77732	95.18
Si	-53.1958	-68.1109	-41.5338	97.77832	90.91
Si	-58.1675	36.2948	-69.223	97.78732	91.17
Si	61.1533	36.2948	-69.223	97.78732	91.57
Si	-53.6957	-70.5968	36.3421	97.79291	99.62
Si	-78.0543	-28.3373	-48.4561	97.80385	94.61
Si	-68.6109	68.6109	-12.114	97.80648	93.89

Si	-61.1533	48.2241	-58.8396	97.82865	91.37
Si	-71.0967	-46.2382	44.995	97.83687	97.96
Si	-13.4222	61.1533	-76.1453	97.87712	92.5
Si	66.125	-23.3656	69.223	97.91362	93.21
Si	-51.2099	23.3656	-79.6064	97.94482	93.69
Si	-60.6534	35.7948	67.4924	97.949	88.6
Si	51.2099	-13.4222	83.0676	97.95135	93.95
Si	61.1533	71.0967	-34.6115	97.98984	89.76
Si	43.7524	-73.5825	46.7255	98.00744	94.01
Si	0.993	-75.5684	-60.5701	98.01756	98.89
Si	78.5542	0.993	60.5701	98.01756	90.91
Si	78.0543	18.3939	-58.8396	98.02748	94.15
Si	-51.2099	78.0543	-31.1504	98.02846	95.84
Si	-53.6957	23.8655	77.8759	98.03557	93.14
Si	61.1533	-53.1958	55.3784	98.06623	95.9
Si	28.3373	-66.125	65.7618	98.06846	94.72
Si	33.809	45.7383	81.337	98.06982	94.1
Si	-56.1816	33.309	-72.6842	98.08974	91.68
Si	-65.6251	55.6816	46.7255	98.10461	96.05
Si	-38.7807	-35.7948	-81.337	98.12261	97.57
Si	41.2665	81.0401	41.5338	98.15678	93.78
Si	-78.5542	33.809	-46.7255	98.15879	93.49
Si	66.125	-38.2807	62.3007	98.18668	90.16
Si	66.125	-38.2807	-62.3007	98.18668	93.58
Si	-71.0967	8.4505	65.7618	98.19511	92.75
Si	70.5968	-65.6251	-19.0363	98.19646	92.86
Si	-65.6251	-8.9505	-70.9536	98.22573	93.89
Si	68.6109	-8.9505	-70.9536	98.22573	91.77
Si	3.9787	65.6251	74.4147	98.26833	92.95
Si	-6.4646	-71.0967	-65.7618	98.27102	95.92
Si	-68.1109	-3.4788	-69.223	98.29156	95.89
Si	3.4788	-56.1816	79.6064	98.32334	94.73
Si	-53.6957	3.9787	-81.337	98.32435	93.07
Si	55.6816	-80.5401	1.7306	98.33024	92.36
Si	-61.1533	-36.2948	65.7618	98.37214	90.56
Si	-31.3231	-56.1816	-72.6842	98.41861	92.57
Si	43.2524	53.1958	-72.6842	98.48874	89.87
Si	78.5542	-33.809	-50.1867	98.50571	96.47
Si	65.6251	8.9505	-74.4147	98.51954	91.97
Si	60.6534	-10.9363	77.8759	98.58548	94.02
Si	55.6816	48.724	-67.4924	98.60238	91.51
Si	45.7383	48.724	-74.4147	98.62041	92.35
Si	-48.2241	51.2099	-69.223	98.66805	92.89
Si	-71.0967	13.4222	65.7618	98.67208	94
Si	-73.0826	66.125	0	98.68543	92.7
Si	-71.0967	33.309	58.8396	98.70971	92.47
Si	33.309	-71.0967	-58.8396	98.70971	92.26
Si	-71.0967	33.309	-58.8396	98.70971	94.3
Si	-46.2382	48.2241	72.6842	98.71701	92.08
Si	-53.1958	81.0401	-20.7669	98.74146	94.52
Si	56.1816	-78.0543	20.7669	98.74146	93.16
Si	-78.0543	-53.1958	-20.7669	98.74146	93.91
Si	76.0684	-53.1958	-34.6115	98.74369	96.19
Si	-53.1958	76.0684	-34.6115	98.74369	95.3
Si	75.5684	-35.7948	-53.6478	98.7707	95.89
Si	-71.0967	-11.4363	-65.7618	98.79795	93.39
Si	-51.2099	-76.0684	-31.1504	98.81137	99.25
Si	-18.3939	-48.2241	83.0676	98.83062	93.77
Si	18.8939	-68.6109	67.4924	98.85624	91.02
Si	-80.5401	30.8231	46.7255	98.85828	90.59
Si	-51.2099	53.1958	-65.7618	98.8706	92.41
Si	-63.6392	-20.8798	70.9536	98.87937	93.59

Si	-80.5401	35.7948	-43.2644	98.88302	94.74
Si	58.6675	45.7383	67.4924	98.90302	88.02
Si	-6.4646	68.1109	72.6842	98.91545	92.7
Si	-53.6957	-60.6534	-53.6478	98.92438	87.68
Si	73.0826	58.1675	-38.0727	98.92736	93.62
Si	66.125	-68.1109	-27.6892	98.9378	94.94
Si	66.125	-68.1109	27.6892	98.9378	93.17
Si	-5.9646	-73.5825	-64.0313	98.95424	97.58
Si	78.5542	25.8515	-57.109	98.96073	94.2
Si	75.5684	-50.7099	-39.8032	98.97788	95.39
Si	-58.6675	78.5542	15.5752	98.99649	99.45
Si	78.5542	60.6534	19.0363	98.99895	90.3
Si	53.6957	-48.724	67.4924	99.00559	95.97
Si	43.7524	45.7383	-77.8759	99.03617	93.78
Si	-71.0967	68.1109	10.3835	99.0708	91.62
Si	-10.9363	-53.6957	81.337	99.07565	92.73
Si	-70.5968	65.6251	-22.4975	99.07567	94.52
Si	80.5401	38.7807	-46.7255	99.1066	93.35
Si	-11.4363	-56.1816	79.6064	99.14988	92.34
Si	48.724	-53.6957	67.4924	99.15541	95.03
Si	-53.6957	-45.7383	-67.4924	99.15541	94.43
Si	58.1675	-61.1533	-51.9173	99.15623	91.31
Si	76.0684	21.3797	62.3007	99.18855	92.4
Si	-58.6675	-10.9363	77.8759	99.18874	92.61
Si	-73.0826	36.2948	-55.3784	99.19398	93.56
Si	36.2948	76.0684	55.3784	99.19398	90.72
Si	73.5825	10.9363	67.4924	99.20344	93.54
Si	78.0543	-21.3797	-58.8396	99.23154	94.87
Si	33.309	-81.0401	-44.995	99.23964	99.5
Si	-63.1392	31.3231	-69.223	99.29236	91.73
Si	-63.1392	31.3231	69.223	99.29236	88.17
Si	31.3231	-63.1392	-69.223	99.29236	93.88
Si	-8.9505	73.5825	-67.4924	99.30362	100.06
Si	-8.9505	-70.5968	-67.4924	99.30362	95.42
Si	53.6957	-53.6957	-64.0313	99.35255	95.46
Si	-43.7524	-55.6816	-67.4924	99.35436	91.48
Si	55.6816	-55.6816	-60.5701	99.36846	93.86
Si	60.6534	-65.6251	43.2644	99.381	92.55
Si	-60.6534	60.6534	-50.1867	99.4023	90.17
Si	0.993	-55.6816	-81.337	99.42278	94.14
Si	68.1109	-11.4363	-72.6842	99.43897	93.11
Si	1.4929	-53.1958	83.0676	99.45391	94.18
Si	73.0826	63.1392	31.1504	99.47711	92.41
Si	73.5825	-58.6675	32.8809	99.48538	93.93
Si	-48.724	-70.5968	-46.7255	99.50847	87.79
Si	-25.8515	-58.6675	74.4147	99.52152	93.03
Si	5.9646	58.6675	-81.337	99.52204	94.56
Si	80.5401	43.7524	43.2644	99.52957	92.78
Si	-40.7666	80.5401	-43.2644	99.52957	90.33
Si	-51.2099	68.1109	51.9173	99.55372	94.16
Si	-58.1675	-48.2241	-62.3007	99.56164	92.62
Si	-68.1109	-43.2524	-55.3784	99.56705	92.48
Si	46.2382	-68.1109	-55.3784	99.56705	97.33
Si	58.6675	-3.9787	81.337	99.57198	94.84
Si	45.7383	-60.6534	64.0313	99.59825	96.63
Si	-75.5684	-58.6675	19.0363	99.59971	92.95
Si	-76.0684	63.1392	10.3835	99.61847	93.15
Si	-38.7807	-55.6816	70.9536	99.62579	96.04
Si	68.6109	-68.6109	-22.4975	99.62677	92.57
Si	-73.0826	66.125	-13.8446	99.65183	93.48
Si	76.0684	-63.1392	-13.8446	99.65183	90.09
Si	-63.1392	76.0684	-13.8446	99.65183	94.54

Si	61.1533	41.2665	-69.223	99.66507	89.99
Si	41.2665	-58.1675	-69.223	99.66507	97.66
Si	61.1533	-78.0543	6.9223	99.67467	95.89
Si	-58.1675	-78.0543	6.9223	99.67467	94.56
Si	-78.0543	-58.1675	-6.9223	99.67467	94.31
Si	-33.309	71.0967	62.3007	99.6857	93.96
Si	60.6534	-75.5684	22.4975	99.72235	93.83
Si	48.2241	-36.2948	79.6064	99.74418	95.01
Si	-71.0967	-66.125	10.3835	99.74591	91.8
Si	-76.0684	-61.1533	3.4611	99.76113	94.15
Si	65.6251	18.8939	-74.4147	99.76612	93.46
Si	70.5968	-65.6251	-25.9586	99.7698	94
Si	48.724	-78.5542	-36.3421	99.79516	93.62
Si	78.0543	63.1392	17.3058	99.80684	92.3
Si	80.5401	8.9505	-60.5701	99.86403	94.54
Si	-66.125	-31.3231	65.7618	99.86837	90.07
Si	66.125	1.4929	-76.1453	99.877	93.47
Si	-63.1392	1.4929	-76.1453	99.877	94.14
Si	61.1533	26.3514	-76.1453	99.877	91.89
Si	-35.7948	-48.724	-77.8759	99.88378	93.27
Si	-26.3514	-61.1533	-72.6842	99.91415	92.23
Si	-53.6957	58.6675	-60.5701	99.91725	91.55
Si	78.0543	53.1958	-38.0727	99.9218	98.63
Si	58.6675	-73.5825	32.8809	99.93201	93.27
Si	-58.6675	-15.908	77.8759	99.93354	91.54
Si	-13.9222	73.5825	-67.4924	99.94883	99.33
Si	-66.125	73.0826	17.3058	99.98377	91.88
Si	73.5825	70.5968	5.1917	99.99608	94
Si	70.5968	-70.5968	-5.1917	99.99608	94.21
Si	-33.309	-53.1958	76.1453	100.0007	93.03
Si	-21.3797	-76.0684	58.8396	100.005	96.31
Si	65.6251	-45.7383	-60.5701	100.0623	95.23
Si	33.309	53.1958	-79.6064	100.1131	92.07
Si	-81.0401	-21.3797	-51.9173	100.1512	96.08
Si	21.3797	-68.1109	-69.223	100.1599	92.04
Si	21.3797	71.0967	-69.223	100.1599	96.51
Si	-70.5968	45.7383	53.6478	100.1632	91.9
Si	-16.408	68.1109	72.6842	100.2067	91.01
Si	-60.6534	-23.8655	74.4147	100.2136	92.49
Si	75.5684	-0.993	-67.4924	100.2427	91.88
Si	55.6816	-60.6534	57.109	100.2996	96.87
Si	-73.0826	-23.3656	62.3007	100.3037	91.04
Si	-43.2524	-63.1392	-62.3007	100.3037	90.54
Si	26.3514	76.0684	-62.3007	100.3037	94.01
Si	-76.0684	38.2807	-51.9173	100.322	92.04
Si	38.2807	-76.0684	51.9173	100.322	95.39
Si	61.1533	-78.0543	-13.8446	100.3932	94.75
Si	18.8939	-63.6392	74.4147	100.4118	92.4
Si	-50.7099	75.5684	-43.2644	100.4198	91.17
Si	75.5684	53.6957	43.2644	100.4198	90.1
Si	-58.1675	-63.1392	-48.4561	100.4224	89.42
Si	-58.1675	66.125	48.4561	100.4224	94.34
Si	-61.1533	78.0543	-17.3058	100.4275	94.07
Si	-13.4222	-53.1958	83.0676	100.5661	92.88
Si	-55.6816	-13.9222	81.337	100.6095	91.56
Si	78.5542	10.9363	-64.0313	100.6361	96.64
Si	-70.5968	20.8798	67.4924	100.6379	94.41
Si	61.1533	-68.1109	41.5338	100.6435	91.82
Si	8.9505	-78.5542	60.5701	100.6573	90.69
Si	-58.6675	73.5825	36.3421	100.6823	93.9
Si	-60.6534	80.5401	5.1917	100.6855	94.27
Si	48.2241	53.1958	-72.6842	100.6975	90.4

Si	-66.125	18.3939	-72.6842	100.7016	97.6
Si	-56.1816	23.3656	79.6064	100.7072	92.9
Si	40.7666	-80.5401	43.2644	100.7157	93.96
Si	40.7666	-65.6251	64.0313	100.7335	95.88
Si	68.6109	40.7666	-64.0313	100.7335	89.9
Si	-81.0401	-56.1816	3.4611	100.7473	93.44
Si	-20.8798	65.6251	74.4147	100.7523	90.86
Si	38.7807	80.5401	-50.1867	100.7847	98.04
Si	63.1392	-31.3231	72.6842	100.7975	93.98
Si	-46.2382	78.0543	-44.995	100.8189	90.12
Si	-73.5825	68.6109	-5.1917	100.837	93.78
Si	-78.5542	23.8655	57.109	100.844	93.61
Si	-73.0826	66.125	20.7669	100.8468	90.56
Si	-63.1392	-73.0826	20.7669	100.8468	93.56
Si	-30.8231	80.5401	53.6478	100.8508	96.75
Si	-16.408	-66.125	72.6842	100.8742	93.99
Si	-81.0401	-51.2099	-24.2281	100.8775	94.06
Si	-48.724	-30.8231	-81.337	100.9048	98.52
Si	-78.5542	-55.6816	22.4975	100.9089	95.59
Si	-63.6392	-75.5684	1.7306	100.914	92.86
Si	63.1392	8.4505	-79.6064	100.925	93.25
Si	-45.7383	55.6816	-70.9536	101.003	93.44
Si	76.0684	41.2665	55.3784	101.0456	88.71
Si	70.5968	73.5825	15.5752	101.0685	92.36
Si	-68.1109	-63.1392	-34.6115	101.0938	90.92
Si	68.6109	-43.7524	60.5701	101.0974	89.65
Si	-73.5825	-55.6816	36.3421	101.1237	94.43
Si	0.993	73.5825	70.9536	101.1513	90.61
Si	6.4646	81.0401	-62.3007	101.1625	97.37
Si	61.1533	-28.3373	76.1453	101.229	94.82
Si	-65.6251	15.908	74.4147	101.2431	92.02
Si	-15.908	-68.6109	-70.9536	101.2509	94.29
Si	58.6675	-28.8373	-77.8759	101.2596	94.68
Si	-48.2241	56.1816	69.223	101.2643	95.41
Si	-38.2807	-78.0543	48.4561	101.2803	94.23
Si	-70.5968	-3.9787	-70.9536	101.2979	95.2
Si	-10.9363	60.6534	81.337	101.3418	91.33
Si	51.2099	-43.2524	76.1453	101.351	94.99
Si	63.6392	-63.6392	46.7255	101.4279	94.15
Si	-73.5825	-35.7948	57.109	101.4304	90.9
Si	63.6392	-78.5542	5.1917	101.4724	96.82
Si	41.2665	71.0967	-62.3007	101.5283	94.04
Si	-68.1109	41.2665	-62.3007	101.5283	93.36
Si	41.2665	-68.1109	62.3007	101.5283	95.6
Si	-78.0543	11.4363	-62.3007	101.5284	93.63
Si	8.4505	-61.1533	-79.6064	101.5389	95.02
Si	78.0543	68.1109	3.4611	101.546	93.07
Si	28.3373	-71.0967	-65.7618	101.5603	92.88
Si	81.0401	61.1533	-20.7669	101.5794	94.91
Si	60.6534	-40.7666	70.9536	101.5885	93.65
Si	-81.0401	8.4505	58.8396	101.5982	90.2
Si	60.6534	53.6957	64.0313	101.6125	90.67
Si	-63.6392	-65.6251	-39.8032	101.643	93.06
Si	31.3231	-73.0826	62.3007	101.65	94.99
Si	31.3231	76.0684	-62.3007	101.65	94.55
Si	33.309	78.0543	58.8396	101.6662	92.95
Si	-81.0401	-6.4646	-58.8396	101.6716	93.23
Si	75.5684	-55.6816	-39.8032	101.6878	96.42
Si	-45.7383	-43.7524	-77.8759	101.6984	92.03
Si	3.4788	-76.0684	65.7618	101.707	88.5
Si	-0.993	80.5401	-64.0313	101.7578	96
Si	-40.7666	45.7383	81.337	101.7803	92.36

Si	-68.6109	-60.6534	-39.8032	101.7889	92.38
Si	20.8798	-80.5401	57.109	101.817	90.46
Si	-68.6109	43.7524	-60.5701	101.829	93.22
Si	21.3797	-63.1392	76.1453	101.8376	89.99
Si	-18.3939	66.125	-76.1453	101.8376	90.78
Si	50.7099	-60.6534	64.0313	101.9043	97.93
Si	-25.8515	65.6251	74.4147	101.9716	91.97
Si	-68.6109	-35.7948	64.0313	102.0045	91.98
Si	-68.1109	-73.0826	0	102.0108	91.95
Si	-18.8939	-80.5401	57.109	102.0121	95.87
Si	48.724	-68.6109	-57.109	102.0135	94.41
Si	45.7383	73.5825	57.109	102.0588	89.99
Si	60.6534	-15.908	-81.337	102.0709	94.23
Si	-11.4363	-61.1533	79.6064	102.122	92.7
Si	-58.1675	-53.1958	62.3007	102.1352	92.9
Si	-53.1958	-58.1675	-62.3007	102.1352	90.67
Si	56.1816	-58.1675	-62.3007	102.1352	93.9
Si	-53.1958	61.1533	-62.3007	102.1352	91.26
Si	16.408	-78.0543	-62.3007	102.1352	97.38
Si	-56.1816	-81.0401	-17.3058	102.1642	95.89
Si	-55.6816	60.6534	60.5701	102.1647	89.63
Si	60.6534	-55.6816	-60.5701	102.1647	94.08
Si	40.7666	-60.6534	70.9536	102.1714	91.65
Si	28.3373	68.1109	72.6842	102.184	94.81
Si	65.6251	-45.7383	64.0313	102.1945	89.69
Si	48.2241	-81.0401	-38.0727	102.2009	94.69
Si	11.4363	-73.0826	-69.223	102.236	99.39
Si	76.0684	11.4363	69.223	102.236	94.19
Si	-18.8939	78.5542	64.0313	102.2452	95.26
Si	76.0684	-68.1109	6.9223	102.2454	95.18
Si	68.1109	-76.0684	-3.4611	102.302	95.42
Si	-38.7807	48.724	-81.337	102.3154	92.99
Si	73.0826	-6.4646	-72.6842	102.3298	91.99
Si	63.6392	80.5401	19.0363	102.3377	94.77
Si	-56.1816	73.0826	-44.995	102.3522	91.28
Si	63.6392	0.993	81.337	102.3627	91.78
Si	-38.2807	46.2382	83.0676	102.3929	93.83
Si	0.993	78.5542	-67.4924	102.4399	94.58
Si	-26.3514	68.1109	72.6842	102.4512	90.34
Si	50.7099	-70.5968	-53.6478	102.4565	93.78
Si	-63.1392	-78.0543	0	102.4942	93.89
Si	76.0684	66.125	27.6892	102.4964	91.77
Si	-71.0967	58.1675	44.995	102.4978	96.49
Si	43.2524	68.1109	65.7618	102.5009	91.78
Si	78.0543	-16.408	65.7618	102.5023	92.33
Si	58.6675	35.7948	-77.8759	102.5193	92.48
Si	63.1392	-36.2948	-72.6842	102.524	91.64
Si	-78.5542	3.9787	64.0313	102.5365	90.73
Si	-68.6109	-30.8231	-67.4924	102.5382	86.49
Si	81.0401	56.1816	34.6115	102.5503	90.67
Si	-81.0401	33.309	51.9173	102.5639	90.25
Si	-75.5684	60.6534	32.8809	102.5649	88.83
Si	-66.125	-61.1533	44.995	102.5733	93.57
Si	51.2099	-78.0543	-41.5338	102.5895	95
Si	51.2099	66.125	62.3007	102.6181	91.46
Si	-41.2665	-76.0684	51.9173	102.6622	94.18
Si	-33.809	73.5825	64.0313	102.6798	92.21
Si	-73.5825	53.6957	-46.7255	102.6876	93.09
Si	53.6957	-73.5825	46.7255	102.6876	93.59
Si	13.4222	73.0826	72.6842	102.715	93.81
Si	-71.0967	-71.0967	-3.4611	102.7155	92.79
Si	-31.3231	-76.0684	-58.8396	102.7363	91.65

Si	-55.6816	-58.6675	60.5701	102.747	92.47
Si	-58.6675	58.6675	-60.5701	102.747	91.66
Si	78.0543	53.1958	44.995	102.7589	89.07
Si	38.2807	-61.1533	-72.6842	102.7661	95.03
Si	68.1109	53.1958	-58.8396	102.8263	88.39
Si	-41.2665	68.1109	65.7618	102.9123	92.81
Si	66.125	26.3514	-76.1453	102.9241	93.23
Si	-63.1392	-23.3656	76.1453	102.9241	94.5
Si	50.7099	68.6109	-60.5701	102.9363	97.34
Si	71.0967	-73.0826	-13.8446	102.9459	91.69
Si	-73.0826	-68.1109	13.8446	102.9459	89.88
Si	70.5968	68.6109	36.3421	102.9607	91.73
Si	21.3797	-78.0543	-62.3007	102.9787	94.06
Si	33.809	60.6534	-77.8759	102.9997	91.36
Si	63.1392	23.3656	79.6064	103.0333	90.83
Si	63.6392	-63.6392	-50.1867	103.0681	93.9
Si	46.2382	-73.0826	55.3784	103.1039	95.43
Si	76.0684	46.2382	55.3784	103.1039	89.42
Si	-61.1533	-36.2948	72.6842	103.1283	91.32
Si	-13.9222	-80.5401	-60.5701	103.1299	95.74
Si	-75.5684	-58.6675	32.8809	103.1449	93.64
Si	63.6392	-68.6109	-43.2644	103.1916	91.09
Si	36.2948	76.0684	62.3007	103.2185	94.19
Si	-78.5542	-10.9363	64.0313	103.2571	92.59
Si	80.5401	-45.7383	-46.7255	103.2595	97.11
Si	-35.7948	-63.6392	-70.9536	103.281	93
Si	70.5968	-45.7383	-60.5701	103.3192	95.19
Si	-43.2524	-78.0543	48.4561	103.3339	93.22
Si	23.8655	65.6251	-77.8759	103.335	92.72
Si	-38.7807	-65.6251	-67.4924	103.3538	92.44
Si	68.6109	-23.8655	74.4147	103.3703	93.19
Si	-73.5825	23.8655	-67.4924	103.4025	93.35
Si	65.6251	33.809	-74.4147	103.4157	91.8
Si	-76.0684	-66.125	10.3835	103.4203	90.77
Si	33.809	-53.6957	81.337	103.469	95.06
Si	-66.125	53.1958	58.8396	103.4769	88.88
Si	-61.1533	-56.1816	-58.8396	103.5036	89.01
Si	50.7099	-55.6816	70.9536	103.5648	93.3
Si	8.9505	-73.5825	-70.9536	103.5681	100.04
Si	71.0967	46.2382	-62.3007	103.5771	90.11
Si	-43.2524	-68.1109	-62.3007	103.5771	90.96
Si	23.8655	-58.6675	81.337	103.6123	90.93
Si	-58.6675	23.8655	-81.337	103.6123	93.41
Si	-48.2241	-48.2241	76.1453	103.642	93.49
Si	40.7666	78.5542	57.109	103.6451	93.76
Si	-75.5684	40.7666	-57.109	103.6451	93.08
Si	-60.6534	-58.6675	-57.109	103.6478	90.04
Si	-63.1392	-68.1109	-41.5338	103.668	90.41
Si	-81.0401	-61.1533	-3.4611	103.6736	95.31
Si	18.8939	-68.6109	74.4147	103.7057	91.2
Si	68.6109	80.5401	-1.7306	103.7125	93
Si	55.6816	-55.6816	-67.4924	103.7332	94.81
Si	-55.6816	-63.6392	-57.109	103.7909	88.06
Si	58.6675	-63.6392	-57.109	103.7909	91.46
Si	31.3231	-53.1958	83.0676	103.8312	93.66
Si	53.6957	-48.724	74.4147	103.8481	95.42
Si	63.6392	80.5401	25.9586	103.8483	92.74
Si	-43.2524	56.1816	-76.1453	103.8802	93.34
Si	56.1816	-43.2524	76.1453	103.8802	94.32
Si	63.1392	53.1958	65.7618	103.9138	91.37
Si	-45.7383	45.7383	81.337	103.943	93.76
Si	53.6957	-53.6957	-70.9536	103.9487	95.24

Si	-50.7099	-53.6957	-70.9536	103.9487	95.48
Si	23.8655	-63.6392	-77.8759	103.9585	91.54
Si	-73.5825	63.6392	36.3421	104.0155	91.4
Si	48.724	-78.5542	46.7255	104.0269	94.35
Si	8.4505	68.1109	79.6064	104.0363	93.26
Si	-43.7524	-50.7099	77.8759	104.1005	95.14
Si	-55.6816	80.5401	-36.3421	104.1064	96.07
Si	-51.2099	-51.2099	72.6842	104.1065	94.37
Si	-6.4646	68.1109	79.6064	104.108	89.05
Si	-8.9505	-70.5968	-74.4147	104.1323	93.28
Si	-58.1675	-73.0826	41.5338	104.1438	97.26
Si	-68.1109	36.2948	-69.223	104.1522	93.84
Si	78.5542	-68.6109	-1.7306	104.1921	94.21
Si	-80.5401	-3.9787	-64.0313	104.2083	94.88
Si	38.2807	-81.0401	51.9173	104.2134	96.39
Si	78.5542	-43.7524	53.6478	104.2289	87.94
Si	-68.1109	16.408	-76.1453	104.2365	97.84
Si	-75.5684	20.8798	67.4924	104.257	93.15
Si	-18.8939	-60.6534	-81.337	104.3719	91.61
Si	70.5968	-5.9646	77.8759	104.382	92.19
Si	-60.6534	55.6816	-64.0313	104.3963	91.94
Si	80.5401	-65.6251	-12.114	104.4032	90.06
Si	-73.0826	-53.1958	48.4561	104.4048	95.8
Si	56.1816	-68.1109	-55.3784	104.4141	92.14
Si	-28.8373	-80.5401	57.109	104.4546	96.7
Si	70.5968	-55.6816	-53.6478	104.5101	93.72
Si	65.6251	-25.8515	77.8759	104.5241	93.4
Si	65.6251	28.8373	77.8759	104.5241	90.97
Si	-75.5684	-68.6109	-8.6529	104.5364	95.1
Si	-65.6251	-63.6392	46.7255	104.548	94.45
Si	-31.3231	-66.125	-72.6842	104.5565	92.79
Si	-36.2948	-81.0401	-51.9173	104.5706	88.1
Si	-78.0543	66.125	20.7669	104.5769	88.18
Si	-65.6251	-78.5542	5.1917	104.5912	91.82
Si	-58.1675	-38.2807	-76.1453	104.5916	88.57
Si	41.2665	61.1533	-76.1453	104.5916	90.16
Si	-38.2807	-58.1675	76.1453	104.5916	92.51
Si	-38.2807	-48.2241	83.0676	104.6611	94.88
Si	38.7807	60.6534	-77.8759	104.6661	91.58
Si	-63.1392	46.2382	69.223	104.7438	90.95
Si	-23.3656	76.0684	-69.223	104.7439	96.11
Si	-70.5968	-13.9222	74.4147	104.7478	91.9
Si	-48.724	78.5542	50.1867	104.7802	93.43
Si	-80.5401	65.6251	12.114	104.8289	92.88
Si	-75.5684	5.9646	-70.9536	104.8468	91.49
Si	-30.8231	-68.6109	-70.9536	104.8488	93.09
Si	70.5968	-10.9363	77.8759	104.8546	92.41
Si	-65.6251	80.5401	-15.5752	104.8612	95.24
Si	-58.1675	61.1533	-62.3007	104.8814	92.54
Si	-68.6109	68.6109	-39.8032	104.8983	93.45
Si	-65.6251	-73.5825	-29.4198	104.9127	92.42
Si	-53.6957	63.6392	64.0313	104.9188	90.42
Si	-65.6251	45.7383	67.4924	104.9652	90.5
Si	76.0684	41.2665	-62.3007	104.9992	91.04
Si	76.0684	-38.2807	62.3007	104.9992	89.21
Si	-63.6392	48.724	-67.4924	105.0152	91.84
Si	-15.908	65.6251	81.337	105.0306	90.84
Si	-18.3939	71.0967	-76.1453	105.0632	91.64
Si	-51.2099	-81.0401	-38.0727	105.0657	95.18
Si	56.1816	81.0401	-41.5338	105.0889	94.66
Si	-78.0543	-53.1958	-41.5338	105.0889	96.71
Si	-53.1958	-63.1392	-62.3007	105.1168	90.56

Si	56.1816	66.125	-62.3007	105.1168	93.38
Si	55.6816	-75.5684	-46.7255	105.1577	95.5
Si	-63.6392	-40.7666	70.9536	105.1782	92.6
Si	-66.125	48.2241	65.7618	105.2645	89.65
Si	75.5684	-30.8231	-67.4924	105.2936	92.29
Si	25.8515	78.5542	-67.4924	105.2949	95.46
Si	-73.5825	43.7524	-60.5701	105.3135	93.67
Si	73.0826	78.0543	-10.3835	105.3307	89.97
Si	-73.0826	-48.2241	55.3784	105.3568	91.99
Si	-3.4788	66.125	83.0676	105.3672	90.27
Si	-60.6534	35.7948	-77.8759	105.3728	91.51
Si	63.1392	78.0543	38.0727	105.4108	91.41
Si	43.7524	70.5968	67.4924	105.4345	92.76
Si	-78.0543	1.4929	-69.223	105.4494	91.78
Si	28.3373	73.0826	72.6842	105.4926	94.89
Si	65.6251	-65.6251	50.1867	105.5294	91.95
Si	-81.0401	3.4788	65.7618	105.5474	89.38
Si	-65.6251	5.9646	81.337	105.5487	92.7
Si	78.0543	-71.0967	3.4611	105.5598	94.25
Si	-48.2241	81.0401	-48.4561	105.5819	90.87
Si	-75.5684	40.7666	60.5701	105.5917	88.69
Si	-75.5684	45.7383	-57.109	105.6292	91.37
Si	45.7383	78.5542	57.109	105.6292	90.38
Si	45.7383	-75.5684	57.109	105.6292	95.65
Si	-73.0826	-73.0826	6.9223	105.6926	92.21
Si	76.0684	76.0684	-6.9223	105.6926	90.29
Si	-63.1392	-8.4505	83.0676	105.7185	89.9
Si	-0.993	-73.5825	74.4147	105.7358	85.97
Si	73.5825	65.6251	-43.2644	105.7434	93.67
Si	-33.309	66.125	76.1453	105.7667	92.58
Si	75.5684	-70.5968	22.4975	105.7839	96.97
Si	-61.1533	-66.125	51.9173	105.7929	93.22
Si	-66.125	-61.1533	-51.9173	105.7929	89.77
Si	51.2099	71.0967	-62.3007	105.8199	96.22
Si	-48.2241	71.0967	62.3007	105.8199	90.74
Si	-80.5401	20.8798	-64.0313	105.855	93.82
Si	-23.8655	68.6109	77.8759	105.8892	90.89
Si	-80.5401	-63.6392	-15.5752	105.8971	91.98
Si	63.1392	-31.3231	79.6064	105.8978	94.24
Si	-68.1109	-38.2807	69.223	105.9172	91.11
Si	-68.1109	-38.2807	-69.223	105.9172	87.57
Si	-8.4505	81.0401	-69.223	105.9172	97.87
Si	-78.0543	-68.1109	-6.9223	105.9262	92.34
Si	-78.0543	71.0967	-6.9223	105.9262	92.47
Si	-38.7807	-75.5684	-60.5701	105.9677	91.73
Si	65.6251	-20.8798	-81.337	105.9678	91.74
Si	55.6816	-45.7383	77.8759	105.9804	96.29
Si	63.6392	65.6251	-57.109	106.0025	91.83
Si	-28.3373	-73.0826	-69.223	106.0338	94.26
Si	73.0826	-76.0684	10.3835	106.0597	92.27
Si	51.2099	56.1816	-76.1453	106.1166	90.98
Si	56.1816	-48.2241	-76.1453	106.1166	99.05
Si	68.1109	-81.0401	3.4611	106.1208	95.58
Si	-81.0401	68.1109	-3.4611	106.1208	92.92
Si	-31.3231	78.0543	-65.7618	106.128	95.84
Si	-76.0684	63.1392	38.0727	106.1393	89.43
Si	-78.5542	18.8939	-67.4924	106.1394	93.22
Si	68.6109	60.6534	-57.109	106.1424	92.18
Si	63.1392	48.2241	72.6842	106.1464	88.22
Si	-63.1392	81.0401	27.6892	106.1685	97.1
Si	-63.1392	81.0401	-27.6892	106.1685	94.46
Si	-78.5542	-65.6251	-19.0363	106.1826	93.53

Si	-78.5542	68.6109	-19.0363	106.1826	93.45
Si	18.8939	-68.6109	-77.8759	106.2167	93.8
Si	78.0543	73.0826	17.3058	106.2366	91.57
Si	73.5825	-3.9787	-77.8759	106.2615	93.18
Si	58.1675	43.2524	79.6064	106.2688	88.17
Si	-43.7524	-80.5401	50.1867	106.2791	94.48
Si	-51.2099	48.2241	-79.6064	106.2948	93.58
Si	70.5968	58.6675	57.109	106.3283	87.26
Si	38.7807	80.5401	60.5701	106.3371	96.06
Si	-76.0684	-1.4929	-72.6842	106.3375	93.03
Si	-1.4929	-76.0684	-72.6842	106.3375	95.13
Si	60.6534	78.5542	43.2644	106.3495	90.83
Si	60.6534	-75.5684	43.2644	106.3495	93.11
Si	-61.1533	-61.1533	-58.8396	106.3541	90.83
Si	53.6957	-48.724	-77.8759	106.3557	99.75
Si	-48.724	53.6957	77.8759	106.3557	92.8
Si	78.0543	-11.4363	72.6842	106.3569	91.49
Si	75.5684	18.8939	-74.4147	106.4309	92.6
Si	78.0543	-51.2099	51.9173	106.4642	86.27
Si	-41.2665	-81.0401	-51.9173	106.4681	89.56
Si	31.3231	61.1533	83.0676	106.5337	91.06
Si	60.6534	-40.7666	77.8759	106.5386	95.74
Si	63.6392	-78.5542	32.8809	106.5404	93.42
Si	63.6392	45.7383	74.4147	106.5709	87.45
Si	-56.1816	-66.125	-58.8396	106.5862	87.62
Si	-78.0543	71.0967	-13.8446	106.6026	93.46
Si	65.6251	-75.5684	36.3421	106.6402	92.8
Si	51.2099	-43.2524	83.0676	106.6497	95.91
Si	46.2382	-48.2241	83.0676	106.6497	96.19
Si	58.6675	-43.7524	-77.8759	106.6804	98.03
Si	68.6109	-58.6675	-57.109	106.703	90.59
Si	75.5684	-45.7383	-60.5701	106.7085	92.25
Si	-70.5968	-48.724	60.5701	106.7118	92.25
Si	-48.724	-70.5968	-60.5701	106.7118	89.73
Si	-61.1533	48.2241	-72.6842	106.7302	89.56
Si	78.5542	55.6816	-50.1867	106.7407	90.69
Si	-28.8373	63.6392	-81.337	106.7604	91.73
Si	35.7948	73.5825	70.9536	106.808	92.13
Si	-28.8373	-75.5684	-67.4924	106.8344	91.79
Si	-68.1109	-68.1109	41.5338	106.8384	93.67
Si	-33.309	-78.0543	-62.3007	106.8658	92.87
Si	-55.6816	40.7666	81.337	106.8974	93.3
Si	78.0543	-71.0967	-17.3058	106.913	90.44
Si	-40.7666	-53.6957	81.337	106.9923	94.17
Si	-53.6957	-40.7666	-81.337	106.9923	90.34
Si	11.4363	-73.0826	76.1453	107.0443	89.06
Si	-65.6251	70.5968	46.7255	107.0674	94.86
Si	76.0684	66.125	41.5338	107.0695	89.31
Si	3.4788	73.0826	79.6064	107.0804	91.23
Si	76.0684	61.1533	48.4561	107.0928	88.32
Si	73.5825	15.908	-77.8759	107.0951	92.68
Si	15.908	73.5825	77.8759	107.0951	93.61
Si	15.908	-70.5968	77.8759	107.0951	90.23
Si	71.0967	61.1533	-55.3784	107.1019	92.71
Si	80.5401	-70.5968	-5.1917	107.109	93.25
Si	-38.2807	-53.1958	83.0676	107.1122	95.36
Si	-66.125	-81.0401	10.3835	107.1993	92.18
Si	65.6251	-70.5968	-46.7255	107.206	89.82
Si	78.5542	5.9646	74.4147	107.2194	91.14
Si	-73.5825	73.5825	-25.9586	107.2711	94.67
Si	53.1958	-81.0401	-44.995	107.282	95.8
Si	73.0826	8.4505	79.6064	107.2878	90.2

Si	81.0401	21.3797	-69.223	107.3083	93.97
Si	-70.5968	80.5401	-8.6529	107.3325	94.98
Si	-40.7666	-73.5825	-64.0313	107.3415	90.37
Si	-30.8231	-78.5542	-64.0313	107.4797	92.41
Si	-73.0826	-73.0826	-20.7669	107.4908	92.2
Si	70.5968	73.5825	-39.8032	107.5014	93.45
Si	41.2665	66.125	-76.1453	107.5051	90.69
Si	41.2665	-63.1392	76.1453	107.5051	92.67
Si	36.2948	-73.0826	-69.223	107.5384	90.81
Si	-66.125	53.1958	-65.7618	107.5639	92.01
Si	73.0826	78.0543	24.2281	107.5813	94.63
Si	-78.5542	13.9222	70.9536	107.6868	90.57
Si	-66.125	43.2524	72.6842	107.6988	89.78
Si	71.0967	81.0401	-20.7669	107.7205	92.99
Si	-63.6392	58.6675	64.0313	107.7549	89.77
Si	-81.0401	-51.2099	-44.995	107.7675	97.17
Si	23.3656	-81.0401	65.7618	107.7717	90.75
Si	-63.6392	-65.6251	-53.6478	107.8197	88.82
Si	-58.6675	-35.7948	-81.337	107.8209	91.52
Si	71.0967	46.2382	-69.223	107.8826	89.32
Si	63.6392	65.6251	60.5701	107.9066	90.92
Si	-78.5542	53.6957	50.1867	107.9416	85.89
Si	-43.7524	-75.5684	-60.5701	107.9552	91.27
Si	36.2948	-58.1675	83.0676	108.0313	95.71
Si	-18.8939	73.5825	77.8759	108.061	90.69
Si	48.2241	-81.0401	-51.9173	108.1245	93.65
Si	80.5401	-60.6534	-39.8032	108.1431	97.02
Si	66.125	-23.3656	83.0676	108.1456	93.45
Si	-68.6109	48.724	-67.4924	108.1691	92.73
Si	58.1675	58.1675	72.6842	108.1989	89.36
Si	-78.5542	-25.8515	-67.4924	108.215	87.45
Si	-65.6251	25.8515	81.337	108.2306	93.85
Si	78.0543	-71.0967	24.2281	108.2492	96.93
Si	-71.0967	78.0543	24.2281	108.2492	89.85
Si	-50.7099	55.6816	-77.8759	108.2876	93.54
Si	-76.0684	73.0826	24.2281	108.2952	89.58
Si	26.3514	81.0401	69.223	108.3399	91.32
Si	-23.3656	81.0401	69.223	108.3399	94.58
Si	-58.6675	78.5542	-46.7255	108.3559	91.49
Si	70.5968	-80.5401	15.5752	108.3852	93.05
Si	-70.5968	-78.5542	12.114	108.403	90.46
Si	21.3797	-73.0826	76.1453	108.4209	92.62
Si	6.4646	-68.1109	83.0676	108.4879	92.28
Si	-80.5401	-48.724	-50.1867	108.489	98.16
Si	73.5825	40.7666	-70.9536	108.5069	89.77
Si	-78.5542	-65.6251	29.4198	108.526	94.06
Si	-53.1958	-53.1958	-76.1453	108.5349	96.7
Si	56.1816	56.1816	-76.1453	108.5349	90.94
Si	68.1109	33.309	-79.6064	108.5698	92.31
Si	3.9787	80.5401	74.4147	108.5919	87.52
Si	-58.6675	68.6109	-60.5701	108.5948	89.6
Si	-70.5968	-43.7524	67.4924	108.6245	92.84
Si	78.0543	-61.1533	44.995	108.6772	90.51
Si	-70.5968	0.993	81.337	108.6871	90.81
Si	-46.2382	58.1675	-79.6064	108.7541	93.5
Si	43.7524	75.5684	67.4924	108.7579	92.64
Si	-66.125	63.1392	-58.8396	108.7867	90.05
Si	-50.7099	-53.6957	-77.8759	108.7914	100.69
Si	80.5401	-5.9646	-74.4147	108.8193	93.76
Si	8.9505	80.5401	74.4147	108.8193	88.44
Si	71.0967	-8.4505	83.0676	108.8292	91.16
Si	-8.4505	71.0967	83.0676	108.8292	88.49

Si	71.0967	11.4363	83.0676	108.8292	91.87
Si	-48.2241	51.2099	83.0676	108.8292	94.05
Si	80.5401	33.809	-67.4924	108.8486	94.02
Si	-55.6816	-68.6109	60.5701	108.8678	90.4
Si	-56.1816	78.0543	-51.9173	109.011	90.33
Si	-80.5401	-68.6109	-15.5752	109.0254	90.37
Si	-73.0826	-73.0826	-27.6892	109.0399	93.5
Si	18.3939	-71.0967	79.6064	109.0508	92.21
Si	-75.5684	-28.8373	-70.9536	109.054	87.32
Si	60.6534	43.7524	-81.337	109.0941	89.82
Si	61.1533	-58.1675	69.223	109.1355	93.5
Si	61.1533	61.1533	-69.223	109.1355	91.85
Si	35.7948	-70.5968	-74.4147	109.138	92.01
Si	75.5684	38.7807	70.9536	109.142	86.72
Si	-58.6675	-55.6816	70.9536	109.1907	91.78
Si	75.5684	78.5542	22.4975	109.2327	94.25
Si	81.0401	76.0684	-6.9223	109.2574	89.51
Si	76.0684	-78.0543	-6.9223	109.2574	92.45
Si	-81.0401	73.0826	3.4611	109.3104	93.62
Si	-0.993	-78.5542	74.4147	109.3219	87.69
Si	-70.5968	80.5401	-22.4975	109.323	95.25
Si	-53.1958	66.125	69.223	109.3617	89.79
Si	-78.5542	-70.5968	-19.0363	109.3931	91.6
Si	-28.3373	66.125	83.0676	109.3955	93.33
Si	43.7524	-73.5825	67.4924	109.4414	94.19
Si	-23.3656	-73.0826	-76.1453	109.442	89.63
Si	-63.1392	46.2382	76.1453	109.442	91.2
Si	76.0684	26.3514	76.1453	109.442	95.76
Si	-70.5968	-33.809	74.4147	109.4563	89.61
Si	-31.3231	-66.125	-79.6064	109.4818	90.72
Si	68.1109	-46.2382	-72.6842	109.5409	91.42
Si	-50.7099	-63.6392	-70.9536	109.5524	91.05
Si	31.3231	-78.0543	-69.223	109.5875	90.16
Si	-50.7099	-78.5542	53.6478	109.5937	92.4
Si	43.2524	-81.0401	-58.8396	109.625	93.53
Si	50.7099	-75.5684	-60.5701	109.6791	91.3
Si	-68.1109	71.0967	48.4561	109.715	95.16
Si	71.0967	-68.1109	-48.4561	109.715	89.85
Si	48.724	70.5968	-70.9536	109.7294	95.58
Si	58.1675	-81.0401	44.995	109.7645	92.33
Si	-35.7948	-73.5825	-70.9536	109.8231	93.12
Si	75.5684	33.809	-74.4147	109.8593	93.87
Si	65.6251	63.6392	64.0313	109.8867	90.8
Si	63.6392	65.6251	-64.0313	109.8867	91.34
Si	76.0684	81.0401	13.8446	109.9133	90.36
Si	76.0684	-78.0543	-13.8446	109.9133	92.17
Si	-75.5684	-43.7524	-64.0313	109.9345	88.65
Si	-43.7524	-75.5684	64.0313	109.9345	88.86
Si	-73.0826	-63.1392	48.4561	109.94	92.53
Si	71.0967	-63.1392	-55.3784	109.9489	93.37
Si	66.125	71.0967	-55.3784	109.9489	91.35
Si	71.0967	66.125	55.3784	109.9489	87.86
Si	78.5542	10.9363	-77.8759	109.9649	91.87
Si	-63.6392	-40.7666	77.8759	109.9668	88.34
Si	78.0543	-51.2099	58.8396	110.006	88.3
Si	-81.0401	-1.4929	-72.6842	110.0163	93.31
Si	68.6109	60.6534	-64.0313	110.0217	90.66
Si	-76.0684	73.0826	31.1504	110.0508	89.02
Si	73.0826	53.1958	65.7618	110.104	85.98
Si	81.0401	1.4929	-76.1453	110.1175	92.67
Si	-21.3797	-71.0967	-79.6064	110.1344	88.47
Si	-71.0967	-21.3797	-79.6064	110.1344	88.88

Si	71.0967	76.0684	41.5338	110.142	90.81
Si	76.0684	71.0967	-41.5338	110.142	94.21
Si	-66.125	-46.2382	72.6842	110.1518	92.38
Si	70.5968	-25.8515	-81.337	110.1761	93.84
Si	-18.3939	71.0967	83.0676	110.1835	90.22
Si	63.6392	-78.5542	-43.2644	110.1885	92.7
Si	35.7948	78.5542	70.9536	110.2247	92.79
Si	6.4646	81.0401	76.1453	110.2297	87.41
Si	70.5968	-70.5968	-46.7255	110.2522	90.16
Si	-56.1816	-81.0401	-44.995	110.2841	90.89
Si	50.7099	73.5825	-67.4924	110.3379	95.65
Si	-81.0401	53.1958	51.9173	110.3643	86.02
Si	73.5825	65.6251	53.6478	110.399	87.59
Si	-65.6251	-38.7807	-77.8759	110.4148	88.47
Si	68.6109	-38.7807	-77.8759	110.4148	90.07
Si	-35.7948	80.5401	67.4924	110.4268	91.85
Si	-1.4929	78.0543	79.6064	110.4887	91.13
Si	78.5542	80.5401	5.1917	110.5164	94.2
Si	-73.5825	-30.8231	-74.4147	110.536	86.14
Si	-78.0543	66.125	41.5338	110.5899	91.4
Si	66.125	-63.1392	62.3007	110.6164	91.49
Si	-63.1392	66.125	62.3007	110.6164	91.56
Si	-76.0684	-71.0967	31.1504	110.7039	93.87
Si	38.2807	-66.125	-79.6064	110.7371	91.1
Si	73.5825	-48.724	67.4924	110.7876	85.85
Si	-58.1675	-68.1109	-62.3007	110.8397	88.45
Si	61.1533	71.0967	-62.3007	110.8397	93.67
Si	80.5401	23.8655	-74.4147	110.8447	94.71
Si	36.2948	-63.1392	83.0676	110.8544	92.83
Si	-75.5684	75.5684	-29.4198	110.8655	92.92
Si	80.5401	-60.6534	-46.7255	110.8779	98.39
Si	-65.6251	-68.6109	53.6478	110.8938	92.47
Si	50.7099	-55.6816	-81.337	110.9367	95.78
Si	-78.5542	-45.7383	-60.5701	110.9372	88.03
Si	-70.5968	80.5401	-29.4198	110.9545	93.33
Si	-73.0826	-73.0826	34.6115	110.9998	93.47
Si	-33.309	-78.0543	-69.223	111.0439	92.54
Si	78.0543	13.4222	79.6064	111.0907	90.91
Si	-78.5542	78.5542	1.7306	111.126	93.06
Si	-78.5542	38.7807	-67.4924	111.1447	94.16
Si	-66.125	-81.0401	31.1504	111.1495	93.72
Si	-53.1958	-48.2241	83.0676	111.1884	93.58
Si	80.5401	-5.9646	77.8759	111.2148	90.45
Si	8.9505	80.5401	-77.8759	111.2148	93.27
Si	-78.5542	-75.5684	-5.1917	111.2338	93.44
Si	-50.7099	-53.6957	81.337	111.2953	95.22
Si	73.0826	63.1392	58.8396	111.2989	87.53
Si	65.6251	58.6675	70.9536	111.4283	89.88
Si	-75.5684	80.5401	-15.5752	111.4877	94.52
Si	80.5401	-75.5684	15.5752	111.4877	91.08
Si	56.1816	76.0684	62.3007	111.5067	90.35
Si	78.0543	73.0826	-38.0727	111.518	93.43
Si	-68.6109	-75.5684	-39.8032	111.5226	93.31
Si	78.5542	-68.6109	39.8032	111.5226	91.63
Si	-63.1392	-48.2241	-76.1453	111.567	89.92
Si	43.7524	-73.5825	-70.9536	111.6091	90.54
Si	-58.1675	46.2382	83.0676	111.6321	94
Si	-58.1675	-43.2524	83.0676	111.6321	88.71
Si	68.6109	55.6816	-70.9536	111.6945	91.42
Si	-78.5542	-0.993	77.8759	111.7067	89.9
Si	78.0543	-61.1533	-51.9173	111.7211	98.97
Si	-81.0401	38.2807	-65.7618	111.7571	94.99

Si	-51.2099	68.1109	72.6842	111.7968	88.69
Si	-80.5401	-13.9222	74.4147	111.824	91.34
Si	63.1392	-76.0684	51.9173	111.8545	91.72
Si	-58.6675	-60.6534	70.9536	111.8742	91.12
Si	45.7383	-65.6251	77.8759	111.9246	92.6
Si	-66.125	53.1958	-72.6842	111.9301	93.32
Si	-58.1675	-63.1392	69.223	111.9308	92.5
Si	-63.1392	-58.1675	69.223	111.9308	91.24
Si	-58.6675	-80.5401	-46.7255	111.9463	92.1
Si	-63.6392	48.724	77.8759	111.9715	89.14
Si	-65.6251	70.5968	-57.109	111.9893	90.75
Si	55.6816	-80.5401	-53.6478	111.9997	93.43
Si	78.5542	0.993	81.337	112.0465	89.79
Si	-78.5542	-55.6816	-53.6478	112.0472	95.94
Si	-8.4505	76.0684	83.0676	112.0741	88.88
Si	76.0684	11.4363	83.0676	112.0741	91.66
Si	65.6251	-75.5684	50.1867	112.1164	92.36
Si	76.0684	-33.309	76.1453	112.1195	92.92
Si	36.2948	76.0684	76.1453	112.1195	91.62
Si	65.6251	73.5825	57.109	112.1217	89.04
Si	78.0543	-71.0967	38.0727	112.1625	92.2
Si	78.5542	-78.5542	-15.5752	112.1989	93.76
Si	-38.7807	78.5542	70.9536	112.2267	91.12
Si	-43.7524	68.6109	77.8759	112.3237	89.79
Si	56.1816	71.0967	-69.223	112.3716	94.59
Si	-40.7666	-63.6392	81.337	112.4445	91.3
Si	43.2524	-66.125	79.6064	112.4865	93.05
Si	-53.6957	-80.5401	-53.6478	112.4869	92.51
Si	78.5542	-73.5825	32.8809	112.4986	91.93
Si	-50.7099	-68.6109	-70.9536	112.5792	90.09
Si	-58.6675	68.6109	-67.4924	112.6025	90.08
Si	78.0543	78.0543	31.1504	112.6661	92.27
Si	-66.125	-41.2665	-79.6064	112.8616	87.92
Si	-78.5542	48.724	64.0313	112.8642	85.68
Si	68.6109	-38.7807	81.337	112.8826	92.25
Si	-30.8231	-73.5825	-77.8759	112.8951	92.23
Si	75.5684	-75.5684	36.3421	112.8999	91.25
Si	-73.5825	-20.8798	-81.337	112.9273	91.1
Si	-73.0826	71.0967	48.4561	112.9344	94.37
Si	-68.1109	71.0967	-55.3784	112.9431	92.35
Si	-70.5968	80.5401	-36.3421	112.9873	93.79
Si	-56.1816	73.0826	65.7618	113.0312	88.74
Si	78.5542	-13.9222	81.337	113.1008	92.69
Si	60.6534	73.5825	64.0313	113.1233	89.34
Si	73.5825	-53.6957	67.4924	113.1279	88.59
Si	-70.5968	40.7666	-77.8759	113.1547	94.54
Si	-71.0967	58.1675	-65.7618	113.1631	91.63
Si	38.2807	73.0826	79.6064	113.2061	90.19
Si	-61.1533	-66.125	-65.7618	113.2314	87.52
Si	-48.2241	-73.0826	-69.223	113.248	88.88
Si	-80.5401	40.7666	67.4924	113.2566	86.7
Si	38.7807	-78.5542	-70.9536	113.2799	89.7
Si	-56.1816	-81.0401	51.9173	113.2848	92.45
Si	81.0401	81.0401	13.8446	113.3454	90.19
Si	-73.0826	76.0684	-41.5338	113.3493	92.54
Si	-78.5542	78.5542	22.4975	113.3673	91.07
Si	21.3797	-73.0826	83.0676	113.3897	92.02
Si	25.8515	-80.5401	-74.4147	113.4033	92.3
Si	78.5542	30.8231	-77.8759	113.4168	94.65
Si	75.5684	-70.5968	-46.7255	113.4345	89.47
Si	-68.6109	63.6392	64.0313	113.4755	91.21
Si	63.6392	-68.6109	-64.0313	113.4755	90.66

Si	63.1392	63.1392	72.6842	113.5056	89.98
Si	63.1392	63.1392	-72.6842	113.5056	93.79
Si	81.0401	-68.1109	41.5338	113.5672	91.16
Si	-68.1109	81.0401	-41.5338	113.5672	94.18
Si	71.0967	81.0401	-41.5338	113.5672	92.82
Si	48.724	-73.5825	-70.9536	113.5848	89.18
Si	-8.9505	-80.5401	77.8759	113.592	87.79
Si	-68.1109	-63.1392	-62.3007	113.593	86.41
Si	78.5542	50.7099	67.4924	113.6486	85.04
Si	65.6251	58.6675	-74.4147	113.6636	93.4
Si	58.6675	65.6251	74.4147	113.6636	88.96
Si	55.6816	-80.5401	57.109	113.6982	90.75
Si	-75.5684	45.7383	-70.9536	113.7124	93.96
Si	-55.6816	-78.5542	-57.109	113.7449	90.9
Si	-73.0826	41.2665	-76.1453	113.7609	94.14
Si	70.5968	-65.6251	-60.5701	113.7932	93.15
Si	-68.1109	36.2948	83.0676	113.8248	92.31
Si	-73.5825	43.7524	-74.4147	113.8408	94.97
Si	-63.1392	56.1816	-76.1453	113.8695	92.39
Si	23.8655	-78.5542	-77.8759	113.8979	91.8
Si	-58.1675	-73.0826	62.3007	114.0274	89.39
Si	76.0684	-58.1675	-62.3007	114.0274	93.47
Si	73.5825	-73.5825	46.7255	114.0899	92.3
Si	40.7666	-75.5684	-74.4147	114.0983	90.22
Si	-73.5825	68.6109	-53.6478	114.1019	89.96
Si	-75.5684	-43.7524	-70.9536	114.1052	87.91
Si	80.5401	73.5825	-39.8032	114.1476	93.2
Si	-63.6392	-50.7099	77.8759	114.1577	90.53
Si	-51.2099	-61.1533	79.6064	114.1898	90.45
Si	-76.0684	43.2524	-72.6842	114.2042	94.18
Si	28.8373	80.5401	-77.8759	114.284	92.34
Si	-73.0826	26.3514	83.0676	114.3664	93.97
Si	-80.5401	75.5684	-29.4198	114.3771	92.71
Si	-75.5684	-53.6957	-64.0313	114.3864	87.59
Si	-73.0826	-78.0543	-34.6115	114.3994	93.47
Si	-78.0543	76.0684	34.6115	114.3994	89.32
Si	-73.5825	38.7807	77.8759	114.4174	91.33
Si	-68.1109	-48.2241	-76.1453	114.5189	89.2
Si	-51.2099	-76.0684	65.7618	114.5337	91.65
Si	46.2382	-78.0543	69.223	114.5501	91.43
Si	75.5684	-30.8231	-81.337	114.6613	93.91
Si	33.809	75.5684	81.337	114.6613	90.43
Si	78.5542	25.8515	81.337	114.6626	95.38
Si	63.6392	-78.5542	53.6478	114.6638	92.7
Si	3.4788	-81.0401	-79.6064	114.6858	92.27
Si	73.0826	-66.125	58.8396	114.7142	89.41
Si	80.5401	-15.908	-81.337	114.7474	91.07
Si	65.6251	68.6109	-67.4924	114.7736	92.65
Si	-35.7948	80.5401	74.4147	114.7885	92.01
Si	-68.6109	53.6957	-74.4147	114.7921	93.82
Si	-78.5542	-10.9363	-81.337	114.7944	91.23
Si	35.7948	78.5542	77.8759	114.803	90.5
Si	80.5401	58.6675	-60.5701	114.8309	89.17
Si	-66.125	-46.2382	-79.6064	114.8374	90.24
Si	-68.1109	-58.1675	-69.223	114.8733	85.92
Si	56.1816	81.0401	-62.3007	114.8912	91.33
Si	78.5542	-78.5542	-29.4198	114.9414	91.66
Si	-80.5401	-68.6109	39.8032	115.0142	91.3
Si	-80.5401	45.7383	67.4924	115.0752	85.39
Si	-50.7099	75.5684	-70.9536	115.0945	87.21
Si	-65.6251	75.5684	-57.109	115.1236	90.84
Si	80.5401	68.6109	50.1867	115.2041	88.5

Si	-81.0401	68.1109	44.995	115.2137	92.56
Si	-53.6957	-70.5968	70.9536	115.2264	90.82
Si	-76.0684	63.1392	-58.8396	115.2307	89.99
Si	-66.125	-71.0967	-58.8396	115.3409	88.07
Si	-71.0967	-76.0684	44.995	115.367	92.06
Si	-11.4363	-81.0401	-79.6064	115.3952	84.19
Si	73.5825	80.5401	-43.2644	115.4001	94.89
Si	80.5401	-70.5968	43.2644	115.4001	93.89
Si	-81.0401	48.2241	65.7618	115.4128	86.44
Si	78.0543	48.2241	-72.6842	115.4489	88.39
Si	-68.6109	63.6392	-67.4924	115.4639	89.58
Si	-35.7948	-78.5542	74.4147	115.4793	90.97
Si	43.2524	-71.0967	79.6064	115.5435	92.53
Si	-28.3373	-73.0826	83.0676	115.549	90.17
Si	80.5401	23.8655	-81.337	115.6059	96.26
Si	80.5401	-60.6534	57.109	115.6376	88.44
Si	-68.6109	-70.5968	57.109	115.6412	91.89
Si	60.6534	58.6675	-81.337	115.6918	91.77
Si	-55.6816	60.6534	81.337	115.6918	91.27
Si	55.6816	-60.6534	-81.337	115.8201	93.05
Si	-81.0401	-76.0684	24.2281	115.8208	92.51
Si	-46.2382	-81.0401	65.7618	115.8213	88.72
Si	-81.0401	-46.2382	65.7618	115.8213	87.46
Si	-78.0543	81.0401	27.6892	115.8543	91.97
Si	-81.0401	-61.1533	-51.9173	115.895	97.43
Si	-80.5401	-23.8655	-77.8759	115.9186	90.96
Si	-78.0543	16.408	83.0676	115.9761	93.16
Si	-81.0401	-16.408	79.6064	116.0574	90.6
Si	-73.0826	76.0684	-48.4561	116.0647	89.55
Si	80.5401	-80.5401	22.4975	116.1207	92.83
Si	78.0543	-56.1816	65.7618	116.2438	88.32
Si	-33.809	-80.5401	-74.4147	116.2463	92.72
Si	-71.0967	-61.1533	-65.7618	116.2687	86.65
Si	68.1109	63.1392	72.6842	116.2807	89.91
Si	60.6534	-75.5684	64.0313	116.3547	90.04
Si	78.5542	60.6534	-64.0313	116.3547	88.4
Si	-53.6957	78.5542	-67.4924	116.3592	87.64
Si	-63.1392	81.0401	-55.3784	116.4982	89.98
Si	43.7524	80.5401	74.4147	116.4984	92.35
Si	-13.9222	-80.5401	-81.337	116.5451	83.09
Si	-48.2241	-78.0543	69.223	116.582	90.08
Si	-73.0826	81.0401	-41.5338	116.6804	92.39
Si	76.0684	81.0401	41.5338	116.6804	93.85
Si	76.0684	-78.0543	41.5338	116.6804	92.85
Si	56.1816	-68.1109	-76.1453	116.7632	91.29
Si	-48.724	-65.6251	-81.337	116.8001	90.03
Si	63.6392	70.5968	-70.9536	116.9269	93.49
Si	-81.0401	-21.3797	-79.6064	116.9275	90.06
Si	-70.5968	50.7099	-77.8759	116.9782	93.5
Si	80.5401	-35.7948	77.8759	117.0619	90.1
Si	-50.7099	-68.6109	-77.8759	117.0655	90.51
Si	-73.5825	-70.5968	-53.6478	117.0954	88.69
Si	-68.6109	-55.6816	-74.4147	117.1368	86.48
Si	-68.6109	78.5542	-53.6478	117.1797	90.56
Si	-68.6109	-45.7383	-81.337	117.3074	88.15
Si	-68.6109	48.724	-81.337	117.3074	92.97
Si	-71.0967	58.1675	72.6842	117.3211	89.71
Si	61.1533	81.0401	62.3007	117.3392	90.18
Si	-70.5968	45.7383	81.337	117.3468	90.68
Si	78.5542	80.5401	39.8032	117.3508	94.22
Si	-76.0684	-36.2948	-79.6064	117.3919	88.17
Si	-71.0967	48.2241	79.6064	117.4319	90.21

Si	-81.0401	53.1958	65.7618	117.5139	84.65
Si	-43.7524	-80.5401	70.9536	117.5201	90.1
Si	-63.1392	-68.1109	69.223	117.5322	91.3
Si	76.0684	-48.2241	76.1453	117.6069	91.15
Si	68.6109	70.5968	67.4924	117.6239	89.03
Si	-80.5401	-63.6392	53.6478	117.6847	87.11
Si	81.0401	81.0401	34.6115	117.7008	92.34
Si	78.0543	-76.0684	-44.995	117.9065	92.1
Si	80.5401	-30.8231	-81.337	117.9343	93.52
Si	61.1533	-73.0826	69.223	117.9521	89.31
Si	-58.1675	76.0684	69.223	117.9521	90.15
Si	-73.5825	48.724	77.8759	118.0329	90.68
Si	-73.5825	-45.7383	77.8759	118.0329	88.82
Si	-60.6534	-78.5542	60.5701	118.0612	88.63
Si	-75.5684	45.7383	-77.8759	118.1556	94.56
Si	63.1392	78.0543	65.7618	118.2647	89.66
Si	-45.7383	80.5401	74.4147	118.3926	90.48
Si	-66.125	73.0826	65.7618	118.414	88.39
Si	78.0543	-41.2665	-79.6064	118.4365	90.11
Si	75.5684	-65.6251	64.0313	118.7098	91.74
Si	43.2524	-76.0684	79.6064	118.7299	91.21
Si	-78.0543	-28.3373	83.0676	118.8185	91.78
Si	78.0543	-81.0401	38.0727	118.8397	92.22
Si	-78.0543	-43.2524	76.1453	118.8613	89.76
Si	-76.0684	63.1392	-65.7618	118.9144	90.38
Si	78.5542	65.6251	-64.0313	118.9596	88.72
Si	66.125	66.125	-76.1453	118.9652	93.03
Si	33.309	-81.0401	-79.6064	119.0006	92.89
Si	-60.6534	-63.6392	-77.8759	119.0336	90.03
Si	-65.6251	-58.6675	-77.8759	119.1165	87.02
Si	63.6392	80.5401	-64.0313	119.2083	91.68
Si	-81.0401	-31.3231	-79.6064	119.2718	92.19
Si	-48.724	-80.5401	70.9536	119.5223	88.35
Si	60.6534	-80.5401	64.0313	119.7054	89.75
Si	56.1816	76.0684	-76.1453	119.7934	90.87
Si	55.6816	78.5542	-74.4147	120.0518	91.27
Si	-80.5401	-38.7807	-77.8759	120.0668	90.09
Si	-65.6251	80.5401	60.5701	120.0917	88.56
Si	78.5542	50.7099	-77.8759	120.1059	90.14
Si	-81.0401	-56.1816	65.7618	120.2608	87.79
Si	-73.0826	-43.2524	83.0676	120.2658	89.76
Si	78.0543	-56.1816	-72.6842	120.2954	87.43
Si	-68.1109	-68.1109	69.223	120.3379	91.07
Si	71.0967	-68.1109	-69.223	120.3379	90.33
Si	-75.5684	-53.6957	74.4147	120.5064	89.47
Si	-76.0684	78.0543	-51.9173	120.7179	92.21
Si	-76.0684	78.0543	51.9173	120.7179	91.31
Si	-48.2241	-78.0543	76.1453	120.8207	90.4
Si	78.5542	65.6251	67.4924	120.8578	85.45
Si	60.6534	68.6109	-81.337	120.9152	89.5
Si	68.1109	78.0543	-65.7618	120.9307	91.02
Si	-58.1675	-63.1392	83.0676	120.983	91.56
Si	43.7524	80.5401	81.337	121.0373	91.77
Si	68.1109	-61.1533	-79.6064	121.2423	86.42
Si	70.5968	63.6392	77.8759	121.2524	89.74
Si	48.724	-78.5542	-77.8759	121.2558	88.8
Si	-55.6816	-78.5542	-70.9536	121.2884	89.91
Si	56.1816	71.0967	83.0676	121.391	89.5
Si	75.5684	-70.5968	64.0313	121.5899	91.86
Si	-68.6109	-55.6816	-81.337	121.6519	87.26
Si	-65.6251	-63.6392	-77.8759	121.7031	88.44
Si	58.6675	75.5684	-77.8759	121.7406	91.64

Si	75.5684	53.6957	-81.337	121.7704	90.56
Si	-61.1533	-66.125	79.6064	121.7946	91.02
Si	-81.0401	-76.0684	-44.995	121.8688	93.47
Si	-53.6957	73.5825	-81.337	121.8951	90.99
Si	73.5825	-58.6675	-77.8759	121.987	86.74
Si	-58.6675	73.5825	77.8759	121.987	90.52
Si	43.2524	-81.0401	79.6064	122.0358	92.84
Si	-58.6675	-80.5401	-67.4924	122.0816	89.15
Si	-76.0684	-66.125	-65.7618	122.117	85.73
Si	-73.0826	-58.1675	-76.1453	122.1433	87.83
Si	81.0401	76.0684	55.3784	122.2949	90.67
Si	78.5542	50.7099	81.337	122.3784	89.32
Si	68.6109	-78.5542	-64.0313	122.525	90.39
Si	75.5684	68.6109	70.9536	122.5823	86.47
Si	63.6392	-73.5825	74.4147	122.6215	88.74
Si	-53.6957	-75.5684	77.8759	122.6739	92.55
Si	-55.6816	80.5401	74.4147	122.6986	89.45
Si	-61.1533	-81.0401	-65.7618	122.7227	89.45
Si	56.1816	-78.0543	-76.1453	122.9501	90.93
Si	-70.5968	-68.6109	-70.9536	123.0685	87.38
Si	53.6957	-78.5542	-77.8759	123.2775	90.47
Si	-43.2524	-78.0543	83.0676	123.4104	91.05
Si	75.5684	73.5825	-67.4924	123.4477	89.07
Si	-73.5825	78.5542	-60.5701	123.4646	90.98
Si	-75.5684	70.5968	67.4924	123.5679	89.95
Si	81.0401	-63.1392	69.223	123.6806	90.76
Si	66.125	-78.0543	-69.223	123.6806	90.7
Si	-80.5401	45.7383	81.337	123.7044	90.03
Si	73.5825	60.6534	81.337	123.744	89.82
Si	73.0826	-81.0401	-58.8396	124.0922	90.2
Si	-71.0967	63.1392	79.6064	124.1237	92.31
Si	58.1675	78.0543	79.6064	124.1404	89.63
Si	78.0543	58.1675	79.6064	124.1404	88.77
Si	-80.5401	80.5401	-50.1867	124.4853	91.35
Si	-65.6251	75.5684	74.4147	124.6176	90.13
Si	-73.0826	-63.1392	76.1453	124.6472	90.15
Si	-76.0684	58.1675	79.6064	124.7596	90.14
Si	80.5401	58.6675	77.8759	124.8281	89.8
Si	78.5542	-53.6957	81.337	124.8998	89.4
Si	-73.5825	78.5542	64.0313	125.199	88.98
Si	-71.0967	73.0826	-72.6842	125.2091	91.58
Si	-73.5825	-65.6251	-74.4147	125.2146	86.75
Si	68.6109	-73.5825	74.4147	125.2146	86.29
Si	81.0401	-58.1675	76.1453	125.2407	88.2
Si	-58.1675	-78.0543	76.1453	125.2407	89.49
Si	-70.5968	75.5684	-70.9536	125.3735	89.45
Si	81.0401	-78.0543	55.3784	125.3885	90.82
Si	-80.5401	50.7099	81.337	125.5685	89
Si	-78.0543	-73.0826	62.3007	125.5812	90.29
Si	-71.0967	-71.0967	72.6842	125.7835	88.25
Si	-70.5968	-73.5825	-70.9536	125.9669	87.69
Si	-68.6109	78.5542	70.9536	126.0452	89.72
Si	68.1109	73.0826	79.6064	126.0961	89.14
Si	-63.1392	-68.1109	83.0676	126.1833	90.25
Si	-70.5968	65.6251	81.337	126.1965	91.07
Si	-81.0401	-51.2099	-79.6064	126.2001	90.73
Si	-61.1533	-81.0401	-72.6842	126.5671	87.8
Si	-66.125	73.0826	-79.6064	126.6272	91.87
Si	-66.125	73.0826	79.6064	126.6272	91.5
Si	-63.6392	73.5825	-81.337	126.7076	92.31
Si	65.6251	-75.5684	77.8759	126.9489	85.97
Si	-61.1533	78.0543	79.6064	126.9779	92.32

Si	-75.5684	-58.6675	81.337	127.1748	88.02
Si	-73.0826	71.0967	-76.1453	127.2961	90.97
Si	-76.0684	-61.1533	79.6064	127.5833	91.57
Si	-81.0401	-81.0401	-51.9173	127.745	91.56
Si	63.6392	-78.5542	-77.8759	127.8059	89.54
Si	-71.0967	-81.0401	-65.7618	128.0842	89.04
Si	73.0826	-76.0684	-72.6842	128.1555	89.02
Si	-71.0967	73.0826	79.6064	129.3504	91.92
Si	75.5684	-80.5401	-67.4924	129.5061	89.46
Si	78.5542	-63.6392	81.337	129.6007	87.06
Si	-78.5542	63.6392	-81.337	129.9439	90.21
Si	65.6251	-80.5401	77.8759	130.0269	88.08
Si	80.5401	-70.5968	-74.4147	130.3186	85.94
Si	78.0543	78.0543	-72.6842	130.4081	88.91
Si	-81.0401	-81.0401	-58.8396	130.7115	92.22
Si	-75.5684	70.5968	81.337	131.6416	92.63
Si	66.125	81.0401	83.0676	131.9291	87.72
Si	-80.5401	80.5401	67.4924	132.4127	90.95
Si	-70.5968	-78.5542	-77.8759	132.9252	88.63
Si	-73.0826	81.0401	-76.1453	132.9939	89.11
Si	81.0401	-73.0826	76.1453	132.9939	90.61
Si	-80.5401	80.5401	-70.9536	134.2099	86.69
Si	73.0826	-81.0401	79.6064	135.1812	87.24
Si	-76.0684	-76.0684	-79.6064	135.5312	90.02
Si	-78.5542	-75.5684	77.8759	135.6858	91.76
Si	-75.5684	80.5401	81.337	137.1227	89.73
Si	75.5684	-80.5401	-81.337	137.2309	87.83

Table S17. Coordinates and polarizations calculated for the third fused quartz structure

	x / Å	y / Å	z / Å	*d* / Å	I_{on}
e	1.4929	1.4929	0		
Si	3.9787	0.993	5.1917	5.777833	1700.07
Si	6.4646	-3.4788	0	7.031046	1317.99
Si	8.4505	3.4788	-3.4611	8.020695	1163.67
Si	-3.4788	-3.4788	6.9223	9.866805	1101.87
Si	6.4646	6.4646	-6.9223	9.866805	1159.63
Si	6.4646	6.4646	6.9223	9.866805	1263.19
Si	10.9363	3.9787	1.7306	9.917312	1172.82
Si	-8.4505	1.4929	0	9.9434	932.56
Si	1.4929	-8.4505	0	9.9434	1155.92
Si	-6.4646	8.4505	-3.4611	11.12248	829.09
Si	1.4929	11.4363	6.9223	12.11567	1040.35
Si	11.4363	1.4929	-6.9223	12.11567	1156.88
Si	1.4929	-8.4505	6.9223	12.11567	1134.03
Si	8.9505	5.9646	-8.6529	12.26718	1159.08
Si	0.993	13.9222	1.7306	12.5591	1021.81
Si	13.4222	3.4788	-3.4611	12.57901	1153.35
Si	-0.993	5.9646	12.114	13.15012	974.63
Si	13.9222	5.9646	-1.7306	13.32208	1153.23
Si	-3.9787	-10.9363	1.7306	13.69015	1095.29
Si	8.9505	-8.9505	5.1917	13.84314	1179.51
Si	-5.9646	-8.9505	5.1917	13.84314	1091.23
Si	-3.4788	1.4929	13.8446	14.71023	940.06
Si	3.9787	15.908	-1.7306	14.72993	1013.46
Si	-3.9787	-5.9646	-12.114	15.24151	781.27
Si	8.9505	-8.9505	-8.6529	15.47743	888.81
Si	3.9787	15.908	5.1917	15.52192	1023.96
Si	13.9222	10.9363	-1.7306	15.70541	1121.49
Si	3.9787	-13.9222	-1.7306	15.70981	1110.41

Si	16.408	-3.4788	0	15.7219	986.07
Si	-10.9363	5.9646	-8.6529	15.79098	758.05
Si	-3.9787	13.9222	8.6529	16.10271	984.73
Si	-8.9505	3.9787	-12.114	16.18619	753.13
Si	15.908	-5.9646	1.7306	16.32196	986.09
Si	10.9363	13.9222	-5.1917	16.4505	1085.12
Si	3.9787	-3.9787	-15.5752	16.69444	782.11
Si	-3.9787	-0.993	15.5752	16.69444	939.6
Si	3.9787	15.908	-8.6529	16.99553	949.53
Si	-3.4788	-13.4222	-6.9223	17.17837	878.99
Si	-8.9505	8.9505	-12.114	17.64733	752.49
Si	3.4788	-1.4929	-17.3058	17.67336	784.3
Si	-13.9222	-0.993	8.6529	17.85148	886.7
Si	-13.9222	8.9505	-5.1917	17.89393	767.07
Si	-11.4363	-6.4646	10.3835	18.39299	896.08
Si	-0.993	-8.9505	-15.5752	18.91637	775.75
Si	-6.4646	3.4788	17.3058	19.15084	917.18
Si	3.4788	-6.4646	-17.3058	19.15084	780.73
Si	-0.993	20.8798	-1.7306	19.62204	970.95
Si	0.993	13.9222	15.5752	19.93294	898.24
Si	18.3939	3.4788	10.3835	19.93499	713.55
Si	-1.4929	18.3939	-10.3835	20.05928	878.86
Si	18.3939	-1.4929	-10.3835	20.05928	877.61
Si	-8.9505	8.9505	15.5752	20.1808	871.46
Si	-8.9505	13.9222	-12.114	20.25585	758.31
Si	5.9646	-10.9363	15.5752	20.42226	855.91
Si	13.4222	3.4788	-17.3058	21.11258	728.14
Si	-10.9363	-13.9222	-8.6529	21.60977	765.92
Si	-13.9222	13.9222	8.6529	21.60977	753.46
Si	-3.4788	21.3797	6.9223	21.6361	920.75
Si	-3.4788	-18.3939	6.9223	21.6361	969.86
Si	5.9646	-15.908	-12.114	21.66886	768.59
Si	-1.4929	-11.4363	17.3058	21.80753	804.94
Si	-13.4222	16.408	-6.9223	22.19997	759.85
Si	23.3656	-1.4929	-3.4611	22.34524	818.79
Si	23.8655	0.993	-1.7306	22.44505	820.3
Si	-5.9646	15.908	-15.5752	22.49439	761.52
Si	15.908	-10.9363	-12.114	22.56175	777.26
Si	15.908	18.8939	1.7306	22.6624	779.16
Si	-15.908	15.908	-1.7306	22.6624	757.34
Si	-11.4363	8.4505	-17.3058	22.69496	705.82
Si	-10.9363	0.993	19.0363	22.74023	876.23
Si	3.9787	20.8798	12.114	22.9952	898.43
Si	-6.4646	-11.4363	17.3058	23.02119	799.89
Si	20.8798	-10.9363	1.7306	23.09396	818.09
Si	8.9505	-13.9222	-15.5752	23.14789	766.63
Si	-5.9646	-13.9222	-15.5752	23.14789	722.65
Si	-8.4505	21.3797	6.9223	23.28678	912.91
Si	18.8939	-13.9222	-1.7306	23.31119	815.42
Si	-21.3797	-1.4929	3.4611	23.32489	794.98
Si	0.993	18.8939	15.5752	23.3587	893.29
Si	-18.8939	8.9505	8.6529	23.36893	742.05
Si	11.4363	6.4646	-20.7669	23.55532	721.45
Si	-3.4788	11.4363	20.7669	23.55532	833.24
Si	-10.9363	-18.8939	-1.7306	23.93952	776.71
Si	18.8939	15.908	-8.6529	24.19632	724.73
Si	18.3939	3.4788	17.3058	24.2709	678.69
Si	-16.408	-11.4363	10.3835	24.40128	815.77
Si	-10.9363	20.8798	-8.6529	24.60098	758.29
Si	20.8798	13.9222	8.6529	24.60098	668.4
Si	-16.408	3.4788	-17.3058	24.97749	678.76
Si	-10.9363	-8.9505	19.0363	25.01863	800

Si	13.4222	23.3656	-3.4611	25.15358	771.17
Si	18.3939	8.4505	-17.3058	25.17024	678.53
Si	-11.4363	-11.4363	-17.3058	25.17573	686.66
Si	18.3939	-6.4646	-17.3058	25.46477	727.86
Si	3.9787	-23.8655	-1.7306	25.5387	746.94
Si	-16.408	-16.408	3.4611	25.5512	789.68
Si	-13.4222	1.4929	20.7669	25.56803	872.97
Si	-6.4646	3.4788	-24.2281	25.57859	632.5
Si	-8.9505	-15.908	15.5752	25.58208	785.65
Si	-18.3939	16.408	6.9223	25.80433	744.79
Si	-20.8798	5.9646	12.114	25.8318	742.04
Si	20.8798	8.9505	15.5752	25.96249	677.18
Si	8.9505	20.8798	-15.5752	25.96249	716.48
Si	-13.4222	6.4646	-20.7669	26.04692	692.6
Si	16.408	-3.4788	-20.7669	26.04692	723.09
Si	-18.3939	11.4363	13.8446	26.19216	736.83
Si	21.3797	11.4363	-13.8446	26.19216	663.12
Si	26.3514	-3.4788	6.9223	26.27891	707.39
Si	26.3514	-3.4788	-6.9223	26.27891	798.19
Si	-21.3797	-6.4646	10.3835	26.34945	810.19
Si	-15.908	-3.9787	19.0363	26.36501	822.46
Si	-6.4646	8.4505	24.2281	26.43347	826.58
Si	-3.9787	3.9787	-25.9586	26.64523	633.72
Si	25.8515	-10.9363	1.7306	27.4011	797.06
Si	16.408	11.4363	-20.7669	27.43348	677.84
Si	11.4363	16.408	20.7669	27.43348	724.53
Si	-15.908	10.9363	19.0363	27.4655	723.23
Si	-20.8798	5.9646	-15.5752	27.62459	657.4
Si	15.908	-5.9646	22.4975	27.74072	537.58
Si	13.9222	-8.9505	-22.4975	27.74322	719.12
Si	25.8515	-10.9363	-5.1917	27.83486	778.22
Si	21.3797	21.3797	0	28.12418	733
Si	-18.8939	-15.908	8.6529	28.16531	799.7
Si	-15.908	-18.8939	-8.6529	28.16531	732.2
Si	-15.908	0.993	-22.4975	28.44608	676.13
Si	-23.3656	1.4929	-13.8446	28.45379	646.73
Si	-6.4646	-11.4363	-24.2281	28.59169	677.28
Si	-25.8515	0.993	-8.6529	28.68511	634
Si	3.4788	-21.3797	-17.3058	28.75045	686.63
Si	13.9222	0.993	25.9586	28.78517	553.1
Si	-5.9646	-18.8939	19.0363	28.87242	769.94
Si	-23.3656	6.4646	13.8446	28.88487	739.62
Si	-3.4788	-23.3656	-13.8446	28.88487	637.32
Si	-1.4929	28.3373	-10.3835	28.93705	707.11
Si	-21.3797	-16.408	-3.4611	29.25026	735.43
Si	13.4222	13.4222	-24.2281	29.52312	671.29
Si	18.3939	23.3656	-10.3835	29.52753	674.48
Si	28.3373	13.4222	-3.4611	29.57887	617.98
Si	-13.4222	-13.4222	-20.7669	29.60042	681.66
Si	28.3373	8.4505	10.3835	29.61159	650.58
Si	5.9646	-20.8798	-19.0363	29.71387	689.75
Si	11.4363	6.4646	27.6892	29.83757	552.39
Si	-0.993	5.9646	-29.4198	29.86134	628.73
Si	28.3373	-6.4646	-10.3835	29.86235	776.24
Si	13.9222	20.8798	19.0363	29.87839	724.35
Si	-20.8798	-3.9787	19.0363	29.8807	808.02
Si	25.8515	-10.9363	-12.114	29.90945	762.33
Si	25.8515	13.9222	-12.114	29.90945	646.38
Si	-10.9363	-13.9222	-22.4975	29.97076	681.27
Si	-1.4929	-16.408	-24.2281	30.27137	673.89
Si	30.8231	8.9505	1.7306	30.31293	637.43
Si	8.4505	18.3939	-24.2281	30.34881	651.66

Si	-11.4363	-11.4363	-24.2281	30.35337	681.46
Si	-18.3939	11.4363	20.7669	30.42401	720.61
Si	-26.3514	8.4505	-10.3835	30.52097	606.56
Si	-6.4646	18.3939	24.2281	30.59353	660.56
Si	-6.4646	18.3939	-24.2281	30.59353	571.08
Si	30.8231	-0.993	8.6529	30.68086	691.26
Si	18.8939	-23.8655	-1.7306	30.80323	615.95
Si	-28.8373	-0.993	-5.1917	30.87153	630.12
Si	-11.4363	-26.3514	3.4611	30.89416	665.99
Si	-18.8939	18.8939	15.5752	30.99998	721.72
Si	25.8515	-0.993	-19.0363	31.01452	631.48
Si	31.3231	6.4646	6.9223	31.02381	649.27
Si	-16.408	-6.4646	-24.2281	31.15706	676.55
Si	31.3231	-8.4505	0	31.44379	746.4
Si	23.8655	-18.8939	-8.6529	31.48059	679.75
Si	3.9787	-28.8373	-8.6529	31.6381	612.91
Si	-10.9363	30.8231	-1.7306	31.90211	588.15
Si	-15.908	-23.8655	-8.6529	31.94865	727.72
Si	3.4788	8.4505	31.1504	31.97962	530.91
Si	3.4788	33.309	3.4611	32.06536	566.37
Si	26.3514	16.408	13.8446	32.12597	622.05
Si	-3.9787	23.8655	22.4975	32.19644	644.29
Si	-28.3373	11.4363	-6.9223	32.19674	605.01
Si	31.3231	-8.4505	6.9223	32.19674	712.39
Si	-13.9222	-15.908	22.4975	32.35047	739.76
Si	1.4929	-23.3656	20.7669	32.3915	607.43
Si	13.4222	-16.408	-24.2281	32.39983	682.77
Si	-26.3514	-11.4363	-10.3835	32.40811	633.5
Si	23.3656	23.3656	-10.3835	32.62891	671.57
Si	23.3656	23.3656	10.3835	32.62891	622.88
Si	6.4646	-23.3656	20.7669	32.77083	601.58
Si	23.3656	-1.4929	-24.2281	32.77695	622.13
Si	-16.408	-11.4363	24.2281	32.78117	739.91
Si	-11.4363	-16.408	24.2281	32.78117	737.23
Si	-16.408	-11.4363	-24.2281	32.78117	678.4
Si	-18.8939	13.9222	22.4975	32.80613	723.21
Si	3.9787	15.908	-29.4198	32.85574	618.99
Si	1.4929	31.3231	13.8446	32.88638	623.98
Si	-13.4222	11.4363	-27.6892	32.9852	601.32
Si	-13.4222	-8.4505	-27.6892	32.9852	675.14
Si	-8.4505	16.408	27.6892	32.9852	656.43
Si	3.9787	-18.8939	25.9586	33.10059	608.81
Si	10.9363	-20.8798	22.4975	33.10363	601.14
Si	-13.9222	-20.8798	-19.0363	33.1744	694.41
Si	30.8231	3.9787	15.5752	33.30209	642.48
Si	-28.3373	16.408	0	33.35118	570.82
Si	28.3373	18.3939	-10.3835	33.37786	641.13
Si	20.8798	-20.8798	15.5752	33.45103	502.11
Si	-6.4646	23.3656	-24.2281	33.59666	563.65
Si	-8.9505	-10.9363	29.4198	33.60169	721.72
Si	-26.3514	-6.4646	17.3058	33.73597	779.24
Si	-16.408	-21.3797	-17.3058	33.80957	697.37
Si	-23.8655	-20.8798	1.7306	33.86121	735.15
Si	-23.3656	11.4363	-20.7669	33.88334	588.8
Si	-16.408	28.3373	-10.3835	33.89513	651.94
Si	20.8798	-25.8515	-5.1917	33.91928	613.18
Si	-25.8515	20.8798	5.1917	33.91928	599.11
Si	-5.9646	-13.9222	-29.4198	34.0406	664.16
Si	-13.4222	31.3231	6.9223	34.06199	513.07
Si	1.4929	21.3797	27.6892	34.09071	568.06
Si	28.3373	13.4222	-17.3058	34.09427	621.92
Si	8.9505	-3.9787	32.8809	34.15712	491.65

Si	-28.3373	11.4363	-13.8446	34.35673	602.3
Si	31.3231	-8.4505	-13.8446	34.35673	765.36
Si	18.8939	-23.8655	-15.5752	34.47361	606.81
Si	-23.8655	18.8939	15.5752	34.47361	718.85
Si	18.8939	30.8231	5.1917	34.49653	601.17
Si	-25.8515	-18.8939	5.1917	34.50054	733.9
Si	-20.8798	5.9646	25.9586	34.55983	709.72
Si	26.3514	21.3797	13.8446	34.71459	622.55
Si	23.3656	28.3373	3.4611	34.79966	608.88
Si	-20.8798	15.908	-22.4975	34.84922	578.64
Si	30.8231	3.9787	-19.0363	35.0546	600.62
Si	-31.3231	13.4222	3.4611	35.08814	563.48
Si	23.3656	-11.4363	24.2281	35.10809	479.47
Si	-23.3656	-23.3656	0	35.15523	735.04
Si	-21.3797	13.4222	24.2281	35.39015	721.75
Si	13.4222	13.4222	-31.1504	35.42543	624.16
Si	35.7948	-0.993	8.6529	35.46372	687.87
Si	25.8515	-15.908	-19.0363	35.47554	656.91
Si	25.8515	18.8939	-19.0363	35.47554	607.87
Si	35.7948	8.9505	-5.1917	35.48511	584.12
Si	26.3514	-13.4222	20.7669	35.66047	480.63
Si	-13.4222	-23.3656	20.7669	35.66047	697.84
Si	5.9646	-25.8515	22.4975	35.69098	602.85
Si	28.8373	5.9646	-22.4975	35.69098	599.37
Si	10.9363	33.809	-12.114	35.78066	553.14
Si	-8.4505	1.4929	-34.6115	36.01149	558.14
Si	18.8939	-28.8373	-8.6529	36.02198	607.65
Si	-23.8655	-10.9363	22.4975	36.10642	733.65
Si	16.408	-28.3373	-13.8446	36.11058	601.29
Si	-33.809	8.9505	1.7306	36.12244	558.14
Si	28.3373	18.3939	17.3058	36.13523	622.24
Si	8.9505	35.7948	-8.6529	36.15399	553.38
Si	-13.9222	-30.8231	-5.1917	36.17879	691.81
Si	33.309	18.3939	-3.4611	36.19237	589.39
Si	-23.8655	-0.993	-25.9586	36.37417	600.25
Si	15.908	33.809	8.6529	36.42795	590.46
Si	-5.9646	-33.809	5.1917	36.45257	598.28
Si	8.9505	-33.809	5.1917	36.45257	507.44
Si	35.7948	3.9787	-12.114	36.46304	583.85
Si	-18.3939	31.3231	6.9223	36.51361	510.73
Si	35.7948	-10.9363	1.7306	36.5254	729.39
Si	-16.408	-6.4646	-31.1504	36.79821	671.73
Si	11.4363	36.2948	6.9223	36.85053	584.29
Si	11.4363	36.2948	-6.9223	36.85053	552.5
Si	30.8231	23.8655	1.7306	36.92958	596
Si	23.8655	0.993	-29.4198	36.96362	597.96
Si	-28.8373	-15.908	-12.114	37.00623	633.42
Si	-6.4646	28.3373	-24.2281	37.02623	555.07
Si	3.9787	30.8231	-22.4975	37.04834	552.89
Si	-1.4929	38.2807	3.4611	37.0707	559.8
Si	8.9505	0.993	-36.3421	37.10272	540.91
Si	-33.809	-5.9646	8.6529	37.10401	561.57
Si	-20.8798	20.8798	-22.4975	37.18228	570.09
Si	-1.4929	-31.3231	-17.3058	37.21954	563.44
Si	1.4929	-33.309	13.8446	37.45458	536.11
Si	-5.9646	-3.9787	-36.3421	37.50068	557.44
Si	0.993	-30.8231	-19.0363	37.50945	562.67
Si	5.9646	38.7807	1.7306	37.59478	560.65
Si	3.9787	10.9363	-36.3421	37.63117	573.29
Si	-35.7948	0.993	5.1917	37.65077	537.68
Si	8.9505	30.8231	-22.4975	37.70961	552.47
Si	18.3939	-11.4363	31.1504	37.72469	475.62

Si	-11.4363	18.3939	31.1504	37.72469	642.1
Si	-35.7948	-3.9787	-1.7306	37.72678	549.05
Si	-31.3231	8.4505	-17.3058	37.74635	599.43
Si	-3.4788	-33.309	13.8446	37.78311	539.21
Si	-10.9363	-33.809	5.1917	37.7844	598.35
Si	-6.4646	38.2807	-3.4611	37.7974	556.85
Si	33.809	-13.9222	12.114	37.79816	582.7
Si	-21.3797	-16.408	24.2281	37.82323	716.45
Si	-0.993	-28.8373	-22.4975	37.84486	562.79
Si	36.2948	16.408	0	37.86334	588.23
Si	-6.4646	-31.3231	-17.3058	37.94339	565.11
Si	26.3514	21.3797	-20.7669	38.00913	605.29
Si	-25.8515	-3.9787	25.9586	38.09859	738.34
Si	33.309	13.4222	17.3058	38.13216	613.72
Si	-20.8798	10.9363	-29.4198	38.14758	545.95
Si	3.4788	3.4788	38.0727	38.1761	483.61
Si	3.4788	-1.4929	38.0727	38.24115	482.59
Si	25.8515	-0.993	29.4198	38.27587	479.79
Si	-1.4929	-1.4929	38.0727	38.30609	484.24
Si	0.993	-10.9363	36.3421	38.41202	491.91
Si	31.3231	-18.3939	-13.8446	38.43174	654.48
Si	-18.3939	-28.3373	-13.8446	38.43174	700.89
Si	26.3514	-8.4505	27.6892	38.51633	478.23
Si	20.8798	28.8373	-19.0363	38.54796	566.11
Si	10.9363	33.809	-19.0363	38.67671	552.06
Si	35.7948	18.8939	-5.1917	38.81199	591.25
Si	10.9363	-35.7948	-5.1917	38.81377	554.24
Si	28.8373	10.9363	25.9586	38.86827	593.83
Si	-25.8515	10.9363	25.9586	38.86827	708.45
Si	8.9505	20.8798	32.8809	38.89241	498.33
Si	-23.8655	3.9787	29.4198	38.91984	707.19
Si	3.4788	-6.4646	-38.0727	38.94602	519.1
Si	-6.4646	3.4788	-38.0727	38.94602	556.72
Si	-8.4505	-13.4222	-34.6115	38.97804	652.95
Si	-6.4646	38.2807	-10.3835	39.04459	548.34
Si	30.8231	18.8939	-19.0363	39.05686	602.64
Si	30.8231	-15.908	-19.0363	39.05686	656.3
Si	-26.3514	-11.4363	24.2281	39.10841	731
Si	-18.8939	33.809	8.6529	39.17676	508.15
Si	0.993	38.7807	-12.114	39.20939	549.67
Si	3.9787	30.8231	25.9586	39.24657	493.95
Si	28.3373	-21.3797	-17.3058	39.28443	647.87
Si	-0.993	40.7666	-1.7306	39.39028	555.13
Si	18.8939	-33.809	-1.7306	39.39554	571.62
Si	5.9646	-35.7948	-12.114	39.46039	546.52
Si	-23.8655	8.9505	29.4198	39.54984	706.52
Si	13.9222	-8.9505	-36.3421	39.80322	560.31
Si	30.8231	8.9505	-25.9586	39.8714	594.04
Si	15.908	-15.908	-32.8809	39.89667	578.77
Si	1.4929	-18.3939	-34.6115	39.91793	525.26
Si	3.4788	33.309	24.2281	40.04006	494.47
Si	30.8231	-20.8798	15.5752	40.04229	503.9
Si	-36.2948	-11.4363	-3.4611	40.08808	540.4
Si	26.3514	-13.4222	-27.6892	40.08862	622.56
Si	28.8373	0.993	-29.4198	40.16823	594.45
Si	23.3656	-11.4363	31.1504	40.19855	476.57
Si	3.9787	-3.9787	39.8032	40.25438	482.62
Si	-13.9222	-15.908	-32.8809	40.26874	654.38
Si	16.408	36.2948	-13.8446	40.31508	551
Si	28.8373	-23.8655	-15.5752	40.41473	650.19
Si	13.4222	8.4505	-38.0727	40.49991	567.95
Si	8.4505	13.4222	-38.0727	40.49991	572.47

Si	-21.3797	33.309	10.3835	40.53685	508.37
Si	-26.3514	18.3939	24.2281	40.59492	691.25
Si	41.2665	6.4646	-6.9223	40.67647	569.14
Si	1.4929	31.3231	27.6892	40.70052	491.81
Si	38.2807	3.4788	17.3058	40.7035	596.39
Si	-31.3231	18.3939	-17.3058	40.76791	518.49
Si	-33.809	-5.9646	-19.0363	40.79482	490.42
Si	-3.4788	-33.309	-20.7669	40.8308	564.58
Si	-23.3656	26.3514	-20.7669	40.8308	554.72
Si	26.3514	-23.3656	-20.7669	40.8308	645.35
Si	18.8939	30.8231	-22.4975	40.85576	566.43
Si	-1.4929	-31.3231	-24.2281	40.89992	561.46
Si	10.9363	-0.993	-39.8032	40.98359	537.82
Si	-0.993	10.9363	39.8032	40.98359	484.75
Si	23.8655	35.7948	-1.7306	40.98968	511.56
Si	3.4788	28.3373	31.1504	41.16928	490.7
Si	3.9787	40.7666	12.114	41.17461	521.06
Si	-8.9505	3.9787	-39.8032	41.22547	556.53
Si	8.4505	38.2807	-17.3058	41.24608	548.51
Si	-38.7807	3.9787	8.6529	41.26755	534.28
Si	-31.3231	8.4505	24.2281	41.3799	694.85
Si	0.993	-30.8231	-25.9586	41.45391	563.44
Si	-6.4646	-31.3231	24.2281	41.55972	594.55
Si	-38.2807	11.4363	6.9223	41.57798	536.12
Si	28.3373	28.3373	-17.3058	41.72209	592.93
Si	33.309	13.4222	-24.2281	41.73213	591.65
Si	-28.8373	28.8373	8.6529	41.74331	501.66
Si	-35.7948	15.908	12.114	41.77227	537.6
Si	38.2807	18.3939	10.3835	41.79476	535.32
Si	1.4929	-3.4788	41.5338	41.8303	483.61
Si	-38.7807	8.9505	8.6529	41.86223	537.73
Si	-28.3373	-8.4505	-27.6892	41.89754	558.86
Si	11.4363	31.3231	27.6892	41.89754	481.29
Si	-8.4505	31.3231	-27.6892	41.89754	548.6
Si	43.2524	3.4788	-3.4611	41.94972	567.55
Si	43.2524	3.4788	3.4611	41.94972	572.35
Si	20.8798	18.8939	-32.8809	41.94995	571.49
Si	-23.8655	33.809	8.6529	41.97916	506.73
Si	-11.4363	33.309	-24.2281	42.02888	544.59
Si	38.7807	20.8798	-1.7306	42.06211	584.87
Si	1.4929	-38.2807	-13.8446	42.11428	543.25
Si	-38.2807	1.4929	13.8446	42.11428	537.28
Si	1.4929	-38.2807	13.8446	42.11428	533.83
Si	-3.4788	6.4646	-41.5338	42.12472	553.2
Si	8.4505	-36.2948	-17.3058	42.14033	545.09
Si	-23.8655	8.9505	-32.8809	42.18792	541.34
Si	-18.3939	26.3514	27.6892	42.19149	644.93
Si	-23.3656	21.3797	27.6892	42.19149	679.53
Si	26.3514	-18.3939	27.6892	42.19149	475.49
Si	8.4505	18.3939	-38.0727	42.23244	571.74
Si	28.3373	23.3656	-24.2281	42.26151	602.41
Si	-13.9222	-30.8231	22.4975	42.28578	607.05
Si	18.8939	-33.809	-15.5752	42.32729	574.05
Si	21.3797	-33.309	13.8446	42.40672	476.78
Si	13.4222	-31.3231	24.2281	42.49937	481.63
Si	18.8939	-23.8655	-29.4198	42.56016	603.01
Si	-16.408	-21.3797	31.1504	42.5904	609.89
Si	-21.3797	-16.408	31.1504	42.5904	659.76
Si	-13.4222	21.3797	34.6115	42.61339	631.1
Si	26.3514	1.4929	-34.6115	42.61339	584.54
Si	-11.4363	38.2807	-17.3058	42.6614	531.87
Si	-20.8798	0.993	-36.3421	42.67941	536.69

Si	0.993	28.8373	-32.8809	42.76819	541.62
Si	38.7807	15.908	-15.5752	42.90407	585.73
Si	23.8655	5.9646	-36.3421	42.91013	578.87
Si	40.7666	-10.9363	-12.114	42.93781	566.06
Si	-8.9505	13.9222	-39.8032	42.98658	530.86
Si	-3.4788	-8.4505	-41.5338	42.99588	535.27
Si	30.8231	28.8373	15.5752	43.01817	581.77
Si	28.8373	-3.9787	32.8809	43.11389	476.98
Si	-1.4929	43.2524	-10.3835	43.13452	547.2
Si	-13.9222	18.8939	36.3421	43.14121	632.79
Si	30.8231	23.8655	22.4975	43.20805	599.85
Si	13.4222	-36.2948	17.3058	43.24011	479.38
Si	3.9787	-38.7807	-15.5752	43.25187	545.34
Si	-0.993	-38.7807	-15.5752	43.25187	543.66
Si	-38.2807	11.4363	13.8446	43.2722	536.74
Si	36.2948	-23.3656	6.9223	43.32477	481.51
Si	-23.3656	-33.309	6.9223	43.32477	468.76
Si	13.9222	-23.8655	32.8809	43.34388	497.52
Si	31.3231	-13.4222	27.6892	43.34735	475.65
Si	-10.9363	30.8231	-29.4198	43.36212	546.88
Si	18.3939	-11.4363	38.0727	43.61576	473.19
Si	18.3939	-11.4363	-38.0727	43.61576	561.18
Si	28.3373	-31.3231	-10.3835	43.65006	610.78
Si	5.9646	-15.908	-39.8032	43.6702	512.61
Si	13.4222	-16.408	38.0727	43.72959	471.65
Si	11.4363	26.3514	34.6115	43.75811	493.59
Si	-16.408	33.309	-24.2281	43.81444	540.94
Si	33.809	20.8798	-22.4975	43.88979	591.61
Si	-5.9646	0.993	-43.2644	43.90525	555.44
Si	-30.8231	5.9646	-29.4198	43.93003	532.54
Si	-3.9787	33.809	29.4198	44.04304	487.84
Si	-13.4222	1.4929	41.5338	44.13068	500.13
Si	3.9787	30.8231	32.8809	44.1316	491.04
Si	-31.3231	-26.3514	-10.3835	44.27201	572.2
Si	-18.8939	33.809	22.4975	44.34053	527.84
Si	3.9787	20.8798	39.8032	44.34327	481.98
Si	-28.3373	31.3231	-13.8446	44.39994	508.17
Si	41.2665	21.3797	0	44.46824	585.2
Si	13.4222	-41.2665	3.4611	44.527	476.5
Si	-15.908	35.7948	-22.4975	44.55954	543.78
Si	10.9363	-35.7948	22.4975	44.5611	482.24
Si	21.3797	21.3797	34.6115	44.59737	457.3
Si	-0.993	-38.7807	19.0363	44.61525	529.84
Si	23.3656	-6.4646	-38.0727	44.62358	566.99
Si	-13.4222	41.2665	-13.8446	44.67743	528.96
Si	-13.4222	-38.2807	13.8446	44.67743	522.05
Si	-15.908	-8.9505	39.8032	44.67833	524.16
Si	-28.8373	-0.993	-32.8809	44.80237	536.79
Si	25.8515	38.7807	-5.1917	44.84049	508.12
Si	18.3939	-36.2948	17.3058	44.86695	478.97
Si	-36.2948	23.3656	-10.3835	44.87919	488.53
Si	10.9363	-40.7666	-12.114	44.96432	545.31
Si	-1.4929	3.4788	44.995	45.13762	478.72
Si	6.4646	-38.2807	-20.7669	45.14334	545.92
Si	-23.3656	16.408	34.6115	45.14821	629.25
Si	-18.8939	18.8939	36.3421	45.15705	630.16
Si	-8.9505	-40.7666	-12.114	45.18489	521.65
Si	5.9646	13.9222	43.2644	45.23592	477.41
Si	16.408	11.4363	-41.5338	45.23702	565.46
Si	11.4363	-13.4222	41.5338	45.23702	470.86
Si	-43.2524	1.4929	6.9223	45.27759	525.46
Si	43.7524	-13.9222	5.1917	45.28177	529.82

Si	43.2524	-1.4929	-17.3058	45.30187	520.64
Si	40.7666	-0.993	22.4975	45.32919	544.83
Si	-40.7666	-3.9787	-15.5752	45.36944	477.19
Si	-36.2948	-21.3797	10.3835	45.37491	507.77
Si	43.7524	15.908	-8.6529	45.48109	567.02
Si	-33.809	28.8373	8.6529	45.48413	500.54
Si	40.7666	-15.908	15.5752	45.69243	510.05
Si	3.4788	-6.4646	-44.995	45.73632	504.32
Si	18.8939	15.908	39.8032	45.76992	446.61
Si	33.309	-31.3231	3.4611	45.83812	465.45
Si	15.908	-35.7948	22.4975	45.87275	480.41
Si	38.7807	15.908	-22.4975	45.87275	589.35
Si	-20.8798	5.9646	39.8032	45.87841	509.37
Si	38.2807	-11.4363	-24.2281	45.90757	579.09
Si	-33.809	23.8655	-19.0363	45.92535	501.27
Si	-3.4788	-28.3373	-34.6115	45.9621	514.53
Si	-28.3373	6.4646	-34.6115	45.9621	530.82
Si	6.4646	-28.3373	-34.6115	45.9621	515.11
Si	-18.3939	1.4929	-41.5338	46.04934	530.02
Si	1.4929	-18.3939	-41.5338	46.04934	513.8
Si	8.4505	8.4505	44.995	46.05825	468.11
Si	-15.908	-13.9222	39.8032	46.09461	523.39
Si	33.309	13.4222	-31.1504	46.09682	575.72
Si	-30.8231	0.993	32.8809	46.10566	651.18
Si	20.8798	-35.7948	-19.0363	46.13684	569.8
Si	-43.7524	-5.9646	-5.1917	46.14869	483.02
Si	-5.9646	15.908	-43.2644	46.20841	532.62
Si	-40.7666	-8.9505	-15.5752	46.23322	477.28
Si	13.9222	-38.7807	19.0363	46.24745	479.6
Si	-28.3373	36.2948	-6.9223	46.35657	492.15
Si	11.4363	-43.2524	6.9223	46.35657	475.39
Si	11.4363	46.2382	6.9223	46.35657	462.88
Si	46.2382	-8.4505	6.9223	46.35657	525.36
Si	-20.8798	-38.7807	5.1917	46.36214	466.69
Si	10.9363	-35.7948	-25.9586	46.4048	548.16
Si	45.7383	8.9505	-12.114	46.47597	556.33
Si	-40.7666	20.8798	-1.7306	46.5264	484.22
Si	-38.7807	18.8939	15.5752	46.55468	535.55
Si	-38.7807	-15.908	15.5752	46.55468	493.77
Si	-38.2807	21.3797	-13.8446	46.57357	486.76
Si	16.408	-13.4222	-41.5338	46.58301	558.2
Si	38.7807	-8.9505	25.9586	46.61856	476.68
Si	0.993	18.8939	43.2644	46.63527	482
Si	38.2807	-21.3797	-17.3058	46.64748	602.89
Si	28.3373	38.2807	10.3835	46.70953	473.82
Si	28.3373	38.2807	-10.3835	46.70953	502.15
Si	35.7948	-20.8798	22.4975	46.72575	473.1
Si	25.8515	-0.993	-39.8032	46.7313	568.48
Si	45.7383	13.9222	8.6529	46.76547	498.06
Si	-10.9363	45.7383	-8.6529	46.76547	510.83
Si	-31.3231	-21.3797	24.2281	46.76584	484.8
Si	3.9787	0.993	46.7255	46.79427	478.26
Si	-41.2665	-6.4646	-17.3058	46.81001	478.36
Si	1.4929	46.2382	13.8446	46.83818	510.59
Si	1.4929	-43.2524	-13.8446	46.83818	539.73
Si	-38.2807	-23.3656	0	46.90292	537.22
Si	16.408	36.2948	27.6892	46.90761	470.53
Si	-0.993	45.7383	-15.5752	46.97251	546.7
Si	-11.4363	43.2524	17.3058	47.01605	477.27
Si	31.3231	-28.3373	-20.7669	47.0207	635.31
Si	-26.3514	-36.2948	3.4611	47.06586	463.54
Si	25.8515	-15.908	36.3421	47.08374	471.5

Si	-18.3939	-8.4505	41.5338	47.11064	525.22
Si	3.9787	40.7666	25.9586	47.14286	478.46
Si	38.2807	18.3939	-24.2281	47.18034	586.85
Si	28.3373	-6.4646	-38.0727	47.25961	568.08
Si	-13.4222	41.2665	-20.7669	47.2828	533.92
Si	-38.2807	26.3514	-6.9223	47.411	486.87
Si	-35.7948	30.8231	-1.7306	47.47246	484.83
Si	-45.7383	-3.9787	-1.7306	47.57852	481.91
Si	35.7948	3.9787	-32.8809	47.58107	571.81
Si	18.3939	33.309	31.1504	47.62617	470.15
Si	8.9505	-3.9787	46.7255	47.63222	470.1
Si	-3.9787	8.9505	-46.7255	47.63222	548.74
Si	38.7807	20.8798	-22.4975	47.6693	586.01
Si	16.408	46.2382	-6.9223	47.67096	482.42
Si	38.7807	30.8231	5.1917	47.72414	480.83
Si	-21.3797	43.2524	-3.4611	47.73878	494.04
Si	-8.9505	18.8939	43.2644	47.78768	527.33
Si	-28.3373	36.2948	13.8446	47.882	493.14
Si	36.2948	-28.3373	13.8446	47.882	469.57
Si	-18.8939	-0.993	43.2644	47.89159	502.33
Si	3.9787	-18.8939	-43.2644	47.89159	512.34
Si	18.3939	-36.2948	-24.2281	47.96408	552.33
Si	-28.8373	18.8939	-32.8809	47.9986	486.82
Si	-13.9222	-25.8515	36.3421	48.0217	531.46
Si	35.7948	8.9505	-32.8809	48.09775	572.82
Si	38.2807	3.4788	-31.1504	48.24552	573.36
Si	43.2524	18.3939	17.3058	48.2596	485.62
Si	15.908	33.809	-32.8809	48.30402	465.8
Si	-15.908	45.7383	-8.6529	48.32511	510.97
Si	-18.3939	-13.4222	41.5338	48.40456	524.04
Si	1.4929	-23.3656	-41.5338	48.40456	514.21
Si	26.3514	1.4929	-41.5338	48.40456	568.36
Si	8.9505	-8.9505	46.7255	48.45568	467.7
Si	-5.9646	-8.9505	46.7255	48.45568	484.94
Si	1.4929	41.2665	27.6892	48.46268	478.41
Si	5.9646	-25.8515	-39.8032	48.49749	513.67
Si	33.809	-23.8655	25.9586	48.59247	474.04
Si	48.2241	-11.4363	-3.4611	48.61017	475.09
Si	0.993	33.809	36.3421	48.6346	487.18
Si	-16.408	-31.3231	31.1504	48.65878	519.79
Si	-30.8231	35.7948	12.114	48.65902	493.01
Si	-3.4788	41.2665	27.6892	48.71703	475.5
Si	6.4646	41.2665	-27.6892	48.71703	475.43
Si	38.2807	33.309	3.4611	48.7605	481.42
Si	8.4505	43.2524	24.2281	48.77768	478.64
Si	25.8515	-40.7666	1.7306	48.80773	481.13
Si	-31.3231	28.3373	-24.2281	48.83145	499.18
Si	-28.8373	38.7807	8.6529	48.83817	491.76
Si	10.9363	-45.7383	8.6529	48.93703	474.58
Si	-28.8373	-10.9363	36.3421	48.94028	586.12
Si	3.9787	15.908	46.7255	48.96172	479.43
Si	-3.4788	6.4646	48.4561	48.96355	478.23
Si	-3.9787	-20.8798	43.2644	49.01306	492.8
Si	45.7383	18.8939	-12.114	49.06316	563.47
Si	13.9222	35.7948	32.8809	49.11481	472.15
Si	48.724	-8.9505	-8.6529	49.13977	472.38
Si	28.8373	10.9363	39.8032	49.20557	447.71
Si	-15.908	-38.7807	-22.4975	49.30404	465.28
Si	43.7524	-23.8655	-1.7306	49.31437	480.02
Si	-23.3656	26.3514	-34.6115	49.33403	482.61
Si	26.3514	-8.4505	41.5338	49.41531	462.85
Si	1.4929	-8.4505	-48.4561	49.4658	502.72

Si	-8.4505	41.2665	27.6892	49.47224	473.31
Si	38.7807	-28.8373	12.114	49.56858	471.44
Si	-43.2524	6.4646	20.7669	49.57947	534.8
Si	-35.7948	15.908	-29.4198	49.63564	474.42
Si	-41.2665	8.4505	24.2281	49.63641	536.33
Si	-43.7524	-5.9646	-19.0363	49.65007	477.64
Si	13.4222	38.2807	-31.1504	49.65878	466.89
Si	-26.3514	28.3373	-31.1504	49.66157	484.35
Si	3.9787	25.8515	-43.2644	49.71241	500.06
Si	-13.9222	-45.7383	1.7306	49.71318	447.45
Si	-8.4505	-3.4788	48.4561	49.71501	483.73
Si	11.4363	6.4646	48.4561	49.71501	465.83
Si	6.4646	11.4363	-48.4561	49.71501	508.52
Si	6.4646	-8.4505	48.4561	49.71501	468.95
Si	1.4929	-48.2241	0	49.717	461.11
Si	-28.3373	-38.2807	0	49.717	460.53
Si	38.7807	0.993	32.8809	49.71701	463.24
Si	48.724	0.993	-15.5752	49.73547	516.52
Si	-10.9363	45.7383	19.0363	49.74454	474.18
Si	8.9505	-13.9222	46.7255	49.76458	470.77
Si	5.9646	43.7524	-25.9586	49.79666	476.59
Si	21.3797	31.3231	34.6115	49.83254	471.03
Si	18.8939	30.8231	-36.3421	49.83777	466
Si	45.7383	23.8655	-5.1917	49.85118	564.56
Si	-45.7383	-8.9505	12.114	49.86577	455.68
Si	23.3656	-36.2948	24.2281	49.93319	463.6
Si	-18.8939	23.8655	-39.8032	50.00451	478.32
Si	20.8798	33.809	-32.8809	50.01332	467.55
Si	-23.8655	-40.7666	8.6529	50.03783	463.84
Si	-1.4929	23.3656	-44.995	50.11862	502.14
Si	-11.4363	-16.408	-44.995	50.12137	464.65
Si	-48.2241	1.4929	6.9223	50.1966	520.44
Si	43.2524	23.3656	-17.3058	50.21713	571.91
Si	-40.7666	20.8798	19.0363	50.24035	536
Si	-31.3231	23.3656	-31.1504	50.25584	484.44
Si	-15.908	-23.8655	39.8032	50.3005	529.77
Si	-26.3514	43.2524	-3.4611	50.31044	494.19
Si	-43.2524	11.4363	-20.7669	50.32174	472.95
Si	40.7666	-25.8515	15.5752	50.32613	470.37
Si	-23.8655	-35.7948	22.4975	50.39408	491.03
Si	33.809	-18.8939	32.8809	50.40934	467.49
Si	23.8655	35.7948	-29.4198	50.42502	468.05
Si	-3.4788	-48.2241	6.9223	50.44221	463.08
Si	-16.408	-26.3514	-38.0727	50.45071	426.89
Si	18.8939	20.8798	-43.2644	50.50197	486.58
Si	-21.3797	3.4788	44.995	50.51381	499.56
Si	3.4788	-21.3797	-44.995	50.51381	514.69
Si	-30.8231	-23.8655	-29.4198	50.52625	410.31
Si	-48.724	-0.993	-5.1917	50.54578	478.38
Si	-1.4929	-21.3797	-44.995	50.56299	512.78
Si	18.8939	35.7948	32.8809	50.60209	471.02
Si	35.7948	-15.908	-32.8809	50.60209	524.58
Si	-41.2665	28.3373	-3.4611	50.606	484.66
Si	-41.2665	28.3373	3.4611	50.606	482.66
Si	40.7666	-10.9363	29.4198	50.62044	477.64
Si	35.7948	-35.7948	1.7306	50.69512	465.56
Si	16.408	1.4929	48.4561	50.69964	460.62
Si	51.2099	11.4363	0	50.70159	499.45
Si	-30.8231	15.908	-36.3421	50.72347	487.95
Si	-13.9222	13.9222	-46.7255	50.74824	513.32
Si	-30.8231	30.8231	25.9586	50.77835	489.15
Si	-48.724	8.9505	1.7306	50.79717	477.01

Si	13.9222	50.7099	5.1917	51.02703	456.99
Si	-41.2665	23.3656	-17.3058	51.05164	486.86
Si	-5.9646	-43.7524	-22.4975	51.07723	479.55
Si	10.9363	3.9787	50.1867	51.12788	467.93
Si	31.3231	1.4929	-41.5338	51.13607	565.87
Si	-13.9222	48.724	-12.114	51.13859	510.09
Si	11.4363	-48.2241	6.9223	51.17196	474.64
Si	46.2382	-23.3656	0	51.18678	479.38
Si	23.8655	-43.7524	-8.6529	51.21074	481.35
Si	48.724	-3.9787	19.0363	51.21623	480.13
Si	-0.993	40.7666	32.8809	51.28113	479.51
Si	26.3514	-38.2807	20.7669	51.29472	461.27
Si	-8.9505	3.9787	50.1867	51.32197	479.41
Si	-28.8373	-30.8231	-25.9586	51.36239	414.26
Si	28.8373	5.9646	-43.2644	51.37622	559.28
Si	-33.809	-35.7948	1.7306	51.37696	456.47
Si	-3.4788	-28.3373	-41.5338	51.37719	511.93
Si	43.2524	-16.408	24.2281	51.49074	473.16
Si	-5.9646	-48.724	-8.6529	51.4998	478.25
Si	-18.8939	-5.9646	-46.7255	51.52193	451.62
Si	25.8515	-35.7948	-25.9586	51.55158	545.45
Si	-40.7666	20.8798	-22.4975	51.65121	479.33
Si	26.3514	-43.2524	-6.9223	51.65274	479.93
Si	-31.3231	13.4222	38.0727	51.6597	547.03
Si	11.4363	16.408	-48.4561	51.66551	508.4
Si	38.7807	-28.8373	19.0363	51.69793	468.78
Si	30.8231	43.7524	-5.1917	51.70182	492.86
Si	-40.7666	30.8231	5.1917	51.70182	482.26
Si	13.9222	0.993	-50.1867	51.7053	476.11
Si	3.9787	-48.724	12.114	51.71722	473.83
Si	48.724	20.8798	-8.6529	51.78324	562.13
Si	30.8231	-20.8798	36.3421	51.78364	469.36
Si	-8.9505	8.9505	50.1867	51.80136	479.53
Si	-5.9646	45.7383	25.9586	51.8374	471.77
Si	53.1958	3.4788	-3.4611	51.85666	493.97
Si	13.4222	-21.3797	-44.995	51.8653	505.87
Si	18.8939	15.908	46.7255	51.90245	440.87
Si	-15.908	15.908	46.7255	51.90245	502.73
Si	51.2099	16.408	0	51.90607	502.01
Si	43.7524	-13.9222	25.9586	51.93587	473.32
Si	23.8655	45.7383	-15.5752	51.96896	470.61
Si	-41.2665	18.3939	-24.2281	51.97123	479.82
Si	13.9222	-3.9787	-50.1867	51.99161	474.37
Si	43.7524	-18.8939	-22.4975	52.03477	559.55
Si	-43.7524	13.9222	22.4975	52.03609	535.9
Si	-1.4929	3.4788	-51.9173	52.04094	534.88
Si	-25.8515	10.9363	-43.2644	52.04515	505.12
Si	38.7807	0.993	-36.3421	52.07085	571.41
Si	-41.2665	-26.3514	10.3835	52.07194	501.08
Si	18.8939	-43.7524	19.0363	52.07982	470.61
Si	35.7948	38.7807	-12.114	52.09366	489.58
Si	31.3231	-8.4505	41.5338	52.09384	462.59
Si	48.2241	-21.3797	3.4611	52.14346	479.84
Si	-50.7099	0.993	-1.7306	52.23392	479.07
Si	8.4505	53.1958	3.4611	52.28363	454.03
Si	53.1958	8.4505	-3.4611	52.28363	496.47
Si	-35.7948	-3.9787	-36.3421	52.35515	507.57
Si	21.3797	-38.2807	-27.6892	52.38431	544.84
Si	-18.3939	-38.2807	27.6892	52.38431	512.34
Si	-18.3939	41.2665	27.6892	52.38431	467.13
Si	-11.4363	-46.2382	17.3058	52.3919	486.58
Si	-10.9363	-18.8939	46.7255	52.47266	502.07

Si	30.8231	-35.7948	22.4975	52.50501	459.7
Si	35.7948	-0.993	-39.8032	52.60323	567.84
Si	18.8939	25.8515	-43.2644	52.61119	485.54
Si	-3.4788	21.3797	48.4561	52.61365	478.84
Si	-43.2524	1.4929	-27.6892	52.61971	464.16
Si	3.9787	-48.724	-15.5752	52.63561	509.25
Si	-48.724	3.9787	15.5752	52.63561	523.79
Si	8.9505	-43.7524	25.9586	52.69343	465.96
Si	41.2665	1.4929	-34.6115	52.72471	570.55
Si	45.7383	28.8373	8.6529	52.72795	446.11
Si	8.9505	30.8231	-43.2644	52.79853	481.5
Si	6.4646	46.2382	-27.6892	52.85406	476.01
Si	10.9363	38.7807	36.3421	52.91788	472.04
Si	23.3656	38.2807	31.1504	52.93488	468.87
Si	3.4788	-26.3514	-44.995	52.95087	513.46
Si	-31.3231	-36.2948	-17.3058	52.95554	423.37
Si	-18.3939	-33.309	34.6115	52.9586	517.75
Si	-18.3939	36.2948	34.6115	52.9586	467.94
Si	3.4788	38.2807	38.0727	52.97936	483.06
Si	35.7948	38.7807	15.5752	53.00553	459.99
Si	-21.3797	-46.2382	-3.4611	53.04143	434.88
Si	-23.8655	18.8939	43.2644	53.08154	519.89
Si	50.7099	13.9222	15.5752	53.09793	457.25
Si	13.9222	50.7099	-15.5752	53.09793	458.14
Si	-31.3231	-26.3514	31.1504	53.12758	461.85
Si	-48.724	18.8939	1.7306	53.17452	471.04
Si	-20.8798	-33.809	32.8809	53.17811	516.8
Si	33.809	40.7666	-15.5752	53.19147	491.21
Si	-0.993	45.7383	-29.4198	53.19167	464.84
Si	8.4505	53.1958	10.3835	53.19224	454.46
Si	53.6957	-3.9787	-8.6529	53.19726	470.23
Si	-33.809	3.9787	-39.8032	53.26065	505.77
Si	-8.9505	-50.7099	1.7306	53.26534	451.1
Si	-8.9505	53.6957	1.7306	53.26534	474.51
Si	-13.4222	31.3231	41.5338	53.26685	462.36
Si	-33.309	41.2665	6.9223	53.30131	487.02
Si	-31.3231	-16.408	-38.0727	53.35596	423.86
Si	28.3373	-41.2665	17.3058	53.37113	461.28
Si	28.8373	45.7383	12.114	53.40519	454.09
Si	43.2524	-21.3797	-24.2281	53.42294	559.24
Si	-43.7524	18.8939	22.4975	53.44214	534.49
Si	-25.8515	-13.9222	-43.2644	53.45225	432.19
Si	43.7524	15.908	-29.4198	53.47131	536.61
Si	-33.809	-25.8515	29.4198	53.4739	461.65
Si	46.2382	11.4363	27.6892	53.55096	432.89
Si	-43.2524	11.4363	-27.6892	53.55096	473.9
Si	-36.2948	-36.2948	3.4611	53.55185	456.42
Si	-16.408	-21.3797	44.995	53.55505	514.67
Si	-46.2382	3.4788	-24.2281	53.56492	463.68
Si	-25.8515	-38.7807	-22.4975	53.62657	419.38
Si	45.7383	8.9505	29.4198	53.65435	432.88
Si	-36.2948	3.4788	-38.0727	53.67849	506.61
Si	-48.2241	16.408	-13.8446	53.7207	460.41
Si	-33.809	8.9505	-39.8032	53.72273	504.69
Si	38.7807	-18.8939	32.8809	53.73221	467.81
Si	30.8231	-40.7666	15.5752	53.74673	459.82
Si	-13.9222	43.7524	29.4198	53.7495	466.54
Si	-51.2099	3.4788	-10.3835	53.75263	475.82
Si	28.3373	28.3373	38.0727	53.76588	450.77
Si	13.4222	-6.4646	-51.9173	53.86122	474.07
Si	1.4929	-48.2241	20.7669	53.87991	476.31
Si	-43.7524	-0.993	29.4198	54.02625	451.16

Si	-0.993	-43.7524	-29.4198	54.02625	468.12
Si	-36.2948	-21.3797	31.1504	54.05007	461.23
Si	13.4222	53.1958	10.3835	54.06768	454.46
Si	40.7666	18.8939	-32.8809	54.09591	532.26
Si	6.4646	51.2099	20.7669	54.1088	465.75
Si	51.2099	6.4646	-20.7669	54.1088	496.63
Si	-3.4788	-48.2241	20.7669	54.1088	477.92
Si	-6.4646	-46.2382	-24.2281	54.11634	481.8
Si	-51.2099	13.4222	3.4611	54.14677	473.84
Si	-35.7948	40.7666	-1.7306	54.18294	478.07
Si	1.4929	-33.309	41.5338	54.18698	451.49
Si	-41.2665	13.4222	-31.1504	54.23116	471.74
Si	-25.8515	45.7383	-15.5752	54.29503	444.92
Si	53.1958	-11.4363	-10.3835	54.29705	468.74
Si	53.1958	-11.4363	10.3835	54.29705	476.22
Si	23.8655	50.7099	5.1917	54.31213	449.62
Si	5.9646	-5.9646	-53.6478	54.34796	466.88
Si	28.8373	40.7666	25.9586	54.44247	453.49
Si	-30.8231	-33.809	25.9586	54.44628	463.06
Si	-41.2665	-11.4363	-31.1504	54.45985	451.52
Si	-18.3939	-13.4222	-48.4561	54.46043	449.63
Si	23.3656	23.3656	-44.995	54.60197	485.13
Si	-38.2807	36.2948	13.8446	54.63318	477.5
Si	-10.9363	-33.809	39.8032	54.63518	472.37
Si	-13.9222	53.6957	-5.1917	54.67829	481.5
Si	46.2382	16.408	27.6892	54.69272	432.99
Si	-35.7948	5.9646	39.8032	54.72357	476.46
Si	-13.4222	-38.2807	-34.6115	54.79375	426.66
Si	10.9363	-30.8231	43.2644	54.82072	439.01
Si	-38.7807	18.8939	-32.8809	54.82615	473.16
Si	48.724	-18.8939	19.0363	54.85237	473.95
Si	-31.3231	-41.2665	-10.3835	54.89146	421.04
Si	56.1816	-3.4788	0	54.91422	468.95
Si	-10.9363	40.7666	-36.3421	54.93317	444.73
Si	55.6816	-5.9646	-5.1917	54.94533	470.98
Si	53.1958	8.4505	17.3058	54.96442	454.47
Si	-20.8798	-48.724	-1.7306	55.00248	436.22
Si	36.2948	26.3514	-34.6115	55.01884	489.33
Si	28.3373	18.3939	-44.995	55.0528	485.54
Si	-11.4363	-46.2382	24.2281	55.06742	481.88
Si	-0.993	-48.724	-22.4975	55.08228	483.07
Si	3.9787	-48.724	-22.4975	55.08228	483.48
Si	-33.809	43.7524	1.7306	55.09153	481
Si	35.7948	43.7524	8.6529	55.11222	455.49
Si	-13.9222	53.6957	8.6529	55.11473	466.15
Si	-53.1958	1.4929	-6.9223	55.12506	476.74
Si	1.4929	56.1816	6.9223	55.12506	452.64
Si	13.9222	20.8798	-50.1867	55.2181	507.37
Si	-0.993	30.8231	46.7255	55.22425	467.64
Si	-51.2099	-11.4363	10.3835	55.25003	450.2
Si	5.9646	13.9222	-53.6478	55.25008	504.22
Si	43.7524	25.8515	25.9586	55.25441	437.42
Si	6.4646	56.1816	6.9223	55.3488	452.89
Si	35.7948	-35.7948	22.4975	55.43588	461.53
Si	33.809	45.7383	-8.6529	55.46936	492.34
Si	-6.4646	-16.408	51.9173	55.49022	482.8
Si	-16.408	-6.4646	51.9173	55.49022	473.68
Si	38.2807	-36.2948	17.3058	55.50443	462.3
Si	-28.3373	46.2382	-13.8446	55.53067	442.88
Si	35.7948	33.809	29.4198	55.55605	447.05
Si	18.3939	38.2807	-38.0727	55.57439	458.65
Si	48.2241	-16.408	24.2281	55.59897	475.36

Si	-53.6957	8.9505	1.7306	55.71712	475.28
Si	43.2524	-26.3514	-24.2281	55.73293	558.02
Si	10.9363	-20.8798	50.1867	55.75317	450.63
Si	25.8515	-0.993	50.1867	55.84103	437.01
Si	-31.3231	-31.3231	31.1504	55.89386	462.49
Si	-51.2099	8.4505	-17.3058	55.90601	465.96
Si	-20.8798	-8.9505	-50.1867	55.93122	449.96
Si	-23.3656	-48.2241	-6.9223	56.01467	434.47
Si	18.3939	-11.4363	51.9173	56.1089	446.39
Si	50.7099	8.9505	-25.9586	56.14074	495.09
Si	-18.8939	48.724	22.4975	56.14746	465.99
Si	-33.809	-30.8231	29.4198	56.17892	464.68
Si	33.809	-33.809	-29.4198	56.17892	526.27
Si	16.408	-33.309	41.5338	56.20222	436.91
Si	40.7666	18.8939	36.3421	56.26686	421.27
Si	53.6957	-18.8939	5.1917	56.28242	475.21
Si	-23.8655	3.9787	50.1867	56.28439	492.26
Si	-35.7948	-28.8373	-29.4198	56.35439	409.38
Si	20.8798	53.6957	8.6529	56.35477	450.92
Si	-50.7099	20.8798	-8.6529	56.35477	458.7
Si	53.6957	10.9363	19.0363	56.36221	455.61
Si	43.7524	-33.809	12.114	56.38113	461.98
Si	-11.4363	-16.408	-51.9173	56.41815	453.84
Si	6.4646	11.4363	-55.3784	56.48324	504.2
Si	30.8231	28.8373	-39.8032	56.50021	484.52
Si	38.2807	-41.2665	-3.4611	56.51273	458.56
Si	-41.2665	38.2807	3.4611	56.51273	476.92
Si	-50.7099	-8.9505	19.0363	56.53833	443.19
Si	-15.908	20.8798	-50.1867	56.54507	494.65
Si	30.8231	13.9222	-46.7255	56.55108	489.16
Si	-43.2524	1.4929	34.6115	56.56941	452.2
Si	-45.7383	-8.9505	-29.4198	56.61597	452.02
Si	56.1816	6.4646	13.8446	56.63254	455.61
Si	-38.2807	-38.2807	-6.9223	56.67272	420.81
Si	-40.7666	-28.8373	-22.4975	56.67376	412.38
Si	-25.8515	25.8515	-43.2644	56.68208	470.98
Si	36.2948	-43.2524	0	56.6861	458.07
Si	-13.4222	56.1816	0	56.6861	477.9
Si	-43.7524	18.8939	29.4198	56.70493	530.62
Si	28.3373	23.3656	-44.995	56.7766	484.28
Si	-38.2807	-33.309	20.7669	56.78359	461.53
Si	-38.2807	36.2948	-20.7669	56.78359	455.47
Si	15.908	-20.8798	50.1867	56.80699	448.93
Si	-21.3797	-1.4929	51.9173	56.81084	481.97
Si	50.7099	18.8939	22.4975	56.84406	440.76
Si	-15.908	50.7099	-22.4975	56.84406	457.15
Si	26.3514	31.3231	41.5338	56.85809	451.62
Si	-28.3373	26.3514	41.5338	56.85809	459.24
Si	-26.3514	33.309	-38.0727	56.89548	470.04
Si	-18.8939	18.8939	50.1867	56.89565	499.52
Si	-6.4646	23.3656	51.9173	56.89585	477.59
Si	48.724	30.8231	12.114	56.90162	441.36
Si	1.4929	-48.2241	27.6892	56.90757	467.21
Si	-28.3373	41.2665	27.6892	56.90757	457.35
Si	20.8798	-40.7666	-32.8809	56.94617	527.14
Si	-38.7807	-15.908	36.3421	56.96928	454.68
Si	-31.3231	28.3373	38.0727	56.98279	455.79
Si	8.9505	-48.724	25.9586	57.01936	466.98
Si	-50.7099	5.9646	-22.4975	57.01991	465
Si	28.8373	-28.8373	39.8032	57.02568	435.68
Si	-6.4646	43.2524	-38.0727	57.06754	444.26
Si	-46.2382	-1.4929	-31.1504	57.07466	460.73

Si	20.8798	-0.993	-53.6478	57.09744	472.59
Si	16.408	56.1816	-6.9223	57.1072	436.67
Si	-5.9646	-38.7807	39.8032	57.11279	469.87
Si	55.6816	-15.908	-5.1917	57.1504	461.88
Si	-51.2099	23.3656	-3.4611	57.16625	461.05
Si	-31.3231	-11.4363	-44.995	57.17167	430.4
Si	18.8939	10.9363	53.6478	57.18444	435.25
Si	13.9222	-13.9222	53.6478	57.18565	448.4
Si	-55.6816	0.993	-1.7306	57.20292	474.72
Si	58.1675	8.4505	3.4611	57.20488	465.84
Si	48.2241	-31.3231	3.4611	57.20729	469.79
Si	-33.809	43.7524	15.5752	57.22471	468.67
Si	38.2807	23.3656	-38.0727	57.28249	490.45
Si	23.3656	38.2807	-38.0727	57.28249	457.24
Si	-8.4505	56.1816	-13.8446	57.28349	453.43
Si	56.1816	11.4363	13.8446	57.28349	455.28
Si	-35.7948	5.9646	-43.2644	57.2903	503.4
Si	43.7524	-18.8939	32.8809	57.29429	464.79
Si	-30.8231	-28.8373	-36.3421	57.31485	410.08
Si	28.8373	5.9646	-50.1867	57.32724	501.59
Si	1.4929	16.408	55.3784	57.35179	469.81
Si	-15.908	-8.9505	53.6478	57.35804	474.59
Si	-3.9787	38.7807	43.2644	57.37701	459.33
Si	-20.8798	-28.8373	-43.2644	57.37821	415.19
Si	-0.993	-53.6957	-15.5752	57.39819	487.18
Si	8.4505	-46.2382	31.1504	57.4196	466.51
Si	-8.4505	46.2382	34.6115	57.43665	453.17
Si	35.7948	33.809	-32.8809	57.46395	481.85
Si	48.2241	33.309	-10.3835	57.47943	458.67
Si	25.8515	-35.7948	36.3421	57.48445	427.92
Si	3.9787	55.6816	19.0363	57.48897	464.95
Si	-35.7948	-33.809	25.9586	57.53648	462.51
Si	48.724	0.993	32.8809	57.5516	425.8
Si	5.9646	-55.6816	-5.1917	57.58368	444.43
Si	48.724	-18.8939	25.9586	57.62162	472.47
Si	25.8515	53.6957	1.7306	57.63221	450.85
Si	-41.2665	-21.3797	31.1504	57.63564	459.51
Si	18.3939	33.309	44.995	57.64073	447.42
Si	-55.6816	-3.9787	5.1917	57.66994	457
Si	58.1675	-1.4929	10.3835	57.69525	449.51
Si	58.1675	-1.4929	-10.3835	57.69525	470.77
Si	-48.724	-15.908	22.4975	57.71197	440.16
Si	-33.309	21.3797	-41.5338	57.721	473.55
Si	-18.8939	-30.8231	43.2644	57.72133	508.68
Si	-18.8939	33.809	43.2644	57.72133	458.06
Si	-16.408	-16.408	51.9173	57.76059	483.94
Si	11.4363	31.3231	-48.4561	57.76423	479.16
Si	-48.2241	-8.4505	27.6892	57.76974	438.87
Si	-50.7099	-8.9505	-22.4975	57.79565	454.45
Si	-48.724	28.8373	8.6529	57.83016	471.79
Si	-56.1816	-1.4929	-3.4611	57.85536	475.71
Si	38.7807	20.8798	39.8032	57.8837	424.79
Si	20.8798	38.7807	-39.8032	57.8837	459.03
Si	18.8939	35.7948	-43.2644	57.88975	458.85
Si	-15.908	-53.6957	-1.7306	57.89279	437.09
Si	38.7807	-23.8655	-36.3421	57.91523	456.71
Si	40.7666	43.7524	-5.1917	57.92439	478.94
Si	-10.9363	-38.7807	39.8032	57.9719	468.08
Si	13.9222	-38.7807	39.8032	57.9719	436.41
Si	-36.2948	-41.2665	-10.3835	58.0008	418.7
Si	-55.6816	-3.9787	-8.6529	58.08391	474.54
Si	3.9787	-43.7524	-36.3421	58.08665	446.59

Si	3.9787	-8.9505	-57.109	58.10919	463.03
Si	23.8655	0.993	53.6478	58.12808	433.47
Si	38.2807	3.4788	-44.995	58.15352	553.36
Si	-23.3656	46.2382	27.6892	58.19604	462.79
Si	-43.2524	-23.3656	-27.6892	58.19604	412.37
Si	-43.2524	-23.3656	27.6892	58.19604	456.66
Si	-13.4222	11.4363	55.3784	58.20738	480.61
Si	-28.8373	-45.7383	15.5752	58.25191	435.58
Si	-46.2382	33.309	-10.3835	58.29527	440.56
Si	-36.2948	-21.3797	-38.0727	58.3146	419.93
Si	13.4222	53.1958	24.2281	58.33092	454.57
Si	-13.4222	-53.1958	-13.8446	58.35227	427.71
Si	46.2382	-33.309	-13.8446	58.35227	432.75
Si	-43.2524	36.2948	13.8446	58.35227	475.94
Si	-8.4505	-38.2807	41.5338	58.35981	468.65
Si	-31.3231	43.2524	-24.2281	58.37589	434.76
Si	-38.7807	43.7524	1.7306	58.40218	477.8
Si	28.8373	-48.724	12.114	58.44831	448.09
Si	8.4505	38.2807	-44.995	58.53457	462.38
Si	-41.2665	33.309	-24.2281	58.54596	455.27
Si	-50.7099	-3.9787	25.9586	58.55704	439.78
Si	10.9363	-55.6816	8.6529	58.59164	438.15
Si	5.9646	58.6675	-12.114	58.61464	436.17
Si	48.2241	18.3939	-31.1504	58.64975	530.73
Si	8.9505	-48.724	-29.4198	58.67607	450.71
Si	-18.8939	-10.9363	-53.6478	58.72133	448.61
Si	55.6816	-0.993	22.4975	58.72594	452.57
Si	55.6816	-10.9363	-19.0363	58.76469	452.63
Si	43.7524	10.9363	39.8032	58.81612	419.03
Si	23.3656	18.3939	51.9173	58.81717	435.32
Si	-26.3514	53.1958	3.4611	58.8258	467.71
Si	1.4929	21.3797	55.3784	58.8409	468.82
Si	20.8798	-50.7099	-19.0363	58.8504	446.97
Si	-53.6957	-5.9646	-19.0363	58.85392	457.39
Si	-23.8655	18.8939	50.1867	58.86039	497.06
Si	-43.7524	28.8373	-25.9586	58.89564	456.14
Si	48.2241	-16.408	-31.1504	58.94567	499.65
Si	3.4788	-26.3514	-51.9173	58.94616	500.92
Si	15.908	-0.993	57.109	58.95261	441.37
Si	-56.1816	13.4222	3.4611	58.99691	474.65
Si	33.809	30.8231	39.8032	59.0668	448.2
Si	33.309	48.2241	17.3058	59.12325	440.79
Si	-0.993	-38.7807	-43.2644	59.16032	437.86
Si	28.3373	53.1958	10.3835	59.17455	449.61
Si	-33.809	38.7807	29.4198	59.17872	456.96
Si	-50.7099	-18.8939	19.0363	59.18732	439.13
Si	-33.809	48.724	-5.1917	59.19422	471.32
Si	10.9363	-55.6816	-12.114	59.20184	444.09
Si	58.6675	10.9363	12.114	59.20184	458.15
Si	-56.1816	-11.4363	3.4611	59.20719	439.62
Si	53.6957	-8.9505	25.9586	59.2288	448.45
Si	-50.7099	-8.9505	25.9586	59.2288	442.25
Si	-25.8515	35.7948	39.8032	59.23372	449.35
Si	-55.6816	-13.9222	-1.7306	59.24144	438.62
Si	28.3373	-51.2099	-3.4611	59.24683	460.52
Si	15.908	-45.7383	-32.8809	59.32734	479.49
Si	-8.9505	13.9222	57.109	59.37158	480.14
Si	25.8515	-5.9646	-53.6478	59.38891	466.59
Si	-0.993	-23.8655	53.6478	59.39124	442.53
Si	-26.3514	-6.4646	51.9173	59.44769	461.91
Si	-23.8655	48.724	-25.9586	59.56243	442.19
Si	-55.6816	15.908	-8.6529	59.59528	458.08

Si	48.724	-33.809	-8.6529	59.5976	429.55
Si	48.724	35.7948	12.114	59.61673	439.66
Si	-23.3656	-33.309	-41.5338	59.61689	415.72
Si	36.2948	26.3514	-41.5338	59.61689	486.14
Si	26.3514	36.2948	-41.5338	59.61689	455.39
Si	23.3656	-51.2099	17.3058	59.62792	445.17
Si	-5.9646	50.7099	32.8809	59.65809	452.36
Si	-21.3797	33.309	-44.995	59.66545	446.05
Si	-18.3939	11.4363	55.3784	59.67515	480.69
Si	-26.3514	-51.2099	3.4611	59.70653	436.1
Si	-10.9363	40.7666	-43.2644	59.73869	442.74
Si	-26.3514	-26.3514	-44.995	59.79261	416.15
Si	15.908	43.7524	-39.8032	59.816	447.9
Si	56.1816	21.3797	-13.8446	59.81648	494.57
Si	-31.3231	23.3656	44.995	59.83185	464.57
Si	-33.309	-3.4788	-48.4561	59.86555	450.18
Si	45.7383	38.7807	15.5752	59.92173	435.66
Si	45.7383	-35.7948	15.5752	59.92173	459.14
Si	18.8939	50.7099	-29.4198	59.9219	440.93
Si	-50.7099	0.993	-29.4198	59.92421	461.08
Si	13.9222	-28.8373	-50.1867	59.94252	442.51
Si	41.2665	-38.2807	20.7669	59.95951	460.14
Si	-10.9363	55.6816	-22.4975	59.97535	449.91
Si	-30.8231	-43.7524	-22.4975	59.97996	411.22
Si	-51.2099	-21.3797	-17.3058	60.00192	413.79
Si	38.7807	-3.9787	46.7255	60.02991	419.21
Si	-35.7948	40.7666	25.9586	60.05536	455.95
Si	8.9505	-53.6957	-22.4975	60.06279	468.33
Si	-23.3656	-53.1958	0	60.07328	434.94
Si	5.9646	-50.7099	29.4198	60.08875	465.77
Si	-33.809	33.809	36.3421	60.09405	451.63
Si	-3.9787	53.6957	29.4198	60.17142	449.76
Si	60.6534	8.9505	8.6529	60.25318	458.89
Si	60.6534	-5.9646	8.6529	60.25318	448.7
Si	28.8373	-48.724	19.0363	60.26473	446.81
Si	-3.4788	-58.1675	-6.9223	60.26607	452.87
Si	-11.4363	3.4788	58.8396	60.27604	469.29
Si	21.3797	31.3231	-48.4561	60.27702	471.67
Si	-11.4363	-26.3514	-51.9173	60.31476	432.45
Si	58.1675	-16.408	-10.3835	60.33464	458.74
Si	-46.2382	38.2807	3.4611	60.36207	473.32
Si	16.408	-53.1958	-20.7669	60.37034	449.04
Si	16.408	-53.1958	20.7669	60.37034	437.4
Si	-33.309	46.2382	-20.7669	60.37034	435.91
Si	-45.7383	35.7948	-15.5752	60.41516	439.09
Si	-51.2099	18.3939	-24.2281	60.41711	454.76
Si	-13.9222	13.9222	57.109	60.44456	480.39
Si	-23.3656	-53.1958	6.9223	60.4708	437.6
Si	-28.8373	-45.7383	22.4975	60.47178	436.23
Si	-45.7383	-28.8373	-22.4975	60.47178	412.95
Si	-10.9363	50.7099	32.8809	60.48107	453.49
Si	11.4363	-33.309	-48.4561	60.48171	438.89
Si	11.4363	61.1533	0	60.48334	439.98
Si	30.8231	-50.7099	8.6529	60.50019	446.23
Si	-3.9787	58.6675	-19.0363	60.50826	439.46
Si	-41.2665	-41.2665	3.4611	60.5699	441.06
Si	58.6675	20.8798	5.1917	60.59483	461.56
Si	-8.9505	-30.8231	50.1867	60.59779	462.01
Si	13.9222	-23.8655	53.6478	60.62694	450.32
Si	25.8515	53.6957	-19.0363	60.67008	442.99
Si	-33.309	51.2099	0	60.68733	472.05
Si	-38.7807	-35.7948	-25.9586	60.71396	406.64

Si	-15.908	-48.724	-29.4198	60.74585	425.88
Si	-11.4363	-6.4646	58.8396	60.76659	460.46
Si	20.8798	8.9505	57.109	60.76923	431.39
Si	3.9787	5.9646	60.5701	60.78583	429.93
Si	28.3373	18.3939	-51.9173	60.84132	475.73
Si	-58.6675	8.9505	-5.1917	60.84272	461.79
Si	60.6534	8.9505	-12.114	60.84672	463.58
Si	-38.2807	-18.3939	-41.5338	60.84801	423.43
Si	-0.993	-3.9787	60.5701	60.86755	443.65
Si	11.4363	61.1533	6.9223	60.87818	447.27
Si	-36.2948	-46.2382	3.4611	60.97662	435.98
Si	1.4929	-43.2524	-41.5338	61.05079	439.81
Si	43.7524	30.8231	32.8809	61.05145	427.74
Si	60.6534	-0.993	15.5752	61.22683	447.77
Si	50.7099	-0.993	36.3421	61.23107	425.78
Si	46.2382	6.4646	-41.5338	61.25289	525.05
Si	-43.2524	6.4646	41.5338	61.25289	444.88
Si	1.4929	56.1816	-27.6892	61.29882	435.73
Si	56.1816	1.4929	-27.6892	61.29882	456.75
Si	55.6816	-10.9363	-25.9586	61.35761	449.57
Si	30.8231	48.724	-25.9586	61.35874	443.64
Si	51.2099	11.4363	-34.6115	61.38898	509.81
Si	13.4222	-11.4363	-58.8396	61.41307	459.31
Si	3.4788	43.2524	-44.995	61.41942	455.17
Si	13.4222	48.2241	-38.0727	61.44624	446.77
Si	-46.2382	8.4505	38.0727	61.45074	447.15
Si	36.2948	16.408	48.4561	61.49493	416.65
Si	48.2241	33.309	-24.2281	61.50665	468.12
Si	20.8798	-10.9363	57.109	61.57736	441.83
Si	-11.4363	-56.1816	-17.3058	61.58735	429.4
Si	23.3656	58.1675	-10.3835	61.62987	440.57
Si	55.6816	23.8655	-19.0363	61.63877	491.74
Si	48.724	40.7666	5.1917	61.6454	439.07
Si	26.3514	56.1816	-13.8446	61.64797	442
Si	56.1816	26.3514	13.8446	61.64797	439.73
Si	-53.1958	26.3514	-13.8446	61.64797	448.87
Si	13.9222	60.6534	12.114	61.65383	448.24
Si	33.809	35.7948	39.8032	61.68669	447.94
Si	0.993	53.6957	-32.8809	61.69718	436.11
Si	-1.4929	58.1675	-24.2281	61.70838	436.68
Si	-13.9222	-35.7948	-46.7255	61.73552	416.19
Si	33.309	-26.3514	-44.995	61.74233	425.52
Si	3.4788	63.1392	-3.4611	61.77532	437.52
Si	46.2382	26.3514	-34.6115	61.79031	493.99
Si	63.1392	-1.4929	3.4611	61.81554	449.17
Si	8.9505	-58.6675	12.114	61.81935	435.11
Si	0.993	-10.9363	-60.5701	61.83427	458.51
Si	18.8939	-23.8655	53.6478	61.83796	449.52
Si	-33.309	31.3231	41.5338	61.85523	452.49
Si	-40.7666	35.7948	-29.4198	61.8709	454.77
Si	-50.7099	-13.9222	-29.4198	61.87313	440.83
Si	16.408	61.1533	-6.9223	61.88491	435.47
Si	-18.8939	-10.9363	57.109	61.89944	468.04
Si	-31.3231	-6.4646	51.9173	61.93232	459.51
Si	-33.809	48.724	-19.0363	61.96276	435.07
Si	40.7666	-45.7383	8.6529	62.03284	450.74
Si	3.9787	-48.724	-36.3421	62.03764	447.89
Si	-8.4505	-58.1675	13.8446	62.04762	434.28
Si	11.4363	61.1533	-13.8446	62.04762	435.4
Si	61.1533	-8.4505	13.8446	62.04762	445.23
Si	23.8655	10.9363	-57.109	62.05762	467.08
Si	-20.8798	10.9363	-57.109	62.05762	440.94

Si	38.7807	45.7383	-22.4975	62.08191	444.85
Si	-23.3656	31.3231	48.4561	62.09492	455.36
Si	11.4363	56.1816	-27.6892	62.10006	434.85
Si	55.6816	8.9505	29.4198	62.10925	421.57
Si	25.8515	-0.993	57.109	62.13657	435.22
Si	-56.1816	-21.3797	-3.4611	62.14084	425.09
Si	-46.2382	13.4222	-38.0727	62.21007	451.61
Si	60.6534	-15.908	8.6529	62.27057	450.67
Si	38.2807	-31.3231	38.0727	62.28771	418.35
Si	-55.6816	20.8798	-15.5752	62.34874	448.73
Si	33.309	-36.2948	38.0727	62.36747	421.48
Si	-48.2241	16.408	-34.6115	62.38747	450.92
Si	38.7807	-28.8373	39.8032	62.40666	419.44
Si	-46.2382	-11.4363	38.0727	62.40953	433.63
Si	10.9363	-50.7099	-32.8809	62.41371	450.39
Si	-41.2665	8.4505	44.995	62.46055	444.61
Si	25.8515	8.9505	57.109	62.5331	432.13
Si	13.4222	43.2524	-44.995	62.53567	450.67
Si	10.9363	-10.9363	-60.5701	62.54923	457.64
Si	-38.7807	43.7524	22.4975	62.56162	454.08
Si	18.3939	-11.4363	-58.8396	62.56917	456.81
Si	-8.9505	-50.7099	-32.8809	62.57281	430.03
Si	-53.6957	3.9787	29.4198	62.58986	429.69
Si	-38.2807	41.2665	27.6892	62.69426	456.03
Si	-11.4363	43.2524	44.995	62.73409	446.8
Si	25.8515	-55.6816	8.6529	62.74664	440.93
Si	-28.8373	23.8655	50.1867	62.76269	467.37
Si	-38.7807	28.8373	-39.8032	62.88059	453.4
Si	-36.2948	-31.3231	38.0727	62.88344	437.52
Si	21.3797	-33.309	48.4561	62.88601	434.58
Si	-18.3939	36.2948	-48.4561	62.88601	442.9
Si	31.3231	1.4929	-55.3784	62.90157	482.27
Si	-30.8231	-43.7524	-29.4198	62.90456	402.61
Si	-21.3797	-56.1816	-10.3835	62.90723	419.81
Si	-35.7948	-33.809	-36.3421	62.90742	405.53
Si	-18.8939	-45.7383	36.3421	62.9853	420.32
Si	28.3373	-46.2382	-31.1504	63.00178	465.01
Si	43.7524	0.993	46.7255	63.00306	417.05
Si	-6.4646	63.1392	-10.3835	63.01908	440.61
Si	0.993	18.8939	-60.5701	63.02209	447.58
Si	-21.3797	-36.2948	-44.995	63.05245	414.21
Si	53.6957	35.7948	-8.6529	63.06055	453.52
Si	-6.4646	-56.1816	-24.2281	63.06083	442.37
Si	-30.8231	-18.8939	-50.1867	63.07653	419.99
Si	-53.1958	-13.4222	-27.6892	63.08729	440.2
Si	36.2948	-43.2524	-27.6892	63.08729	470.32
Si	-28.3373	6.4646	-55.3784	63.09775	439.99
Si	31.3231	6.4646	-55.3784	63.09775	485.92
Si	6.4646	-28.3373	55.3784	63.09775	439.01
Si	-28.3373	-3.4788	-55.3784	63.09775	438.17
Si	-30.8231	55.6816	-1.7306	63.1169	469.92
Si	43.7524	5.9646	46.7255	63.15958	416.62
Si	3.4788	-21.3797	-58.8396	63.16005	468.1
Si	10.9363	-35.7948	50.1867	63.23177	433.22
Si	-38.7807	-45.7383	-12.114	63.24152	417.71
Si	40.7666	43.7524	-25.9586	63.2624	445.21
Si	61.1533	21.3797	6.9223	63.26742	461.07
Si	-58.1675	-18.3939	6.9223	63.26742	433.78
Si	11.4363	-3.4788	-62.3007	63.2848	444.68
Si	25.8515	-55.6816	-12.114	63.31681	432.23
Si	-46.2382	18.3939	-38.0727	63.35163	451.85
Si	46.2382	41.2665	20.7669	63.36675	433.05

Si	48.724	40.7666	-15.5752	63.37024	447.48
Si	-41.2665	-11.4363	44.995	63.40407	424.94
Si	15.908	48.724	-39.8032	63.42613	444.94
Si	-0.993	55.6816	32.8809	63.43308	448.93
Si	-28.8373	43.7524	36.3421	63.45491	447.41
Si	60.6534	23.8655	-5.1917	63.46218	468.68
Si	41.2665	11.4363	48.4561	63.47286	414.05
Si	-3.9787	28.8373	57.109	63.55381	452.99
Si	-61.1533	-1.4929	10.3835	63.57104	435.29
Si	53.6957	-23.8655	25.9586	63.57703	464.58
Si	-50.7099	-23.8655	25.9586	63.57703	432.36
Si	63.6392	-8.9505	-8.6529	63.6089	451.36
Si	-18.8939	58.6675	-19.0363	63.61549	437.41
Si	58.6675	-18.8939	19.0363	63.61549	446.75
Si	-16.408	-46.2382	38.0727	63.62568	420.86
Si	-50.7099	35.7948	12.114	63.62791	468.98
Si	35.7948	-50.7099	-12.114	63.62791	432.95
Si	-35.7948	-48.724	12.114	63.70925	428.77
Si	51.2099	-18.3939	34.6115	63.75908	453.3
Si	5.9646	53.6957	36.3421	63.76426	423.66
Si	56.1816	-28.3373	13.8446	63.81511	441.97
Si	-8.9505	-40.7666	-46.7255	63.86078	417.28
Si	-40.7666	-8.9505	46.7255	63.86078	425.76
Si	23.3656	13.4222	58.8396	63.89692	432.1
Si	53.6957	30.8231	-22.4975	63.96513	467.91
Si	-31.3231	-16.408	-51.9173	63.97447	421.62
Si	-26.3514	58.1675	10.3835	63.99321	445.75
Si	18.3939	63.1392	-3.4611	64.01476	434.17
Si	8.9505	20.8798	60.5701	64.03285	451.44
Si	-28.8373	18.8939	-53.6478	64.03749	439.47
Si	16.408	1.4929	62.3007	64.0612	438.6
Si	55.6816	18.8939	29.4198	64.06822	416.31
Si	45.7383	43.7524	-19.0363	64.07725	446.02
Si	-40.7666	45.7383	19.0363	64.07725	453.52
Si	38.7807	-43.7524	25.9586	64.11988	434.75
Si	53.1958	23.3656	31.1504	64.20241	417.8
Si	38.7807	30.8231	-43.2644	64.20627	479.82
Si	28.8373	30.8231	-50.1867	64.23923	470.24
Si	13.4222	-21.3797	-58.8396	64.24606	451.2
Si	-13.4222	-3.4788	62.3007	64.25383	459.93
Si	43.2524	-46.2382	-10.3835	64.26453	430.76
Si	-1.4929	-36.2948	51.9173	64.28239	442.94
Si	45.7383	-15.908	43.2644	64.28258	429.26
Si	-0.993	-53.6957	32.8809	64.28936	450.32
Si	63.6392	-3.9787	-15.5752	64.30149	449.35
Si	-41.2665	18.3939	44.995	64.33161	432.8
Si	-5.9646	-18.8939	60.5701	64.34264	442.27
Si	50.7099	33.809	-25.9586	64.34668	467.61
Si	33.809	50.7099	25.9586	64.34668	416.99
Si	15.908	63.6392	8.6529	64.38032	447.86
Si	-0.993	65.6251	5.1917	64.38995	433.31
Si	65.6251	3.9787	-5.1917	64.38995	445.72
Si	-18.3939	61.1533	13.8446	64.39349	429.33
Si	61.1533	-18.3939	13.8446	64.39349	448.03
Si	-33.309	-33.309	41.5338	64.40032	433.6
Si	53.6957	-28.8373	-22.4975	64.42974	452.7
Si	-53.1958	-18.3939	27.6892	64.44401	433.06
Si	-25.8515	-53.6957	19.0363	64.46613	421
Si	-30.8231	-13.9222	53.6478	64.49837	439.53
Si	-10.9363	50.7099	39.8032	64.50659	449.77
Si	-6.4646	63.1392	17.3058	64.52191	429.52
Si	-55.6816	-3.9787	-29.4198	64.5321	456.97

Si	33.809	40.7666	39.8032	64.58361	445.32
Si	36.2948	-23.3656	-48.4561	64.63057	425.54
Si	-23.3656	-58.1675	0	64.6321	432.72
Si	23.8655	-18.8939	-57.109	64.63428	436.7
Si	-28.8373	38.7807	43.2644	64.66916	446.12
Si	-50.7099	25.8515	-29.4198	64.68385	442.17
Si	-5.9646	-3.9787	-64.0313	64.69589	442
Si	53.1958	-6.4646	38.0727	64.6996	420.72
Si	1.4929	-53.1958	-34.6115	64.72102	448.74
Si	58.1675	-1.4929	-31.1504	64.74002	454.23
Si	10.9363	48.724	43.2644	64.74385	414.02
Si	-28.8373	-55.6816	1.7306	64.74444	433.48
Si	40.7666	43.7524	29.4198	64.75959	417.65
Si	-58.6675	23.8655	8.6529	64.76631	431.23
Si	46.2382	46.2382	13.8446	64.77621	431.43
Si	8.9505	-38.7807	-50.1867	64.77867	435.66
Si	8.9505	45.7383	46.7255	64.78071	416.92
Si	-38.2807	31.3231	-41.5338	64.783	454.39
Si	31.3231	41.2665	-41.5338	64.783	438.1
Si	-11.4363	-61.1533	-10.3835	64.80376	431.86
Si	36.2948	56.1816	0	64.82304	435.83
Si	13.9222	35.7948	53.6478	64.87834	417.35
Si	16.408	-58.1675	20.7669	64.9083	437.14
Si	61.1533	16.408	20.7669	64.9083	437.5
Si	6.4646	-53.1958	-34.6115	64.91169	448.34
Si	-53.1958	-3.4788	34.6115	64.91169	430.95
Si	-3.4788	56.1816	34.6115	64.91169	448.64
Si	63.6392	-8.9505	-15.5752	64.91383	451.22
Si	51.2099	6.4646	41.5338	64.97349	416.32
Si	-18.8939	-50.7099	-32.8809	64.97624	423.92
Si	63.6392	0.993	19.0363	64.99837	447.19
Si	-63.1392	1.4929	6.9223	65.00174	435.68
Si	61.1533	-23.3656	-6.9223	65.00174	452.47
Si	60.6534	8.9505	-25.9586	65.03402	459.2
Si	60.6534	-5.9646	-25.9586	65.03402	446.78
Si	-18.8939	-45.7383	-39.8032	65.04381	417.86
Si	58.1675	33.309	3.4611	65.08651	420.27
Si	-53.6957	-30.8231	-12.114	65.0912	414.28
Si	-8.9505	58.6675	29.4198	65.14228	442.73
Si	-1.4929	-26.3514	58.8396	65.16374	440.91
Si	-13.9222	28.8373	57.109	65.16726	445.54
Si	66.125	-3.4788	6.9223	65.1916	447.35
Si	56.1816	-33.309	-6.9223	65.1916	415.98
Si	-53.1958	-33.309	6.9223	65.1916	402.36
Si	-63.1392	-3.4788	-6.9223	65.1916	465
Si	23.3656	-31.3231	-51.9173	65.19744	434.5
Si	48.2241	8.4505	44.995	65.24384	416.56
Si	3.9787	55.6816	-36.3421	65.29431	434.98
Si	-55.6816	-28.8373	-8.6529	65.29716	412.59
Si	43.2524	-31.3231	-38.0727	65.34732	429.43
Si	33.309	53.1958	-24.2281	65.364	444.58
Si	30.8231	-10.9363	57.109	65.39254	440.29
Si	23.8655	-8.9505	60.5701	65.40902	437.74
Si	13.9222	-33.809	53.6478	65.4125	434.15
Si	-33.809	13.9222	-53.6478	65.4125	439.83
Si	-58.6675	13.9222	22.4975	65.42087	431.37
Si	18.8939	-58.6675	19.0363	65.45565	437.27
Si	56.1816	-8.4505	-34.6115	65.48039	442.47
Si	56.1816	-8.4505	34.6115	65.48039	420.28
Si	13.9222	-38.7807	-50.1867	65.53737	433.28
Si	-8.4505	51.2099	-41.5338	65.54165	419.26
Si	11.4363	51.2099	-41.5338	65.54165	442.23

Si	-53.6957	-25.8515	22.4975	65.57162	432.42
Si	28.8373	-53.6957	-22.4975	65.57162	440.1
Si	3.4788	-56.1816	-31.1504	65.57924	447.79
Si	-56.1816	3.4788	31.1504	65.57924	429.27
Si	55.6816	23.8655	29.4198	65.59329	415.98
Si	-23.3656	-23.3656	-55.3784	65.59464	423.82
Si	-16.408	-21.3797	-58.8396	65.61776	424.28
Si	-60.6534	15.908	-15.5752	65.66992	445.26
Si	55.6816	8.9505	36.3421	65.67178	417.82
Si	-51.2099	-36.2948	10.3835	65.67581	401.92
Si	3.9787	-23.8655	60.5701	65.71127	439.17
Si	18.3939	-61.1533	-10.3835	65.71154	426.69
Si	-55.6816	20.8798	25.9586	65.71628	430.13
Si	-50.7099	-28.8373	25.9586	65.71838	431.18
Si	45.7383	-30.8231	36.3421	65.74743	418.21
Si	-8.4505	-63.1392	6.9223	65.75787	426.02
Si	11.4363	-63.1392	-6.9223	65.75787	424.59
Si	53.1958	38.2807	17.3058	65.7725	434.26
Si	45.7383	48.724	-12.114	65.8421	440.11
Si	-1.4929	3.4788	-65.7618	65.85955	440.96
Si	-1.4929	-1.4929	-65.7618	65.89728	443.08
Si	3.9787	-13.9222	-64.0313	65.90756	453.95
Si	20.8798	43.7524	-46.7255	65.9165	442.09
Si	46.2382	-23.3656	41.5338	65.9177	424.96
Si	50.7099	-5.9646	43.2644	65.95255	421.98
Si	8.9505	50.7099	-43.2644	65.95255	444.14
Si	28.3373	-11.4363	58.8396	65.95361	440.49
Si	1.4929	-43.2524	48.4561	65.95556	438.93
Si	-43.2524	1.4929	-48.4561	65.95556	441.79
Si	-43.2524	1.4929	48.4561	65.95556	436.11
Si	0.993	-55.6816	-32.8809	65.95706	448.51
Si	-48.724	-25.8515	-32.8809	65.95916	413.88
Si	31.3231	21.3797	-55.3784	65.97039	470.63
Si	63.6392	-18.8939	-8.6529	65.9746	453.61
Si	-43.7524	48.724	8.6529	65.97565	444.81
Si	-40.7666	-33.809	-36.3421	65.97597	402.61
Si	-6.4646	-56.1816	31.1504	66.0304	444.55
Si	-58.1675	26.3514	-13.8446	66.09827	448.47
Si	1.4929	66.125	13.8446	66.09827	428.34
Si	60.6534	3.9787	29.4198	66.11854	423.49
Si	-53.6957	-0.993	36.3421	66.1265	432.14
Si	-3.4788	-43.2524	48.4561	66.14267	437.61
Si	-3.4788	-43.2524	-48.4561	66.14267	419.82
Si	6.4646	-43.2524	-48.4561	66.14267	434.73
Si	56.1816	-23.3656	-27.6892	66.14749	443.23
Si	21.3797	11.4363	62.3007	66.14933	428.8
Si	-8.4505	36.2948	55.3784	66.15747	442.23
Si	-33.309	11.4363	-55.3784	66.15747	438.98
Si	-3.9787	58.6675	-32.8809	66.18174	423.87
Si	8.4505	-1.4929	-65.7618	66.19626	442.97
Si	-43.7524	13.9222	-46.7255	66.21853	444.7
Si	23.3656	-56.1816	-24.2281	66.27037	441.32
Si	-33.309	56.1816	13.8446	66.28498	447.48
Si	6.4646	-63.1392	13.8446	66.28498	429.63
Si	-51.2099	-11.4363	38.0727	66.28934	431.92
Si	16.408	66.125	0	66.33075	435.54
Si	-36.2948	53.1958	17.3058	66.33694	447.64
Si	53.1958	-36.2948	17.3058	66.33694	444.65
Si	35.7948	-30.8231	-46.7255	66.36434	425.18
Si	-15.908	-48.724	39.8032	66.39903	419.5
Si	18.3939	-36.2948	-51.9173	66.39996	436.15
Si	65.6251	-10.9363	-12.114	66.43921	452.2

Si	25.8515	-10.9363	-60.5701	66.45725	447.7
Si	28.8373	0.993	60.5701	66.45829	434.99
Si	-23.8655	-55.6816	22.4975	66.46891	422.08
Si	-48.2241	16.408	41.5338	66.47779	421.87
Si	16.408	-48.2241	-41.5338	66.47779	435.49
Si	-43.7524	-20.8798	43.2644	66.47912	424.98
Si	8.4505	8.4505	65.7618	66.49389	427.11
Si	-15.908	30.8231	-57.109	66.51685	415.41
Si	-33.809	18.8939	-53.6478	66.53647	438
Si	-15.908	-58.6675	-22.4975	66.5447	418.56
Si	15.908	63.6392	-19.0363	66.57578	435.71
Si	8.4505	63.1392	-24.2281	66.60085	427
Si	28.8373	5.9646	60.5701	66.60669	434.83
Si	10.9363	-55.6816	-32.8809	66.62779	448.36
Si	-15.908	-38.7807	-50.1867	66.65924	415.96
Si	-63.6392	8.9505	-12.114	66.66745	440.83
Si	-1.4929	43.2524	51.9173	66.69462	429.37
Si	11.4363	-43.2524	48.4561	66.70088	429.7
Si	50.7099	43.7524	15.5752	66.71405	432.39
Si	38.2807	-31.3231	-44.995	66.74412	424.54
Si	-53.6957	38.7807	-5.1917	66.80657	421.26
Si	-23.8655	-10.9363	-60.5701	66.83022	426.42
Si	13.4222	3.4788	-65.7618	66.86459	440.15
Si	-28.8373	-45.7383	36.3421	66.86887	418.6
Si	43.2524	28.3373	44.995	67.00017	414.62
Si	-11.4363	3.4788	-65.7618	67.0502	436.78
Si	-58.1675	-28.3373	-6.9223	67.06059	413.68
Si	-13.4222	-18.3939	-62.3007	67.07699	424.46
Si	-13.4222	36.2948	-55.3784	67.08502	417.85
Si	16.408	-33.309	-55.3784	67.08502	436.98
Si	-11.4363	-1.4929	-65.7618	67.08726	438.5
Si	10.9363	-45.7383	-46.7255	67.10614	435.22
Si	-38.7807	3.9787	-53.6478	67.12844	444.51
Si	38.2807	48.2241	31.1504	67.13786	418.75
Si	65.6251	-10.9363	15.5752	67.15657	441.73
Si	-50.7099	40.7666	-15.5752	67.1576	426.58
Si	20.8798	58.6675	29.4198	67.15879	411.05
Si	-53.6957	-35.7948	8.6529	67.16424	400.85
Si	-35.7948	-53.6957	-8.6529	67.16424	406.28
Si	-40.7666	15.908	-50.1867	67.1741	444.05
Si	43.2524	48.2241	24.2281	67.19121	416.26
Si	-35.7948	40.7666	39.8032	67.20932	442.03
Si	41.2665	-33.309	-41.5338	67.21732	429.17
Si	28.3373	58.1675	24.2281	67.2282	413.62
Si	-18.8939	63.6392	15.5752	67.23364	429.57
Si	33.309	8.4505	-58.8396	67.25151	480.25
Si	-8.9505	-25.8515	-60.5701	67.27197	420.9
Si	-38.7807	-45.7383	-25.9586	67.27994	400.07
Si	18.8939	-43.7524	46.7255	67.32904	425.44
Si	-58.6675	-5.9646	29.4198	67.38254	425.54
Si	-51.2099	-16.408	-38.0727	67.43556	416.21
Si	-23.3656	-38.2807	-48.4561	67.43796	412.35
Si	-13.4222	-58.1675	-27.6892	67.44268	423.64
Si	58.6675	-28.8373	19.0363	67.4628	441.65
Si	-23.8655	38.7807	50.1867	67.46947	442.55
Si	-6.4646	-11.4363	-65.7618	67.49153	440.35
Si	-33.809	-45.7383	-32.8809	67.51413	402.06
Si	65.6251	-15.908	-12.114	67.5461	452.58
Si	-35.7948	55.6816	-15.5752	67.59721	421.88
Si	-63.6392	-15.908	-5.1917	67.61606	428.16
Si	-13.4222	-43.2524	-48.4561	67.62097	417.16
Si	-18.3939	66.125	0	67.62243	411.13

Si	63.6392	15.908	-22.4975	67.6468	449.24
Si	-5.9646	55.6816	39.8032	67.64859	449.03
Si	45.7383	28.8373	43.2644	67.65479	414.15
Si	23.3656	63.1392	-17.3058	67.66218	439.62
Si	0.993	-65.6251	8.6529	67.67526	430.12
Si	43.2524	13.4222	51.9173	67.68726	413.2
Si	-53.1958	-18.3939	34.6115	67.70742	432.28
Si	-18.8939	-20.8798	-60.5701	67.71186	425.51
Si	38.7807	-48.724	25.9586	67.71978	431.38
Si	-31.3231	8.4505	58.8396	67.73028	427.58
Si	-13.9222	-55.6816	-32.8809	67.73262	423
Si	-10.9363	35.7948	-57.109	67.76832	417.87
Si	-38.7807	-35.7948	-39.8032	67.79846	407.01
Si	26.3514	-8.4505	62.3007	67.80998	438.92
Si	5.9646	68.6109	8.6529	67.82101	431.11
Si	-36.2948	23.3656	51.9173	67.83602	450.28
Si	68.1109	-6.4646	10.3835	67.89032	446.12
Si	28.8373	-58.6675	-15.5752	67.89379	429.05
Si	-25.8515	-58.6675	-15.5752	67.89379	415.37
Si	0.993	-5.9646	-67.4924	67.90502	445.06
Si	0.993	8.9505	-67.4924	67.90502	436.81
Si	-23.8655	-40.7666	-46.7255	67.91308	413.64
Si	38.2807	53.1958	24.2281	67.92298	415.02
Si	23.8655	65.6251	-1.7306	67.94456	432.41
Si	46.2382	-28.3373	-41.5338	67.9488	427.67
Si	68.1109	-11.4363	-3.4611	67.94926	445.26
Si	-16.408	-56.1816	31.1504	67.9495	414.64
Si	-18.3939	-63.1392	6.9223	67.97582	416.91
Si	-36.2948	43.2524	-38.0727	67.98009	407.31
Si	43.2524	-36.2948	-38.0727	67.98009	428.36
Si	-53.6957	-20.8798	-32.8809	68.02557	415.55
Si	38.2807	-41.2665	38.0727	68.05318	418.1
Si	36.2948	-53.1958	20.7669	68.06828	425.86
Si	36.2948	56.1816	20.7669	68.06828	413.79
Si	-3.4788	-63.1392	-20.7669	68.06828	439.23
Si	-63.6392	-10.9363	15.5752	68.11209	425.49
Si	13.9222	-58.6675	-29.4198	68.11224	446.94
Si	-43.7524	-45.7383	-19.0363	68.11972	406.2
Si	-13.9222	-15.908	64.0313	68.12063	434.73
Si	-50.7099	-33.809	25.9586	68.15576	430.2
Si	31.3231	-53.1958	-27.6892	68.17174	439.08
Si	56.1816	31.3231	27.6892	68.17174	410.15
Si	-66.125	-6.4646	3.4611	68.17244	436.6
Si	-38.2807	1.4929	-55.3784	68.18142	443.84
Si	41.2665	1.4929	-55.3784	68.18142	461.29
Si	-65.6251	0.993	12.114	68.20424	433.42
Si	-23.8655	-60.6534	-12.114	68.20526	416
Si	-61.1533	13.4222	24.2281	68.21915	427.65
Si	-46.2382	-46.2382	-10.3835	68.29591	405.49
Si	60.6534	-15.908	29.4198	68.32478	427.12
Si	-48.724	43.7524	-19.0363	68.33729	426.48
Si	-18.3939	-18.3939	62.3007	68.35457	435.62
Si	18.3939	63.1392	24.2281	68.35868	412.65
Si	41.2665	6.4646	55.3784	68.36245	414.69
Si	48.724	30.8231	39.8032	68.37647	416.05
Si	-35.7948	50.7099	-29.4198	68.3975	409.24
Si	10.9363	58.6675	36.3421	68.40215	412.27
Si	58.6675	35.7948	-15.5752	68.46999	446.32
Si	-11.4363	-41.2665	-51.9173	68.49037	415.62
Si	-3.9787	43.7524	-53.6478	68.51196	414.53
Si	-55.6816	-28.8373	-22.4975	68.51995	411.57
Si	3.9787	25.8515	-64.0313	68.55306	433.36

Si	66.125	-8.4505	-20.7669	68.61081	447.5
Si	-16.408	63.1392	24.2281	68.61273	430.2
Si	8.9505	-8.9505	67.4924	68.70157	424.62
Si	13.9222	-43.7524	-50.1867	68.70459	434.38
Si	-43.7524	13.9222	50.1867	68.70459	429.22
Si	-18.3939	61.1533	27.6892	68.71346	430.13
Si	5.9646	13.9222	-67.4924	68.77288	430.15
Si	5.9646	-10.9363	-67.4924	68.77288	450.35
Si	23.8655	-43.7524	46.7255	68.78185	423.6
Si	48.2241	-21.3797	-44.995	68.78595	425.28
Si	18.3939	68.1109	-3.4611	68.81556	434.56
Si	60.6534	-10.9363	-32.8809	68.8157	442.65
Si	-3.4788	56.1816	-41.5338	68.85222	420.15
Si	6.4646	56.1816	-41.5338	68.85222	436.8
Si	10.9363	-35.7948	57.109	68.85484	435.66
Si	15.908	-60.6534	-25.9586	68.87527	445.13
Si	-18.3939	46.2382	48.4561	68.88846	436.58
Si	-43.2524	-18.3939	48.4561	68.88846	424.53
Si	-1.4929	68.1109	-17.3058	68.89385	418.64
Si	41.2665	-8.4505	55.3784	68.90267	414.27
Si	0.993	-65.6251	15.5752	68.90323	429.26
Si	63.6392	5.9646	-29.4198	68.90338	459.76
Si	43.7524	55.6816	5.1917	68.9147	427.95
Si	30.8231	63.6392	-5.1917	68.9157	427.17
Si	-45.7383	0.993	-50.1867	68.91831	443.8
Si	-35.7948	35.7948	46.7255	68.92223	425.66
Si	18.3939	13.4222	65.7618	68.93891	428.4
Si	-61.1533	28.3373	10.3835	68.94189	429.4
Si	-40.7666	10.9363	53.6478	68.94294	430.51
Si	28.8373	60.6534	-22.4975	68.94787	438.23
Si	-0.993	-63.6392	-22.4975	68.95288	439.18
Si	21.3797	-63.1392	-13.8446	69.02511	425.3
Si	5.9646	-65.6251	15.5752	69.04637	429.6
Si	28.3373	38.2807	51.9173	69.06059	423.34
Si	-16.408	68.1109	-3.4611	69.06794	410.13
Si	1.4929	31.3231	62.3007	69.074	432.07
Si	-43.7524	53.6957	1.7306	69.10329	431.42
Si	53.6957	-43.7524	-1.7306	69.10329	404.39
Si	-38.2807	-43.2524	-34.6115	69.15227	398.64
Si	6.4646	61.1533	-34.6115	69.15227	430.17
Si	-30.8231	50.7099	-36.3421	69.19098	398.6
Si	-58.6675	-20.8798	-25.9586	69.23621	414.79
Si	23.8655	-58.6675	25.9586	69.23621	417.11
Si	50.7099	23.8655	43.2644	69.24348	413.61
Si	-45.7383	-33.809	-36.3421	69.26579	404.66
Si	48.724	50.7099	12.114	69.28094	427.96
Si	30.8231	-55.6816	-25.9586	69.30399	439.28
Si	-50.7099	15.908	-43.2644	69.31623	444.89
Si	-23.3656	-53.1958	34.6115	69.33076	412.19
Si	26.3514	56.1816	-34.6115	69.33076	423.95
Si	-61.1533	-26.3514	-10.3835	69.33735	412.42
Si	23.8655	15.908	-64.0313	69.34216	443.54
Si	40.7666	-25.8515	50.1867	69.34576	418.69
Si	-30.8231	-33.809	-50.1867	69.34875	407.65
Si	-33.809	-15.908	57.109	69.35739	438.11
Si	33.309	58.1675	24.2281	69.36334	413.72
Si	-16.408	-11.4363	65.7618	69.37022	435.09
Si	-48.2241	26.3514	-41.5338	69.38863	446.11
Si	56.1816	11.4363	41.5338	69.38863	415.89
Si	11.4363	-53.1958	-41.5338	69.38863	438.41
Si	-23.3656	51.2099	41.5338	69.38863	437.14
Si	6.4646	1.4929	-69.223	69.40131	440.15

Si	-13.9222	68.6109	8.6529	69.40689	418.53
Si	51.2099	1.4929	-48.4561	69.42459	434.78
Si	-35.7948	-33.809	46.7255	69.42529	430.29
Si	28.3373	63.1392	-17.3058	69.42894	437.68
Si	55.6816	-15.908	-39.8032	69.45149	437.99
Si	63.1392	33.309	3.4611	69.45869	420.78
Si	-46.2382	-21.3797	-44.995	69.46913	410.91
Si	-11.4363	58.1675	-38.0727	69.48886	417.26
Si	66.125	-13.4222	20.7669	69.50563	437.01
Si	30.8231	18.8939	-60.5701	69.51113	466.45
Si	-13.9222	-50.7099	43.2644	69.53105	418.82
Si	-40.7666	-53.6957	-1.7306	69.5316	403.88
Si	23.8655	-13.9222	-64.0313	69.5569	447
Si	-41.2665	-16.408	-51.9173	69.60036	411.57
Si	-3.4788	-48.2241	-48.4561	69.60238	420.12
Si	-50.7099	-43.7524	-8.6529	69.62142	405.23
Si	-5.9646	-13.9222	67.4924	69.63092	437.06
Si	35.7948	-0.993	-60.5701	69.65303	463.14
Si	-45.7383	40.7666	32.8809	69.67321	424.07
Si	11.4363	-58.1675	34.6115	69.68637	428.03
Si	61.1533	11.4363	34.6115	69.68637	416.36
Si	-8.9505	-45.7383	50.1867	69.70328	429.62
Si	-31.3231	-16.408	58.8396	69.70957	437.7
Si	-56.1816	-36.2948	10.3835	69.72858	402.04
Si	-28.8373	-55.6816	-25.9586	69.73304	410.15
Si	71.0967	6.4646	0	69.78114	433.95
Si	6.4646	-68.1109	0	69.78114	422.76
Si	-25.8515	-58.6675	-22.4975	69.80772	411.36
Si	33.809	45.7383	-43.2644	69.81249	434.84
Si	-53.6957	-25.8515	-32.8809	69.81873	414.8
Si	63.1392	-26.3514	-17.3058	69.82163	425.98
Si	60.6534	-5.9646	36.3421	69.83066	422.64
Si	60.6534	8.9505	36.3421	69.83066	418.38
Si	38.2807	-6.4646	-58.8396	69.8481	453.6
Si	36.2948	51.2099	34.6115	69.8635	416.71
Si	-15.908	60.6534	32.8809	69.88495	429.93
Si	60.6534	-15.908	-32.8809	69.88495	442.57
Si	33.809	-48.724	-36.3421	69.90577	449.28
Si	-65.6251	5.9646	19.0363	69.9085	428.26
Si	41.2665	-38.2807	41.5338	69.92092	418.13
Si	43.7524	-28.8373	46.7255	69.92177	416.55
Si	26.3514	21.3797	62.3007	69.9629	419.78
Si	-23.3656	-18.3939	62.3007	69.9629	433.31
Si	-33.309	26.3514	55.3784	69.9706	450.97
Si	-48.724	48.724	-12.114	69.99481	419.2
Si	53.6957	25.8515	39.8032	70.0198	412.75
Si	43.7524	-33.809	-43.2644	70.02776	426.45
Si	-33.809	-40.7666	43.2644	70.02776	427.16
Si	-66.125	-16.408	3.4611	70.03287	425.67
Si	51.2099	-43.2524	20.7669	70.03703	427.23
Si	8.9505	70.5968	-8.6529	70.04164	426.62
Si	53.6957	30.8231	-36.3421	70.0439	447.82
Si	53.6957	0.993	46.7255	70.06184	417.2
Si	63.1392	-21.3797	-24.2281	70.07439	431.09
Si	40.7666	43.7524	-39.8032	70.08978	426.26
Si	63.1392	13.4222	31.1504	70.09222	415.55
Si	60.6534	-35.7948	-5.1917	70.12339	413.84
Si	71.0967	-3.4788	-6.9223	70.12364	444.09
Si	-48.2241	-8.4505	48.4561	70.13305	420.57
Si	-25.8515	60.6534	25.9586	70.15356	426.71
Si	-0.993	-53.6957	-43.2644	70.1696	426.78
Si	-53.6957	3.9787	43.2644	70.1696	424.36

Si	-0.993	70.5968	12.114	70.20166	429.13
Si	-16.408	18.3939	-65.7618	70.21899	424.3
Si	48.724	-38.7807	32.8809	70.24169	416.46
Si	-60.6534	15.908	-29.4198	70.25295	412.02
Si	63.1392	-11.4363	-31.1504	70.2693	441.25
Si	56.1816	16.408	-41.5338	70.27354	462.33
Si	-38.7807	8.9505	57.109	70.27808	430.63
Si	65.6251	-10.9363	-25.9586	70.29416	443.24
Si	48.2241	-6.4646	51.9173	70.30311	410.78
Si	-53.6957	33.809	29.4198	70.39629	416.2
Si	-53.6957	-30.8231	29.4198	70.39629	430.17
Si	-8.9505	-25.8515	64.0313	70.40441	433.95
Si	-10.9363	55.6816	-43.2644	70.44652	418.59
Si	48.2241	53.1958	10.3835	70.46142	429.99
Si	-43.2524	-23.3656	-48.4561	70.48461	410.68
Si	-63.1392	6.4646	-27.6892	70.48913	418.06
Si	-51.2099	-11.4363	-44.995	70.49323	411.15
Si	-3.9787	63.6392	-32.8809	70.52128	421.49
Si	-51.2099	48.2241	3.4611	70.52212	425.86
Si	65.6251	-20.8798	-19.0363	70.53971	430.88
Si	23.8655	65.6251	19.0363	70.53971	412.55
Si	-8.9505	68.6109	-19.0363	70.54265	415.73
Si	20.8798	8.9505	-67.4924	70.61651	435.69
Si	-23.3656	66.125	-13.8446	70.61817	411.57
Si	11.4363	11.4363	69.223	70.63686	426.07
Si	11.4363	-68.1109	-6.9223	70.6504	423.61
Si	-13.4222	31.3231	-62.3007	70.66596	414.99
Si	-48.724	-45.7383	15.5752	70.67609	398.5
Si	-48.724	48.724	15.5752	70.67609	434.06
Si	-26.3514	-61.1533	17.3058	70.70601	415.91
Si	35.7948	13.9222	-60.5701	70.70962	472.05
Si	-18.3939	-63.1392	-20.7669	70.73936	416.33
Si	-63.1392	21.3797	-20.7669	70.73936	432.08
Si	70.5968	13.9222	8.6529	70.74392	431.27
Si	25.8515	48.724	-46.7255	70.76295	431.68
Si	-15.908	-48.724	46.7255	70.76588	416.22
Si	-65.6251	0.993	-22.4975	70.78987	420.9
Si	-58.6675	38.7807	1.7306	70.79999	419.09
Si	-11.4363	-21.3797	65.7618	70.81625	434.11
Si	50.7099	-45.7383	-19.0363	70.82006	411.43
Si	-8.9505	-50.7099	-46.7255	70.83414	417.51
Si	8.9505	-18.8939	67.4924	70.89754	424.07
Si	-1.4929	68.1109	24.2281	70.94978	425.44
Si	60.6534	-35.7948	-12.114	70.97242	414.66
Si	-3.4788	-13.4222	-69.223	70.98593	442.35
Si	63.6392	35.7948	-1.7306	71.00546	418.56
Si	-41.2665	-21.3797	51.9173	71.0417	421.14
Si	-41.2665	-21.3797	-51.9173	71.0417	411.72
Si	0.993	43.7524	57.109	71.04608	430.52
Si	40.7666	-55.6816	15.5752	71.09103	419.06
Si	-23.8655	-45.7383	-46.7255	71.11334	414.34
Si	-36.2948	-11.4363	58.8396	71.11376	436.72
Si	71.0967	6.4646	13.8446	71.14127	433.15
Si	-68.1109	6.4646	13.8446	71.14127	430.68
Si	45.7383	-40.7666	36.3421	71.16361	415.01
Si	28.8373	-63.6392	-8.6529	71.1672	423.22
Si	-0.993	-68.6109	12.114	71.18614	431.08
Si	-10.9363	-63.6392	25.9586	71.20759	414.86
Si	13.9222	-68.6109	-1.7306	71.2181	422.75
Si	56.1816	-28.3373	-34.6115	71.26465	432.8
Si	-10.9363	20.8798	67.4924	71.31313	423
Si	-3.9787	23.8655	-67.4924	71.3141	427.49

Si	-51.2099	18.3939	44.995	71.32864	420.47
Si	68.1109	-6.4646	24.2281	71.33217	426.07
Si	18.3939	23.3656	65.7618	71.33498	415.05
Si	1.4929	36.2948	62.3007	71.3621	430.3
Si	-43.2524	6.4646	55.3784	71.36965	430.12
Si	-68.6109	13.9222	-5.1917	71.38612	427.29
Si	-65.6251	25.8515	-1.7306	71.42236	421.7
Si	-26.3514	3.4788	65.7618	71.44137	420.59
Si	-20.8798	-63.6392	19.0363	71.44999	414.72
Si	-21.3797	-66.125	-3.4611	71.46549	417.28
Si	43.2524	-51.2099	24.2281	71.47335	428.56
Si	21.3797	56.1816	41.5338	71.49402	396.92
Si	-8.4505	-13.4222	69.223	71.50633	435.88
Si	-60.6534	35.7948	-8.6529	71.50981	419.52
Si	13.9222	30.8231	-64.0313	71.5175	419.61
Si	16.408	-68.1109	-6.9223	71.5197	422.8
Si	-68.1109	16.408	-6.9223	71.5197	426.16
Si	31.3231	-63.1392	6.9223	71.5197	414.87
Si	31.3231	66.125	-6.9223	71.5197	428.77
Si	71.0967	-13.4222	6.9223	71.5197	433.71
Si	13.4222	-46.2382	51.9173	71.52599	429.89
Si	40.7666	38.7807	-46.7255	71.52671	438.22
Si	26.3514	-23.3656	-62.3007	71.53508	425.46
Si	-55.6816	35.7948	25.9586	71.55	415.77
Si	-3.9787	8.9505	70.9536	71.55393	425.02
Si	63.6392	25.8515	25.9586	71.61945	401.42
Si	65.6251	-10.9363	29.4198	71.64456	423.11
Si	-8.4505	-68.1109	-13.8446	71.66054	427.21
Si	48.724	-3.9787	53.6478	71.68549	412.16
Si	-38.2807	36.2948	48.4561	71.7015	425.98
Si	-18.8939	-60.6534	29.4198	71.7168	413.39
Si	70.5968	-0.993	-19.0363	71.72102	441.26
Si	-50.7099	-13.9222	46.7255	71.73587	420.31
Si	10.9363	-35.7948	-60.5701	71.75163	431.84
Si	38.7807	10.9363	60.5701	71.75163	412.12
Si	-8.9505	-0.993	70.9536	71.76109	427.26
Si	-23.8655	68.6109	1.7306	71.76954	410.52
Si	15.908	-60.6534	-32.8809	71.77122	444.82
Si	-58.6675	-35.7948	-12.114	71.80803	410.48
Si	-51.2099	-46.2382	10.3835	71.85861	399.06
Si	5.9646	-30.8231	64.0313	71.86325	434.72
Si	30.8231	-40.7666	50.1867	71.86673	412.46
Si	18.3939	48.2241	-51.9173	71.86689	433.66
Si	-45.7383	-18.8939	-50.1867	71.86865	410.6
Si	63.1392	38.2807	-3.4611	71.87203	418.68
Si	-13.4222	66.125	27.6892	71.87809	430.36
Si	-43.2524	11.4363	55.3784	71.88728	429.3
Si	36.2948	-28.3373	55.3784	71.88728	416.68
Si	-21.3797	-16.408	-65.7618	71.89033	421
Si	40.7666	28.8373	-53.6478	71.89035	435.93
Si	-50.7099	30.8231	39.8032	71.90061	414.08
Si	70.5968	13.9222	15.5752	71.91951	431.07
Si	-28.8373	-10.9363	64.0313	71.93336	435.45
Si	8.9505	55.6816	46.7255	71.93963	406.72
Si	43.2524	-56.1816	-10.3835	71.95846	418.24
Si	-5.9646	10.9363	-70.9536	71.96669	430.33
Si	25.8515	-55.6816	36.3421	71.99316	405.78
Si	63.6392	-33.809	-8.6529	71.99479	414.82
Si	56.1816	-43.2524	-13.8446	72.00464	412.19
Si	-38.7807	18.8939	57.109	72.01518	438.75
Si	-38.2807	61.1533	6.9223	72.03625	419.68
Si	-58.1675	41.2665	-6.9223	72.03625	420.35

Si	11.4363	36.2948	62.3007	72.05151	413.04
Si	-10.9363	-48.724	-50.1867	72.07586	416.64
Si	53.1958	-31.3231	38.0727	72.1083	415.75
Si	-40.7666	40.7666	-43.2644	72.11163	405.81
Si	-20.8798	-58.6675	32.8809	72.11767	413.46
Si	23.8655	-58.6675	32.8809	72.11767	407.05
Si	-33.309	61.1533	-20.7669	72.1235	412.8
Si	46.2382	-43.2524	34.6115	72.12655	413.98
Si	-43.2524	46.2382	-34.6115	72.12655	403.77
Si	25.8515	8.9505	-67.4924	72.14001	436.28
Si	-58.6675	3.9787	-39.8032	72.17855	419.23
Si	6.4646	-18.3939	69.223	72.19437	425.22
Si	43.2524	-26.3514	-51.9173	72.21192	419.81
Si	43.2524	-1.4929	58.8396	72.21401	412.25
Si	51.2099	-18.3939	-48.4561	72.21675	424.85
Si	-18.3939	-48.2241	48.4561	72.21675	416.87
Si	-58.1675	31.3231	27.6892	72.22116	415.52
Si	40.7666	3.9787	-60.5701	72.23116	462.2
Si	-15.908	-63.6392	25.9586	72.24145	414.54
Si	-3.9787	13.9222	70.9536	72.24151	423.61
Si	-68.6109	18.8939	1.7306	72.25182	426.64
Si	28.8373	65.6251	19.0363	72.27052	412.33
Si	73.5825	0.993	5.1917	72.27809	433.49
Si	-28.8373	43.7524	50.1867	72.28057	440.82
Si	43.7524	-28.8373	-50.1867	72.28057	419.86
Si	70.5968	18.8939	-12.114	72.28338	415.48
Si	-26.3514	68.1109	3.4611	72.28584	410.07
Si	10.9363	58.6675	43.2644	72.31814	405.26
Si	-61.1533	28.3373	24.2281	72.33372	413.84
Si	-61.1533	33.309	17.3058	72.36228	421.22
Si	73.0826	3.4788	10.3835	72.36605	432.61
Si	46.2382	31.3231	-48.4561	72.38768	438.05
Si	-43.2524	51.2099	-27.6892	72.39208	402.94
Si	48.724	55.6816	-8.6529	72.40217	426.98
Si	13.4222	-26.3514	65.7618	72.40327	427.65
Si	-23.8655	-20.8798	64.0313	72.41264	432.63
Si	-68.6109	18.8939	-5.1917	72.41743	428.25
Si	-15.908	-68.6109	5.1917	72.41743	417.76
Si	28.3373	-41.2665	-51.9173	72.41815	420.57
Si	-68.1109	16.408	13.8446	72.51774	419.99
Si	-31.3231	58.1675	31.1504	72.52065	422.7
Si	-21.3797	68.1109	-17.3058	72.53001	411.21
Si	-41.2665	-56.1816	10.3835	72.5433	406.84
Si	-41.2665	-56.1816	-10.3835	72.5433	405.44
Si	-18.8939	-55.6816	-39.8032	72.58681	415.54
Si	-18.8939	58.6675	-39.8032	72.58681	407.33
Si	45.7383	48.724	-32.8809	72.59192	411.53
Si	-70.5968	0.993	-8.6529	72.60882	435.44
Si	-10.9363	55.6816	46.7255	72.62356	432.38
Si	-10.9363	10.9363	-70.9536	72.65037	431.74
Si	-13.9222	3.9787	70.9536	72.65132	424.78
Si	23.3656	23.3656	-65.7618	72.67359	434.54
Si	20.8798	-50.7099	-46.7255	72.69293	421.41
Si	48.2241	-31.3231	44.995	72.69966	417.71
Si	-65.6251	-8.9505	25.9586	72.7168	416.59
Si	-68.1109	-18.3939	6.9223	72.71927	426.4
Si	-18.3939	-68.1109	6.9223	72.71927	416.64
Si	16.408	-43.2524	-55.3784	72.7418	432.6
Si	8.9505	15.908	-70.9536	72.78614	428.99
Si	8.4505	63.1392	-38.0727	72.78874	427.33
Si	-68.1109	6.4646	20.7669	72.80571	427.2
Si	6.4646	-68.1109	20.7669	72.80571	425.97

Si	55.6816	33.809	36.3421	72.81136	408.12
Si	73.0826	-11.4363	-3.4611	72.83014	443.71
Si	-56.1816	33.309	-31.1504	72.86259	410.88
Si	-3.4788	61.1533	-41.5338	72.86383	417.95
Si	-43.2524	-38.2807	-41.5338	72.86383	404.67
Si	16.408	36.2948	62.3007	72.90411	413.17
Si	40.7666	58.6675	22.4975	72.92109	413.62
Si	58.6675	-43.7524	-1.7306	72.93186	404.72
Si	25.8515	63.6392	29.4198	72.94531	407.7
Si	68.1109	-26.3514	10.3835	72.94573	416.66
Si	18.8939	-28.8373	-64.0313	72.95694	423.96
Si	35.7948	-5.9646	64.0313	73.02221	416.01
Si	-8.9505	73.5825	-5.1917	73.02695	412.25
Si	-53.1958	-23.3656	41.5338	73.03325	426.71
Si	-23.3656	56.1816	-41.5338	73.03325	404.41
Si	56.1816	-23.3656	-41.5338	73.03325	433.77
Si	-28.8373	28.8373	-60.5701	73.05048	409.42
Si	-30.8231	50.7099	-43.2644	73.0647	396.49
Si	8.4505	-1.4929	72.6842	73.07742	421.52
Si	56.1816	6.4646	48.4561	73.23637	413.79
Si	65.6251	28.8373	22.4975	73.25833	401.52
Si	-15.908	-3.9787	-70.9536	73.26078	432.2
Si	-23.8655	-60.6534	29.4198	73.28527	413.52
Si	53.1958	3.4788	51.9173	73.29758	415.93
Si	-70.5968	-3.9787	12.114	73.3049	429.39
Si	53.1958	-1.4929	-51.9173	73.33148	433.46
Si	13.4222	58.1675	-44.995	73.34074	426.87
Si	13.4222	58.1675	44.995	73.34074	406.17
Si	8.4505	8.4505	72.6842	73.34713	425.81
Si	31.3231	26.3514	-62.3007	73.41092	450.78
Si	-23.3656	31.3231	62.3007	73.41092	406.79
Si	13.4222	63.1392	-38.0727	73.43093	429.43
Si	-66.125	-21.3797	17.3058	73.44947	415.86
Si	55.6816	43.7524	-25.9586	73.45837	417.92
Si	38.7807	50.7099	39.8032	73.46421	415.57
Si	65.6251	33.809	15.5752	73.48364	395.24
Si	-53.1958	-33.309	-34.6115	73.48457	402.87
Si	-53.1958	36.2948	34.6115	73.48457	414.6
Si	-53.1958	-33.309	34.6115	73.48457	427.5
Si	56.1816	-33.309	-34.6115	73.48457	433.23
Si	-21.3797	48.2241	51.9173	73.50076	433.52
Si	-11.4363	58.1675	-44.995	73.51	417.39
Si	-58.6675	43.7524	1.7306	73.53995	419.13
Si	21.3797	16.408	69.223	73.55113	426.15
Si	1.4929	-23.3656	69.223	73.55113	427.12
Si	26.3514	1.4929	-69.223	73.55113	426.43
Si	-31.3231	-1.4929	-65.7618	73.5556	416.03
Si	-1.4929	-31.3231	-65.7618	73.5556	411.4
Si	-8.9505	-25.8515	-67.4924	73.56632	417.41
Si	-21.3797	-36.2948	58.8396	73.57417	410.41
Si	-20.8798	-63.6392	25.9586	73.59735	415.65
Si	-1.4929	68.1109	31.1504	73.60175	424.14
Si	-61.1533	-21.3797	-31.1504	73.60738	414.1
Si	-20.8798	-68.6109	-1.7306	73.60752	417.48
Si	-26.3514	-16.408	-65.7618	73.62315	421.6
Si	3.9787	30.8231	67.4924	73.63199	428.52
Si	-71.0967	8.4505	-10.3835	73.65782	429.52
Si	73.0826	3.4788	-17.3058	73.67848	442.36
Si	13.9222	-68.6109	19.0363	73.69807	420.43
Si	-46.2382	48.2241	-31.1504	73.70487	406.75
Si	58.1675	-26.3514	38.0727	73.73494	415.56
Si	30.8231	-65.6251	8.6529	73.75605	414.62

Si	48.2241	53.1958	24.2281	73.78342	407.5
Si	53.6957	-43.7524	25.9586	73.79783	423.02
Si	-31.3231	8.4505	-65.7618	73.82357	418.58
Si	33.309	43.2524	-51.9173	73.83442	426.24
Si	23.3656	-46.2382	-51.9173	73.83816	422.54
Si	10.9363	68.6109	29.4198	73.88858	408.07
Si	-53.1958	51.2099	0	73.90963	422.4
Si	1.4929	41.2665	-62.3007	73.91425	410.31
Si	-18.3939	46.2382	-55.3784	73.92154	402.69
Si	46.2382	21.3797	55.3784	73.92154	397.83
Si	-31.3231	-6.4646	-65.7618	73.92451	417.11
Si	-18.8939	-20.8798	-67.4924	73.96879	422.06
Si	-63.1392	11.4363	34.6115	73.9874	417.22
Si	35.7948	-40.7666	50.1867	74.03504	412.92
Si	-18.3939	36.2948	-62.3007	74.08127	410.71
Si	-33.309	-18.3939	62.3007	74.08127	435.76
Si	-56.1816	13.4222	-44.995	74.11614	440.73
Si	38.7807	-48.724	39.8032	74.13781	414.69
Si	-46.2382	-21.3797	51.9173	74.14051	423.85
Si	-13.4222	71.0967	-20.7669	74.15129	415.24
Si	-23.8655	-15.908	-67.4924	74.1692	424.27
Si	48.2241	58.1675	-10.3835	74.18646	426.44
Si	-53.6957	-40.7666	-25.9586	74.19904	396.66
Si	-53.6957	43.7524	-25.9586	74.19904	408.78
Si	-8.4505	-23.3656	69.223	74.22021	434.35
Si	50.7099	53.6957	-19.0363	74.22828	419.25
Si	-53.1958	-48.2241	6.9223	74.23309	396.29
Si	26.3514	-68.1109	6.9223	74.23309	414.93
Si	41.2665	-38.2807	-48.4561	74.24198	418.29
Si	-38.2807	41.2665	48.4561	74.24198	426.77
Si	-38.2807	-38.2807	-48.4561	74.24198	404.65
Si	68.1109	-26.3514	17.3058	74.24791	417.45
Si	-26.3514	68.1109	-17.3058	74.24791	411.51
Si	-11.4363	-6.4646	-72.6842	74.25276	431.68
Si	-31.3231	43.2524	-51.9173	74.27077	390.59
Si	65.6251	-30.8231	-19.0363	74.29429	420.8
Si	28.8373	70.5968	-1.7306	74.33742	426.08
Si	58.6675	35.7948	32.8809	74.34183	408.42
Si	35.7948	58.6675	-32.8809	74.34183	422
Si	68.1109	-31.3231	3.4611	74.34264	415.76
Si	-31.3231	68.1109	-3.4611	74.34264	407.82
Si	-36.2948	63.1392	-17.3058	74.34827	414.89
Si	55.6816	48.724	-19.0363	74.36117	420.63
Si	45.7383	38.7807	-46.7255	74.37272	437.13
Si	10.9363	-60.6534	-39.8032	74.40182	437.02
Si	-60.6534	25.8515	32.8809	74.40867	413.73
Si	36.2948	-58.1675	-27.6892	74.41255	434.43
Si	-28.3373	-38.2807	-55.3784	74.42142	406.99
Si	58.6675	10.9363	46.7255	74.44046	414.4
Si	58.1675	43.2524	24.2281	74.45042	403.22
Si	0.993	3.9787	-74.4147	74.45792	438.26
Si	63.6392	35.7948	-22.4975	74.4642	426.39
Si	-51.2099	48.2241	24.2281	74.48751	418.49
Si	73.5825	-8.9505	-15.5752	74.48871	441.66
Si	43.2524	63.1392	-3.4611	74.53926	423.18
Si	-41.2665	-46.2382	-38.0727	74.53959	400.93
Si	-43.2524	36.2948	48.4561	74.57418	419.48
Si	-53.1958	16.408	48.4561	74.57418	419.36
Si	11.4363	41.2665	62.3007	74.58008	413.76
Si	51.2099	6.4646	-55.3784	74.5873	434.24
Si	-8.9505	43.7524	-60.5701	74.58998	410.97
Si	63.1392	-16.408	38.0727	74.63401	424.36

Si	68.6109	-28.8373	12.114	74.6424	417.51
Si	61.1533	-38.2807	-20.7669	74.64963	419.1
Si	30.8231	-30.8231	-60.5701	74.65475	421.46
Si	20.8798	73.5825	1.7306	74.67103	427.8
Si	5.9646	73.5825	-19.0363	74.69469	415.8
Si	-35.7948	10.9363	-64.0313	74.69644	418.7
Si	36.2948	-63.1392	-13.8446	74.70043	417.39
Si	36.2948	66.125	13.8446	74.70043	412.35
Si	21.3797	21.3797	-69.223	74.71809	433.03
Si	-23.8655	-60.6534	-32.8809	74.74197	413.74
Si	-11.4363	13.4222	72.6842	74.78274	420.92
Si	68.6109	-18.8939	25.9586	74.79499	423.75
Si	66.125	-13.4222	34.6115	74.81794	422.48
Si	20.8798	-70.5968	-5.1917	74.8313	423.71
Si	0.993	33.809	-67.4924	74.83184	416.88
Si	-41.2665	-31.3231	51.9173	74.83754	411.91
Si	-18.8939	-10.9363	70.9536	74.86332	433.32
Si	-18.8939	13.9222	70.9536	74.86332	420.26
Si	56.1816	31.3231	41.5338	74.87157	410.23
Si	-66.125	-6.4646	31.1504	74.8722	416.18
Si	-65.6251	5.9646	32.8809	74.87303	418.25
Si	-43.7524	33.809	50.1867	74.90101	419.7
Si	63.6392	-33.809	-22.4975	74.93006	422.08
Si	-51.2099	13.4222	-51.9173	74.93527	439.82
Si	-61.1533	28.3373	31.1504	74.93672	415.2
Si	-18.8939	-70.5968	1.7306	74.93686	417.1
Si	-63.6392	-5.9646	36.3421	74.95696	416.63
Si	8.9505	-63.6392	-36.3421	74.95696	436.8
Si	10.9363	-20.8798	70.9536	74.99417	424.02
Si	-60.6534	-38.7807	12.114	75.03909	401.42
Si	-23.3656	-13.4222	69.223	75.04818	431.87
Si	-13.4222	-23.3656	-69.223	75.04818	418.08
Si	16.408	-23.3656	69.223	75.04818	425.36
Si	-0.993	10.9363	74.4147	75.05272	422.54
Si	-3.9787	-50.7099	-53.6478	75.05441	413.95
Si	6.4646	71.0967	-27.6892	75.07395	413
Si	18.3939	-56.1816	-44.995	75.07688	418.05
Si	51.2099	11.4363	55.3784	75.08274	410.46
Si	-20.8798	70.5968	19.0363	75.08835	421.06
Si	23.8655	70.5968	19.0363	75.08835	410.28
Si	3.9787	70.5968	-29.4198	75.14683	413.92
Si	61.1533	31.3231	34.6115	75.14759	408.62
Si	31.3231	-58.1675	34.6115	75.14759	405.7
Si	40.7666	-60.6534	15.5752	75.1476	418.22
Si	73.5825	15.908	-15.5752	75.14852	414.9
Si	40.7666	-0.993	64.0313	75.15719	412.73
Si	-0.993	40.7666	-64.0313	75.15719	410.63
Si	-15.908	-33.809	-64.0313	75.15994	412.21
Si	-65.6251	-23.8655	-22.4975	75.19313	411.77
Si	-68.1109	-23.3656	13.8446	75.19513	417.05
Si	48.2241	-1.4929	-58.8396	75.19849	434.48
Si	-68.6109	-20.8798	15.5752	75.21741	416.44
Si	-63.6392	38.7807	-5.1917	75.22974	417.92
Si	-51.2099	-51.2099	-10.3835	75.25282	400.2
Si	28.8373	-63.6392	25.9586	75.25787	415.2
Si	55.6816	-50.7099	1.7306	75.26323	395.79
Si	-36.2948	-26.3514	-58.8396	75.26824	402.06
Si	-10.9363	75.5684	5.1917	75.29029	415.31
Si	-0.993	-73.5825	5.1917	75.29579	421.54
Si	-68.1109	-18.3939	-20.7669	75.30895	411.34
Si	-18.3939	-68.1109	-20.7669	75.30895	413.99
Si	46.2382	-48.2241	34.6115	75.31187	416.53

Si	-53.6957	-30.8231	-39.8032	75.32868	403.01
Si	-13.9222	-70.5968	15.5752	75.34672	410.58
Si	38.7807	-58.6675	25.9586	75.38895	422
Si	-23.8655	43.7524	57.109	75.43439	432.1
Si	-53.6957	-40.7666	29.4198	75.47961	415.3
Si	-40.7666	-53.6957	-29.4198	75.47961	389.49
Si	-15.908	-48.724	53.6478	75.51572	415.14
Si	6.4646	-28.3373	-69.223	75.5406	417.97
Si	-63.6392	-35.7948	8.6529	75.54755	400.88
Si	-73.0826	11.4363	6.9223	75.55326	419.04
Si	-6.4646	48.2241	-58.8396	75.55938	410.38
Si	33.309	53.1958	-44.995	75.56454	419.7
Si	-10.9363	5.9646	74.4147	75.57801	422.26
Si	-56.1816	-46.2382	10.3835	75.58057	399.21
Si	3.4788	73.0826	-24.2281	75.60441	414.45
Si	-73.5825	3.9787	8.6529	75.61332	430.87
Si	18.8939	30.8231	67.4924	75.61933	410.04
Si	-53.6957	-10.9363	50.1867	75.62391	416.54
Si	23.8655	45.7383	-57.109	75.62818	426.85
Si	13.9222	-3.9787	74.4147	75.64375	422.07
Si	-15.908	-68.6109	-22.4975	75.6536	414.66
Si	38.7807	-13.9222	-64.0313	75.68358	427.37
Si	63.1392	23.3656	-38.0727	75.68493	421.2
Si	68.1109	-16.408	31.1504	75.68847	423.23
Si	-43.2524	-43.2524	41.5338	75.69241	402.32
Si	-53.6957	23.8655	-46.7255	75.6941	440.94
Si	-53.1958	-18.3939	48.4561	75.72538	420.72
Si	-53.1958	-18.3939	-48.4561	75.72538	408.12
Si	-71.0967	-11.4363	-17.3058	75.73575	408.15
Si	-50.7099	55.6816	-8.6529	75.73923	408.9
Si	3.4788	-46.2382	58.8396	75.79112	405.37
Si	-16.408	73.0826	17.3058	75.79589	421.61
Si	-65.6251	20.8798	-29.4198	75.80365	409.44
Si	-46.2382	-26.3514	-51.9173	75.82192	408.63
Si	-26.3514	-46.2382	51.9173	75.82192	415.16
Si	35.7948	68.6109	8.6529	75.87039	412.74
Si	48.724	60.6534	5.1917	75.87947	426
Si	-45.7383	60.6534	5.1917	75.87947	414.37
Si	-53.1958	-43.2524	-27.6892	75.89261	399.45
Si	-36.2948	-1.4929	-65.7618	75.90419	416.38
Si	-1.4929	-36.2948	-65.7618	75.90419	411.29
Si	45.7383	-50.7099	-32.8809	75.92064	412.93
Si	-50.7099	30.8231	46.7255	75.9518	416.56
Si	-18.3939	66.125	34.6115	75.96545	425.36
Si	53.6957	-53.6957	-1.7306	75.98631	395.73
Si	-28.3373	71.0967	-6.9223	76.04241	404.55
Si	-5.9646	75.5684	-15.5752	76.06174	412.43
Si	-23.8655	33.809	64.0313	76.07484	405.18
Si	58.6675	0.993	-50.1867	76.07812	429.57
Si	48.2241	13.4222	-58.8396	76.08026	433.23
Si	-70.5968	25.8515	-1.7306	76.11342	422.78
Si	70.5968	13.9222	29.4198	76.12722	415.45
Si	-36.2948	8.4505	65.7618	76.1639	416.78
Si	23.8655	50.7099	53.6478	76.16392	392.49
Si	13.9222	-8.9505	74.4147	76.16497	422.05
Si	68.1109	38.2807	-3.4611	76.17926	418.15
Si	-71.0967	-21.3797	3.4611	76.18652	425.67
Si	26.3514	-18.3939	69.223	76.19222	416.58
Si	-38.2807	-63.1392	6.9223	76.20476	401.7
Si	-33.809	-0.993	-67.4924	76.20779	414.27
Si	-0.993	-58.6675	46.7255	76.21497	397.93
Si	-50.7099	15.908	53.6478	76.23006	420.14

Si	68.1109	-31.3231	-17.3058	76.2518	424.45
Si	-6.4646	-36.2948	65.7618	76.26174	414.34
Si	48.2241	48.2241	-38.0727	76.27016	409.69
Si	73.5825	25.8515	5.1917	76.27064	425.84
Si	3.9787	55.6816	53.6478	76.29344	402.62
Si	1.4929	6.4646	76.1453	76.30743	423.88
Si	-13.9222	-65.6251	-32.8809	76.3125	415.26
Si	23.8655	-63.6392	32.8809	76.31431	405.96
Si	-55.6816	20.8798	46.7255	76.34169	419.38
Si	18.3939	-66.125	31.1504	76.34244	410.71
Si	38.7807	35.7948	-57.109	76.34419	429.18
Si	63.1392	3.4788	44.995	76.34629	409.15
Si	43.7524	20.8798	60.5701	76.3574	396.92
Si	-13.9222	-5.9646	-74.4147	76.35962	431.7
Si	76.0684	16.408	6.9223	76.36678	426.41
Si	31.3231	66.125	27.6892	76.37959	407.08
Si	-63.1392	31.3231	-27.6892	76.37959	411.24
Si	0.993	-15.908	-74.4147	76.42379	434.74
Si	-50.7099	-13.9222	53.6478	76.42545	418.92
Si	-23.8655	-70.5968	1.7306	76.43929	418.54
Si	-53.6957	-50.7099	8.6529	76.45781	399.5
Si	65.6251	-10.9363	-39.8032	76.49651	430.71
Si	-45.7383	-58.6675	-1.7306	76.50519	400.54
Si	18.3939	18.3939	-72.6842	76.51322	430.31
Si	-3.9787	-65.6251	36.3421	76.52127	403.6
Si	41.2665	21.3797	62.3007	76.54281	398.77
Si	21.3797	41.2665	-62.3007	76.54281	423.23
Si	21.3797	-38.2807	-62.3007	76.54281	420.01
Si	-38.2807	21.3797	-62.3007	76.54281	410.93
Si	21.3797	41.2665	62.3007	76.54281	406.32
Si	-33.309	-38.2807	55.3784	76.54984	410.01
Si	33.309	-21.3797	-65.7618	76.5509	422.04
Si	-21.3797	33.309	-65.7618	76.5509	410.03
Si	65.6251	-35.7948	-19.0363	76.5878	421.66
Si	-36.2948	43.2524	-51.9173	76.59743	391.1
Si	55.6816	28.8373	-46.7255	76.59901	424.03
Si	-21.3797	-6.4646	72.6842	76.61242	431.54
Si	-3.9787	18.8939	-74.4147	76.61778	422.52
Si	8.4505	63.1392	44.995	76.63694	406.65
Si	-55.6816	10.9363	-50.1867	76.66035	439.35
Si	38.2807	-41.2665	-51.9173	76.66231	420.75
Si	3.4788	78.0543	-3.4611	76.66533	417.52
Si	68.1109	-36.2948	-3.4611	76.66712	412.65
Si	28.3373	-66.125	24.2281	76.67986	412.55
Si	45.7383	-30.8231	-53.6478	76.68159	421.44
Si	-46.2382	13.4222	58.8396	76.69849	428.24
Si	13.9222	75.5684	-15.5752	76.70893	420.89
Si	28.8373	70.5968	19.0363	76.71661	410.93
Si	70.5968	-25.8515	-19.0363	76.71661	424.27
Si	-68.1109	-23.3656	20.7669	76.77173	414.77
Si	70.5968	-30.8231	8.6529	76.77593	416.03
Si	25.8515	-25.8515	-67.4924	76.78723	420.95
Si	-55.6816	-8.9505	-50.1867	76.78994	409.27
Si	48.724	0.993	60.5701	76.80997	407.79
Si	-20.8798	-48.724	53.6478	76.81384	416.5
Si	-70.5968	-3.9787	25.9586	76.81607	415.13
Si	30.8231	3.9787	70.9536	76.81701	420.8
Si	1.4929	-63.1392	41.5338	76.82685	401.21
Si	31.3231	16.408	69.223	76.8383	406.98
Si	-71.0967	8.4505	24.2281	76.84176	425.19
Si	-18.8939	-45.7383	57.109	76.86245	414.17
Si	-58.1675	41.2665	-27.6892	76.86348	408.1

Si	15.908	-70.5968	22.4975	76.88206	420.06
Si	-50.7099	-53.6957	12.114	76.92642	397.37
Si	-11.4363	-36.2948	65.7618	76.93956	414.49
Si	-48.724	53.6957	-25.9586	76.94628	407.37
Si	53.1958	-46.2382	-31.1504	76.95318	396.93
Si	78.0543	8.4505	3.4611	76.95477	428.31
Si	35.7948	68.6109	15.5752	76.96772	410.55
Si	45.7383	-40.7666	-46.7255	76.98562	417.02
Si	-63.1392	-3.4788	41.5338	76.98755	415.1
Si	-38.7807	33.809	57.109	76.99169	421.38
Si	-3.9787	-45.7383	-60.5701	77.00299	407.52
Si	10.9363	18.8939	-74.4147	77.0034	430.46
Si	-58.1675	6.4646	48.4561	77.01996	417.86
Si	23.8655	65.6251	-36.3421	77.03386	412
Si	-70.5968	25.8515	12.114	77.05198	415.91
Si	65.6251	-25.8515	-32.8809	77.08308	430.5
Si	-31.3231	-66.125	-17.3058	77.1269	404.43
Si	-53.6957	48.724	-25.9586	77.13896	408.22
Si	68.1109	-6.4646	-38.0727	77.14147	429.21
Si	66.125	41.2665	13.8446	77.14221	391.29
Si	8.4505	58.1675	-51.9173	77.17396	410.15
Si	-10.9363	-33.809	67.4924	77.1747	416.1
Si	26.3514	56.1816	-48.4561	77.18026	422.39
Si	60.6534	43.7524	-25.9586	77.1989	414.8
Si	-65.6251	25.8515	-29.4198	77.22488	409.62
Si	43.7524	-28.8373	-57.109	77.24774	419.88
Si	-33.309	-58.1675	34.6115	77.25601	401.87
Si	-58.1675	36.2948	-34.6115	77.25601	411.3
Si	55.6816	-10.9363	-53.6478	77.25927	413.07
Si	28.3373	63.1392	38.0727	77.26846	400.24
Si	-51.2099	43.2524	38.0727	77.27204	414.15
Si	-30.8231	20.8798	67.4924	77.30074	408.4
Si	20.8798	33.809	-67.4924	77.30074	420.04
Si	-73.0826	16.408	-13.8446	77.30225	418.15
Si	-8.9505	73.5825	-25.9586	77.32937	412.66
Si	43.2524	-26.3514	-58.8396	77.33856	420.93
Si	-28.3373	36.2948	-62.3007	77.34591	408.44
Si	31.3231	-33.309	-62.3007	77.34591	423.43
Si	33.809	50.7099	-50.1867	77.36502	419.28
Si	-30.8231	50.7099	-50.1867	77.36502	392.91
Si	-43.7524	-55.6816	-25.9586	77.39452	391.41
Si	-55.6816	-43.7524	25.9586	77.39452	415.09
Si	15.908	28.8373	70.9536	77.39458	410.21
Si	1.4929	76.0684	20.7669	77.41299	418.23
Si	1.4929	76.0684	-20.7669	77.41299	416.39
Si	43.7524	-8.9505	-64.0313	77.42692	429.97
Si	-8.9505	43.7524	64.0313	77.42692	415.54
Si	-21.3797	-51.2099	51.9173	77.43476	416.66
Si	48.724	-58.6675	12.114	77.439	407.9
Si	73.0826	18.3939	-24.2281	77.445	413.1
Si	58.6675	30.8231	-43.2644	77.46611	426.61
Si	66.125	11.4363	-41.5338	77.46765	419.94
Si	13.9222	75.5684	19.0363	77.48584	414.94
Si	21.3797	76.0684	6.9223	77.49135	425.96
Si	61.1533	-8.4505	48.4561	77.49986	403.59
Si	-18.3939	-68.1109	-27.6892	77.50397	414.99
Si	8.9505	-18.8939	74.4147	77.51636	422.17
Si	-50.7099	50.7099	-29.4198	77.5434	406.81
Si	53.6957	50.7099	-29.4198	77.5434	409.67
Si	68.6109	-23.8655	-29.4198	77.54608	434.04
Si	-43.7524	18.8939	-60.5701	77.58006	412.3
Si	-68.6109	28.8373	-19.0363	77.61851	417.74

Si	-3.4788	36.2948	69.223	77.63835	419.09
Si	-33.309	6.4646	69.223	77.63835	416.98
Si	6.4646	-33.309	-69.223	77.63835	417.94
Si	-56.1816	-1.4929	-51.9173	77.65735	418.3
Si	-1.4929	-56.1816	-51.9173	77.65735	413.59
Si	25.8515	73.5825	15.5752	77.67138	411.52
Si	10.9363	38.7807	-67.4924	77.68386	412.84
Si	-76.0684	-1.4929	-3.4611	77.69589	430.92
Si	71.0967	1.4929	34.6115	77.73445	415.43
Si	35.7948	-65.6251	-19.0363	77.74204	418.47
Si	-13.4222	-3.4788	76.1453	77.75143	423.75
Si	16.408	-3.4788	-76.1453	77.75143	420.86
Si	25.8515	-55.6816	-46.7255	77.75309	417.08
Si	10.9363	-75.5684	-5.1917	77.81121	422.4
Si	-11.4363	68.1109	38.0727	77.81162	421.83
Si	-60.6534	-43.7524	12.114	77.82056	402
Si	-20.8798	-53.6957	-50.1867	77.87827	400.16
Si	20.8798	-10.9363	-74.4147	77.89665	420.75
Si	-66.125	8.4505	-38.0727	77.91095	409.84
Si	31.3231	-18.3939	-69.223	77.95607	420.38
Si	21.3797	-28.3373	-69.223	77.95607	419.49
Si	-58.6675	43.7524	-25.9586	77.96781	408.86
Si	-58.1675	-48.2241	6.9223	77.96834	399.84
Si	43.7524	50.7099	-43.2644	77.97426	412.75
Si	-38.2807	-23.3656	62.3007	77.98244	425.53
Si	6.4646	-53.1958	-55.3784	77.98935	402.97
Si	-68.6109	-15.908	29.4198	77.99265	414.19
Si	33.809	-48.724	-50.1867	78.00494	417.73
Si	-48.724	33.809	50.1867	78.00494	420.61
Si	-21.3797	-71.0967	17.3058	78.05059	410.07
Si	-55.6816	45.7383	-29.4198	78.05193	407.95
Si	48.724	60.6534	19.0363	78.05845	407.1
Si	68.1109	-31.3231	24.2281	78.11432	406.11
Si	-31.3231	68.1109	-24.2281	78.11432	412.25
Si	-0.993	70.5968	-36.3421	78.11703	410.49
Si	30.8231	-50.7099	50.1867	78.12876	400.39
Si	78.5542	5.9646	12.114	78.13577	429.51
Si	18.3939	63.1392	-44.995	78.1694	422.02
Si	33.309	-26.3514	-65.7618	78.1805	422.98
Si	-48.724	53.6957	29.4198	78.18186	410.47
Si	8.9505	45.7383	-64.0313	78.1874	410.79
Si	68.6109	-3.9787	39.8032	78.22439	416.54
Si	-8.4505	16.408	76.1453	78.22684	419.43
Si	11.4363	-13.4222	-76.1453	78.22684	421.6
Si	38.2807	63.1392	31.1504	78.25569	407.63
Si	23.3656	48.2241	-58.8396	78.25799	427.74
Si	-63.1392	16.408	41.5338	78.26126	412.06
Si	-13.4222	66.125	41.5338	78.26126	419.59
Si	53.1958	-36.2948	44.995	78.2665	408.64
Si	45.7383	23.8655	-60.5701	78.27469	418.95
Si	-76.0684	-1.4929	10.3835	78.3102	430.87
Si	-60.6534	10.9363	46.7255	78.32375	416.47
Si	78.0543	-11.4363	10.3835	78.33664	421.45
Si	-10.9363	65.6251	-43.2644	78.3532	413.39
Si	18.3939	-71.0967	-24.2281	78.37023	414.96
Si	-45.7383	-53.6957	-29.4198	78.3715	388.38
Si	73.5825	-28.8373	5.1917	78.38233	415.24
Si	-28.8373	-70.5968	-5.1917	78.38234	413.07
Si	73.0826	8.4505	31.1504	78.38264	415.77
Si	53.1958	-1.4929	-58.8396	78.38493	434.28
Si	73.0826	28.3373	-17.3058	78.3913	415.9
Si	-68.6109	13.9222	-32.8809	78.42307	408.58

Si	10.9363	-70.5968	29.4198	78.43227	413.54
Si	68.6109	-38.7807	5.1917	78.44574	408.54
Si	66.125	-33.309	27.6892	78.45491	408.43
Si	51.2099	-23.3656	55.3784	78.46332	392.9
Si	51.2099	-23.3656	-55.3784	78.46332	418.02
Si	78.0543	18.3939	3.4611	78.48104	426.48
Si	10.9363	-0.993	77.8759	78.48573	420.4
Si	-36.2948	68.1109	-17.3058	78.51979	414.78
Si	31.3231	71.0967	20.7669	78.52257	409.89
Si	5.9646	58.6675	-53.6478	78.53034	413.13
Si	38.7807	70.5968	-1.7306	78.54117	421.52
Si	-5.9646	-63.6392	-43.2644	78.54683	402.23
Si	68.1109	18.3939	38.0727	78.56926	415.21
Si	60.6534	-10.9363	50.1867	78.56938	405.2
Si	61.1533	31.3231	41.5338	78.57646	411.73
Si	-63.6392	-40.7666	-12.114	78.57986	408.71
Si	65.6251	-35.7948	-25.9586	78.5949	421.41
Si	-23.8655	-20.8798	70.9536	78.60024	429.24
Si	-48.724	-40.7666	43.2644	78.60922	402.34
Si	0.993	78.5542	15.5752	78.62117	416.97
Si	23.8655	60.6534	46.7255	78.63694	394.16
Si	58.1675	53.1958	17.3058	78.6428	397.15
Si	-23.8655	3.9787	-74.4147	78.6561	416.32
Si	-23.8655	-0.993	-74.4147	78.6561	415.7
Si	-60.6534	-33.809	32.8809	78.67358	417.08
Si	-63.1392	41.2665	-20.7669	78.67981	405.29
Si	-38.2807	66.125	-20.7669	78.67981	412.92
Si	-53.1958	46.2382	34.6115	78.6826	415.14
Si	-28.8373	73.5825	8.6529	78.68741	403.62
Si	1.4929	21.3797	-76.1453	78.69937	421.62
Si	18.8939	30.8231	-70.9536	78.72399	419.55
Si	38.7807	55.6816	-43.2644	78.73121	413.39
Si	51.2099	-43.2524	-41.5338	78.73359	411.62
Si	51.2099	-43.2524	41.5338	78.73359	406.63
Si	5.9646	78.5542	15.5752	78.74665	415.58
Si	-68.6109	-30.8231	15.5752	78.74929	411.98
Si	-23.8655	73.5825	-19.0363	78.755	410.15
Si	-25.8515	55.6816	-50.1867	78.75809	393.5
Si	30.8231	73.5825	-12.114	78.76504	423.4
Si	-13.4222	-73.0826	-20.7669	78.83673	416.58
Si	-73.0826	-13.4222	-20.7669	78.83673	410.41
Si	16.408	76.0684	20.7669	78.83674	416.3
Si	-15.908	20.8798	74.4147	78.84285	418.03
Si	-6.4646	-41.2665	-65.7618	78.84357	408.17
Si	-58.1675	51.2099	13.8446	78.88483	409.51
Si	28.8373	-28.8373	67.4924	78.8851	411.06
Si	-33.309	-13.4222	-69.223	78.90156	413.22
Si	36.2948	16.408	69.223	78.90156	408.35
Si	26.3514	-73.0826	6.9223	78.91368	414.91
Si	56.1816	31.3231	48.4561	78.92204	411.58
Si	-23.8655	68.6109	-32.8809	78.92418	399.8
Si	-48.2241	-53.1958	-27.6892	78.92608	391.5
Si	71.0967	26.3514	-27.6892	78.92608	409.61
Si	41.2665	-38.2807	-55.3784	78.93444	420.3
Si	23.8655	35.7948	67.4924	78.94546	402.38
Si	8.9505	-23.8655	74.4147	78.96973	421.74
Si	60.6534	-45.7383	22.4975	78.9739	415.7
Si	28.8373	75.5684	-1.7306	78.98035	424.96
Si	16.408	16.408	76.1453	79.01283	418.64
Si	13.9222	50.7099	60.5701	79.02876	395.01
Si	-23.8655	-50.7099	-53.6478	79.03339	400.91
Si	36.2948	-68.1109	-13.8446	79.04135	419.9

Si	-61.1533	43.2524	-24.2281	79.09109	407.57
Si	-28.8373	18.8939	70.9536	79.10197	408.63
Si	-40.7666	45.7383	-50.1867	79.13415	391.18
Si	73.0826	-11.4363	31.1504	79.13655	415.43
Si	66.125	31.3231	-34.6115	79.15242	410.01
Si	-28.3373	-63.1392	-34.6115	79.15242	411.53
Si	71.0967	-13.4222	-34.6115	79.15242	428.96
Si	13.4222	-76.0684	-10.3835	79.15732	423.23
Si	-76.0684	13.4222	10.3835	79.15732	420.82
Si	-60.6534	40.7666	-29.4198	79.18396	409.1
Si	-40.7666	-58.6675	-29.4198	79.18745	389.98
Si	23.8655	-13.9222	74.4147	79.21939	416.67
Si	46.2382	-18.3939	-62.3007	79.24017	421.8
Si	16.408	56.1816	55.3784	79.24696	396.54
Si	35.7948	-45.7383	-53.6478	79.28111	417.98
Si	-45.7383	35.7948	53.6478	79.28111	419.02
Si	50.7099	-60.6534	1.7306	79.29356	396.08
Si	8.4505	-51.2099	58.8396	79.29745	401.3
Si	28.3373	-71.0967	17.3058	79.30549	407.79
Si	-53.1958	41.2665	41.5338	79.35899	412.9
Si	41.2665	-53.1958	-41.5338	79.35899	414.86
Si	21.3797	-63.1392	-41.5338	79.35899	416.75
Si	53.1958	-56.1816	-17.3058	79.36641	396.75
Si	-36.2948	-66.125	17.3058	79.36989	391.63
Si	-70.5968	-13.9222	-29.4198	79.37296	405.68
Si	-51.2099	-6.4646	-58.8396	79.39143	404.45
Si	-33.309	-33.309	62.3007	79.39598	409.31
Si	5.9646	-25.8515	-74.4147	79.40568	415.72
Si	28.8373	5.9646	74.4147	79.40568	419.83
Si	53.1958	48.2241	-38.0727	79.41361	408.72
Si	48.2241	53.1958	-38.0727	79.41361	408.09
Si	-66.125	18.3939	-38.0727	79.41883	407.62
Si	18.3939	-56.1816	-51.9173	79.4191	416.12
Si	-56.1816	18.3939	51.9173	79.4191	419.7
Si	-25.8515	-63.6392	-36.3421	79.43956	412.87
Si	-35.7948	70.5968	12.114	79.45105	402.65
Si	58.6675	35.7948	-43.2644	79.48181	425.66
Si	60.6534	18.8939	50.1867	79.50757	412.15
Si	78.5542	-13.9222	12.114	79.51619	421.85
Si	-13.9222	78.5542	-12.114	79.51619	411.39
Si	-75.5684	-13.9222	12.114	79.51619	415.31
Si	-11.4363	78.0543	17.3058	79.55063	416.58
Si	-5.9646	80.5401	5.1917	79.56781	414.29
Si	53.6957	55.6816	25.9586	79.59528	408.29
Si	-58.1675	-38.2807	-34.6115	79.61946	400.82
Si	-55.6816	-53.6957	5.1917	79.6346	398.69
Si	-16.408	-56.1816	-51.9173	79.63787	400.59
Si	33.309	8.4505	-72.6842	79.64709	420.88
Si	33.309	33.309	65.7618	79.68155	397.02
Si	3.4788	-1.4929	79.6064	79.68717	420.98
Si	-45.7383	30.8231	-57.109	79.70244	394.37
Si	6.4646	-73.0826	27.6892	79.70517	414.59
Si	-48.2241	1.4929	-62.3007	79.7067	404.2
Si	51.2099	1.4929	62.3007	79.7067	409.12
Si	41.2665	31.3231	-62.3007	79.7067	427.61
Si	-33.809	48.724	-53.6478	79.71882	394.26
Si	68.6109	35.7948	25.9586	79.7201	391.37
Si	-43.7524	53.6957	-39.8032	79.72808	398.69
Si	70.5968	-20.8798	-32.8809	79.73101	430.97
Si	-6.4646	33.309	72.6842	79.74065	417.9
Si	-0.993	75.5684	-29.4198	79.74265	413.16
Si	-18.8939	38.7807	-67.4924	79.75727	407.11

Si	35.7948	-10.9363	70.9536	79.78421	412.76
Si	48.2241	58.1675	31.1504	79.78822	402.57
Si	-41.2665	-31.3231	58.8396	79.79567	409.06
Si	65.6251	-45.7383	-5.1917	79.81647	402.43
Si	46.2382	66.125	-13.8446	79.81932	414.61
Si	26.3514	-73.0826	-13.8446	79.81932	417.47
Si	76.0684	-23.3656	-13.8446	79.81933	417.76
Si	-45.7383	45.7383	46.7255	79.82297	411.85
Si	58.6675	-28.8373	46.7255	79.82557	406.24
Si	41.2665	1.4929	69.223	79.83585	413.83
Si	10.9363	-25.8515	-74.4147	79.84012	418.13
Si	1.4929	-78.0543	6.9223	79.84784	418.85
Si	75.5684	28.8373	-12.114	79.88523	415.05
Si	13.4222	-71.0967	31.1504	79.88681	413.53
Si	-73.0826	21.3797	20.7669	79.92656	413.21
Si	-73.0826	-18.3939	20.7669	79.92656	414.3
Si	76.0684	-18.3939	20.7669	79.92656	416.84
Si	20.8798	78.5542	8.6529	79.93231	426.8
Si	58.6675	-53.6957	-8.6529	79.9349	392.14
Si	50.7099	-15.908	-60.5701	79.96156	420.99
Si	-21.3797	78.0543	3.4611	79.9799	409.4
Si	-3.9787	18.8939	77.8759	79.98364	419.17
Si	-33.309	-18.3939	-69.223	79.9905	412.54
Si	38.2807	28.3373	65.7618	79.99116	398.56
Si	-78.0543	6.4646	-6.9223	80.00247	426.67
Si	40.7666	18.8939	-67.4924	80.00275	421.18
Si	-46.2382	-36.2948	51.9173	80.00981	408.59
Si	-48.2241	41.2665	48.4561	80.01071	414.48
Si	30.8231	-0.993	-74.4147	80.02497	420.48
Si	30.8231	3.9787	-74.4147	80.02497	420.08
Si	-11.4363	-51.2099	-58.8396	80.04275	402.88
Si	-51.2099	-11.4363	58.8396	80.04275	420.27
Si	-11.4363	-51.2099	58.8396	80.04275	413.16
Si	-31.3231	8.4505	-72.6842	80.05176	414.45
Si	75.5684	-5.9646	29.4198	80.05202	413.82
Si	18.3939	-76.0684	-10.3835	80.05758	422.12
Si	-28.8373	-35.7948	64.0313	80.06434	410.37
Si	38.7807	-28.8373	-64.0313	80.06434	421.45
Si	-48.724	-60.6534	-5.1917	80.0678	401.21
Si	18.8939	-63.6392	-43.2644	80.10482	415.97
Si	73.5825	30.8231	19.0363	80.12218	395.98
Si	20.8798	-60.6534	-46.7255	80.13289	416.86
Si	-65.6251	-33.809	25.9586	80.15541	408.91
Si	-23.8655	28.8373	70.9536	80.15719	405.42
Si	-23.8655	-25.8515	70.9536	80.15719	426.72
Si	81.0401	11.4363	0	80.16625	426.86
Si	13.9222	80.5401	5.1917	80.18671	422.61
Si	53.1958	43.2524	44.995	80.25952	391.9
Si	-76.0684	-16.408	-10.3835	80.27462	410.36
Si	-73.5825	-15.908	22.4975	80.28233	414.21
Si	78.0543	23.3656	10.3835	80.2987	423.35
Si	10.9363	-15.908	77.8759	80.35311	423.03
Si	-53.6957	-55.6816	-12.114	80.38324	399.4
Si	-10.9363	-53.6957	-57.109	80.38475	404.45
Si	51.2099	61.1533	-20.7669	80.3891	408.39
Si	3.4788	68.1109	44.995	80.41422	405.49
Si	-50.7099	50.7099	-36.3421	80.42514	404.67
Si	-65.6251	-23.8655	-36.3421	80.42771	411.55
Si	-38.2807	-8.4505	-69.223	80.45268	412.88
Si	71.0967	41.2665	-6.9223	80.46457	416.49
Si	-8.4505	81.0401	-6.9223	80.46457	411.9
Si	-38.2807	71.0967	6.9223	80.46457	405.32

Si	-76.0684	-11.4363	17.3058	80.51342	412.97
Si	-60.6534	40.7666	32.8809	80.53404	411.02
Si	-26.3514	73.0826	-24.2281	80.54433	411.57
Si	-45.7383	25.8515	60.5701	80.57829	416.69
Si	-73.0826	31.3231	6.9223	80.61802	414.75
Si	31.3231	-73.0826	6.9223	80.61802	417.38
Si	-66.125	23.3656	-38.0727	80.62334	404.65
Si	31.3231	71.0967	27.6892	80.63015	406.23
Si	-58.6675	3.9787	-53.6478	80.6445	420.75
Si	3.9787	-68.6109	39.8032	80.65366	402.93
Si	8.4505	68.1109	-44.995	80.69022	414.52
Si	38.2807	-66.125	24.2281	80.70019	413.82
Si	38.2807	-66.125	-24.2281	80.70019	419.67
Si	0.993	-70.5968	36.3421	80.73361	404.66
Si	26.3514	-63.1392	-41.5338	80.74844	416.48
Si	-23.3656	-58.1675	48.4561	80.77934	410.62
Si	-63.1392	1.4929	-48.4561	80.77934	414.62
Si	-23.3656	-58.1675	-48.4561	80.77934	400.64
Si	66.125	1.4929	48.4561	80.77934	407.51
Si	-38.2807	66.125	27.6892	80.78329	398.72
Si	70.5968	-35.7948	-19.0363	80.79667	421.03
Si	43.7524	-23.8655	-64.0313	80.80171	421.32
Si	-38.7807	-50.7099	-46.7255	80.81071	396.16
Si	-48.724	-60.6534	-12.114	80.81243	398.32
Si	-10.9363	60.6534	53.6478	80.82409	403.02
Si	-35.7948	-8.9505	-70.9536	80.83224	413.93
Si	45.7383	68.6109	8.6529	80.85384	417.21
Si	-66.125	-21.3797	38.0727	80.90033	408.97
Si	-5.9646	80.5401	-15.5752	80.91149	411.42
Si	43.2524	23.3656	-65.7618	80.91287	417.85
Si	-40.7666	15.908	67.4924	80.92518	415.93
Si	-25.8515	-33.809	67.4924	80.92689	411.34
Si	-33.309	-53.1958	48.4561	80.93219	411.08
Si	-3.4788	-63.1392	48.4561	80.93219	399.23
Si	66.125	6.4646	-48.4561	80.93219	414.3
Si	58.1675	-56.1816	3.4611	80.93416	393.93
Si	-13.4222	-73.0826	-27.6892	80.93613	414.31
Si	-73.0826	-13.4222	27.6892	80.93613	412.49
Si	-53.6957	58.6675	15.5752	80.97717	400.74
Si	-53.6957	-55.6816	15.5752	80.97717	397.94
Si	-20.8798	45.7383	-64.0313	80.98265	402.34
Si	-16.408	-71.0967	-31.1504	80.99405	414.14
Si	-13.9222	-45.7383	64.0313	81.04572	410.58
Si	23.3656	73.0826	-31.1504	81.07925	410.53
Si	-63.6392	28.8373	-39.8032	81.0814	403.14
Si	-46.2382	-56.1816	-31.1504	81.08607	390.41
Si	15.908	-15.908	77.8759	81.08786	422.71
Si	-13.9222	43.7524	-67.4924	81.10926	402.59
Si	18.8939	-33.809	-70.9536	81.1383	419.29
Si	53.1958	-56.1816	24.2281	81.15748	408.61
Si	-66.125	-36.2948	-24.2281	81.16088	389.19
Si	38.7807	-23.8655	67.4924	81.17052	403.25
Si	-18.3939	21.3797	-76.1453	81.17313	415.12
Si	50.7099	23.8655	-60.5701	81.18863	419.09
Si	30.8231	-60.6534	43.2644	81.20484	399.19
Si	71.0967	-3.4788	-41.5338	81.2063	428.62
Si	16.408	-38.2807	69.223	81.21714	410.85
Si	-18.8939	-75.5684	15.5752	81.21981	408.35
Si	75.5684	28.8373	-19.0363	81.22366	415.31
Si	81.0401	16.408	-6.9223	81.22891	416.44
Si	63.1392	-41.2665	31.1504	81.23409	403.77
Si	-26.3514	63.1392	-44.995	81.2411	394.28

Si	-76.0684	18.3939	-17.3058	81.24586	416.8
Si	-30.8231	75.5684	-8.6529	81.27968	405.46
Si	3.4788	-76.0684	24.2281	81.2816	413.48
Si	3.4788	-76.0684	-24.2281	81.2816	413.47
Si	-46.2382	3.4788	-65.7618	81.28236	402.27
Si	-53.6957	18.8939	57.109	81.302	418.68
Si	-53.6957	-15.908	57.109	81.302	418.19
Si	26.3514	-73.0826	-20.7669	81.3063	414.2
Si	-63.1392	-43.2524	20.7669	81.3063	406.07
Si	-1.4929	-46.2382	65.7618	81.31294	408.67
Si	-16.408	33.309	-72.6842	81.33691	408.07
Si	26.3514	36.2948	69.223	81.36917	400.62
Si	36.2948	26.3514	-69.223	81.36917	421.62
Si	8.4505	73.0826	38.0727	81.38194	398.28
Si	11.4363	-63.1392	48.4561	81.38902	387.91
Si	-63.1392	-8.4505	48.4561	81.38902	410.25
Si	-8.9505	-70.5968	36.3421	81.40473	402.54
Si	58.1675	28.3373	51.9173	81.41273	411.1
Si	58.6675	35.7948	46.7255	81.41761	411.61
Si	-50.7099	-23.8655	-57.109	81.4225	404.98
Si	-41.2665	-51.2099	-44.995	81.42786	397.63
Si	-51.2099	-41.2665	-44.995	81.42786	394.89
Si	8.9505	40.7666	-70.9536	81.43983	412.74
Si	-10.9363	-18.8939	-77.8759	81.45402	421.5
Si	-40.7666	70.5968	-8.6529	81.46212	400.98
Si	-10.9363	-78.5542	-8.6529	81.4672	412.23
Si	3.9787	65.6251	-50.1867	81.47278	410.82
Si	13.4222	63.1392	51.9173	81.47377	400.54
Si	-13.4222	-23.3656	76.1453	81.47706	428.71
Si	-13.4222	26.3514	-76.1453	81.47706	411.18
Si	-23.3656	16.408	-76.1453	81.47706	413.72
Si	43.2524	-61.1533	-31.1504	81.4785	422.66
Si	3.4788	38.2807	72.6842	81.48786	418.82
Si	-41.2665	38.2807	58.8396	81.50952	421.59
Si	-76.0684	-21.3797	-10.3835	81.52747	410.13
Si	30.8231	58.6675	50.1867	81.53462	388.58
Si	-3.4788	61.1533	55.3784	81.55273	399.72
Si	-3.4788	-58.1675	55.3784	81.55273	397.41
Si	-68.6109	13.9222	-39.8032	81.56788	405.69
Si	-0.993	70.5968	-43.2644	81.56794	411.51
Si	58.6675	-48.724	-29.4198	81.58551	395.93
Si	-78.5542	3.9787	15.5752	81.58622	427.18
Si	45.7383	-10.9363	-67.4924	81.65393	430.1
Si	71.0967	-8.4505	-41.5338	81.6616	430.33
Si	70.5968	38.7807	22.4975	81.68143	390.3
Si	41.2665	36.2948	-62.3007	81.69754	428.07
Si	36.2948	41.2665	62.3007	81.69754	397.81
Si	-23.3656	56.1816	55.3784	81.70414	400.95
Si	-41.2665	-21.3797	65.7618	81.70767	423.31
Si	13.9222	50.7099	-64.0313	81.71174	410.26
Si	-16.408	-31.3231	-72.6842	81.73321	412.79
Si	-35.7948	-38.7807	60.5701	81.73785	408.58
Si	78.5542	-13.9222	-22.4975	81.7448	414.88
Si	78.0543	-21.3797	-17.3058	81.75753	414.21
Si	63.6392	45.7383	-29.4198	81.76387	412.9
Si	73.5825	-33.809	-15.5752	81.76628	421.12
Si	50.7099	38.7807	-53.6478	81.79721	427.55
Si	-20.8798	-48.724	60.5701	81.79864	414.85
Si	-33.809	58.6675	-46.7255	81.8439	391.44
Si	-65.6251	-43.7524	12.114	81.8456	401.54
Si	-43.7524	-35.7948	57.109	81.84707	408.65
Si	30.8231	-15.908	-74.4147	81.85725	418.74

Si	-28.8373	-25.8515	70.9536	81.866	426.89
Si	-5.9646	70.5968	-43.2644	81.87041	412.9
Si	-78.5542	-10.9363	-12.114	81.90716	410.61
Si	-36.2948	-71.0967	3.4611	81.90934	398.42
Si	-43.7524	43.7524	-53.6478	81.9212	390.66
Si	-28.3373	6.4646	-76.1453	81.93086	415.05
Si	48.724	-63.6392	-15.5752	81.94847	403.13
Si	43.7524	20.8798	67.4924	81.95693	398.03
Si	-3.9787	-65.6251	-46.7255	81.9636	403.21
Si	56.1816	-43.2524	-41.5338	81.96373	409.57
Si	40.7666	68.6109	-25.9586	81.98226	402.09
Si	-8.9505	78.5542	-25.9586	81.98393	412.86
Si	-75.5684	-8.9505	25.9586	81.98393	413.44
Si	-8.9505	-75.5684	-25.9586	81.98393	413.64
Si	8.4505	58.1675	-58.8396	81.99092	406.96
Si	-78.0543	21.3797	0	81.99539	419.72
Si	-18.3939	76.0684	-27.6892	81.99807	410
Si	-26.3514	-61.1533	44.995	82.00242	411.18
Si	-61.1533	38.2807	38.0727	82.02082	408.56
Si	-23.8655	78.5542	-12.114	82.02593	409.01
Si	-38.7807	48.724	-53.6478	82.04163	391.63
Si	-8.9505	-0.993	-81.337	82.04239	425.93
Si	-35.7948	-33.809	-64.0313	82.0768	392.28
Si	15.908	58.6675	57.109	82.0863	396.87
Si	-53.1958	-58.1675	-13.8446	82.10901	398.15
Si	28.3373	-66.125	38.0727	82.11169	403.4
Si	-56.1816	28.3373	51.9173	82.11194	414.35
Si	78.0543	-26.3514	-10.3835	82.12655	414.54
Si	48.724	-18.8939	-64.0313	82.1365	421.87
Si	16.408	-63.1392	48.4561	82.14476	389.61
Si	-10.9363	-43.7524	67.4924	82.20003	411.03
Si	1.4929	-78.0543	20.7669	82.21328	413.65
Si	80.5401	-0.993	22.4975	82.22398	415.46
Si	-55.6816	-38.7807	-43.2644	82.2356	396.62
Si	8.9505	-23.8655	-77.8759	82.23939	416.61
Si	78.0543	-16.408	-24.2281	82.27448	414.45
Si	-11.4363	-76.0684	24.2281	82.27952	408.14
Si	60.6534	58.6675	1.7306	82.29145	388.97
Si	58.6675	50.7099	32.8809	82.29461	393.8
Si	-6.4646	-36.2948	72.6842	82.30564	413.89
Si	-40.7666	-68.6109	-8.6529	82.31203	394.86
Si	-36.2948	-56.1816	-44.995	82.33349	395.01
Si	-78.0543	6.4646	-20.7669	82.36347	422.39
Si	-3.4788	76.0684	-34.6115	82.36614	411.68
Si	-28.3373	11.4363	-76.1453	82.38215	414.34
Si	-48.724	38.7807	-53.6478	82.40271	388.05
Si	50.7099	-60.6534	22.4975	82.40516	407.6
Si	3.9787	-68.6109	-43.2644	82.41676	407.49
Si	-15.908	80.5401	-15.5752	82.42479	410.84
Si	53.1958	53.1958	-38.0727	82.43729	407.73
Si	53.1958	-36.2948	51.9173	82.44089	402.11
Si	-43.7524	48.724	50.1867	82.44159	411.51
Si	-48.2241	61.1533	-27.6892	82.44899	397.95
Si	-3.9787	-10.9363	-81.337	82.46294	424.55
Si	-15.908	-58.6675	53.6478	82.46302	400.98
Si	-70.5968	5.9646	39.8032	82.46946	412.61
Si	13.9222	70.5968	-43.2644	82.47203	415.71
Si	38.2807	-11.4363	-72.6842	82.48328	421.17
Si	70.5968	43.7524	15.5752	82.48509	388.91
Si	-38.7807	63.6392	36.3421	82.49159	399.68
Si	-18.8939	53.6957	-60.5701	82.51968	393.49
Si	-38.7807	-10.9363	70.9536	82.52791	420.49

Si	63.1392	-16.408	51.9173	82.55973	402.6
Si	6.4646	46.2382	-69.223	82.57532	409.99
Si	-3.4788	-43.2524	-69.223	82.57532	409.41
Si	33.809	-13.9222	74.4147	82.58028	411.92
Si	-55.6816	-53.6957	-22.4975	82.58845	394.82
Si	-38.7807	73.5825	1.7306	82.59462	403.63
Si	23.3656	-1.4929	79.6064	82.61063	417.84
Si	68.6109	45.7383	19.0363	82.61267	388.5
Si	-73.5825	33.809	-12.114	82.62808	410.71
Si	3.4788	-81.0401	-3.4611	82.62941	416.38
Si	-31.3231	-36.2948	-65.7618	82.64031	392.32
Si	10.9363	-60.6534	-53.6478	82.64033	405.4
Si	-81.0401	-1.4929	3.4611	82.65949	428.49
Si	8.4505	-56.1816	-58.8396	82.68524	401.86
Si	66.125	51.2099	13.8446	82.7089	388.52
Si	48.2241	58.1675	-38.0727	82.73658	407.68
Si	28.8373	40.7666	67.4924	82.73669	402.32
Si	48.724	65.6251	-22.4975	82.76382	406.09
Si	-58.6675	-50.7099	22.4975	82.768	403.02
Si	13.4222	-36.2948	-72.6842	82.78408	419.96
Si	53.1958	28.3373	-58.8396	82.80039	417.34
Si	-38.2807	-68.1109	20.7669	82.81239	393.8
Si	71.0967	41.2665	-20.7669	82.81239	411.66
Si	-68.1109	41.2665	20.7669	82.81239	399.53
Si	11.4363	-78.0543	-20.7669	82.8124	413.86
Si	-8.4505	-73.0826	-34.6115	82.81505	413.83
Si	76.0684	-8.4505	-34.6115	82.81506	427.59
Si	-8.4505	76.0684	-34.6115	82.81506	410.35
Si	10.9363	13.9222	-81.337	82.82135	416.5
Si	23.3656	8.4505	-79.6064	82.84932	419.65
Si	-21.3797	3.4788	-79.6064	82.85099	417.41
Si	38.7807	-28.8373	67.4924	82.85844	402.92
Si	-38.7807	53.6957	50.1867	82.86011	411.27
Si	75.5684	18.8939	-32.8809	82.89231	407.26
Si	0.993	-80.5401	-12.114	82.92419	412.81
Si	28.8373	25.8515	74.4147	82.93735	403.67
Si	78.0543	28.3373	-17.3058	82.95638	414.92
Si	-11.4363	-71.0967	-38.0727	82.98157	412.42
Si	-73.5825	-25.8515	22.4975	83.00707	412.61
Si	-40.7666	-63.6392	-29.4198	83.02752	388.67
Si	-38.7807	73.5825	8.6529	83.0286	403.6
Si	73.0826	-16.408	38.0727	83.03646	414.63
Si	6.4646	-53.1958	62.3007	83.04787	401.1
Si	23.8655	30.8231	74.4147	83.05631	404.35
Si	33.809	70.5968	32.8809	83.07121	405.54
Si	-28.3373	-13.4222	76.1453	83.12886	425.62
Si	16.408	31.3231	76.1453	83.12886	408.94
Si	-53.6957	-60.6534	1.7306	83.13205	398.62
Si	-75.5684	-8.9505	-29.4198	83.14469	405.74
Si	-78.0543	21.3797	-13.8446	83.15598	415.91
Si	21.3797	-78.0543	13.8446	83.15598	416.21
Si	58.6675	-58.6675	5.1917	83.15739	396.36
Si	-10.9363	60.6534	-57.109	83.16177	403.02
Si	41.2665	56.1816	-48.4561	83.19127	413.67
Si	-53.1958	41.2665	-48.4561	83.19127	386.9
Si	38.2807	-71.0967	-17.3058	83.19905	418.76
Si	-6.4646	-21.3797	-79.6064	83.20856	420.6
Si	23.8655	-63.6392	46.7255	83.22256	392.33
Si	-41.2665	-26.3514	-65.7618	83.23636	395.05
Si	-28.3373	-68.1109	-34.6115	83.26155	409.32
Si	-28.3373	-68.1109	34.6115	83.26155	391.46
Si	-31.3231	-71.0967	-24.2281	83.26547	397.77

Si	-18.8939	-70.5968	36.3421	83.26635	400.69
Si	-78.5542	-20.8798	-5.1917	83.27686	411.06
Si	-48.724	-45.7383	-46.7255	83.28144	393.36
Si	-58.6675	8.9505	57.109	83.28456	411.3
Si	0.993	-55.6816	-60.5701	83.29418	402.65
Si	-15.908	5.9646	81.337	83.29766	420.47
Si	-23.8655	-75.5684	-19.0363	83.32997	405.54
Si	-75.5684	30.8231	12.114	83.33946	415.55
Si	-25.8515	55.6816	-57.109	83.34008	394.47
Si	-63.1392	-43.2524	-27.6892	83.34352	390.1
Si	-73.0826	26.3514	27.6892	83.34352	410.31
Si	66.125	46.2382	27.6892	83.34352	388.44
Si	-53.1958	-28.3373	55.3784	83.35144	404.11
Si	-28.3373	56.1816	-55.3784	83.35144	392.05
Si	63.6392	15.908	53.6478	83.35491	411.92
Si	-15.908	-3.9787	81.337	83.35732	425.28
Si	-33.809	73.5825	22.4975	83.36231	401.38
Si	-31.3231	78.0543	3.4611	83.36977	404.22
Si	50.7099	-65.6251	-5.1917	83.39119	397.88
Si	66.125	41.2665	34.6115	83.40985	389.95
Si	5.9646	-55.6816	-60.5701	83.41263	402.65
Si	58.1675	-51.2099	31.1504	83.42625	403.86
Si	33.309	-61.1533	-44.995	83.43474	407.66
Si	3.9787	-73.5825	-36.3421	83.44609	411.27
Si	-73.0826	36.2948	-13.8446	83.45268	409.92
Si	-63.6392	53.6957	1.7306	83.48842	399.95
Si	-63.6392	-50.7099	1.7306	83.48842	400.56
Si	-23.3656	-48.2241	-62.3007	83.49313	397.43
Si	56.1816	-8.4505	-62.3007	83.49313	413.53
Si	43.2524	73.0826	-10.3835	83.52698	414.55
Si	13.9222	15.908	81.337	83.53439	417.35
Si	-6.4646	-81.0401	10.3835	83.56335	414.83
Si	-20.8798	-78.5542	-8.6529	83.56407	406.63
Si	23.8655	-78.5542	-8.6529	83.56407	419.53
Si	-50.7099	65.6251	12.114	83.57524	395.97
Si	-0.993	-28.8373	-77.8759	83.6107	418.71
Si	-28.8373	3.9787	77.8759	83.6107	414.17
Si	-63.6392	-50.7099	-5.1917	83.63179	399.67
Si	40.7666	58.6675	-46.7255	83.63386	412.71
Si	-76.0684	-1.4929	31.1504	83.63621	413.71
Si	78.0543	-11.4363	31.1504	83.66097	413.27
Si	-3.9787	-80.5401	15.5752	83.67763	415.14
Si	-23.8655	-15.908	77.8759	83.7287	427.55
Si	-80.5401	15.908	-8.6529	83.73822	415.72
Si	-26.3514	-51.2099	-58.8396	83.75549	398.5
Si	46.2382	16.408	-69.223	83.76411	420.69
Si	-35.7948	25.8515	-70.9536	83.77426	399.03
Si	15.908	28.8373	77.8759	83.7864	410.33
Si	-73.5825	-15.908	-32.8809	83.78706	404.34
Si	-15.908	-73.5825	32.8809	83.78706	401.26
Si	21.3797	-58.1675	-55.3784	83.79508	413.93
Si	63.1392	58.1675	3.4611	83.81084	387.87
Si	75.5684	38.7807	-12.114	83.81118	414.58
Si	33.809	65.6251	-43.2644	83.83952	399.58
Si	-48.724	68.6109	1.7306	83.84246	398.11
Si	48.724	70.5968	5.1917	83.86345	419.5
Si	-5.9646	50.7099	67.4924	83.86394	412.12
Si	-33.309	-3.4788	-76.1453	83.86893	412.14
Si	58.6675	-58.6675	12.114	83.87459	396.19
Si	53.6957	-23.8655	60.5701	83.88641	393.01
Si	48.724	55.6816	-43.2644	83.8988	406.51
Si	-30.8231	-68.6109	32.8809	83.90482	393.53

Si	3.9787	55.6816	-64.0313	83.92022	404.25
Si	33.809	-73.5825	19.0363	83.92278	406.4
Si	-38.2807	-38.2807	62.3007	83.93602	408.9
Si	41.2665	-38.2807	-62.3007	83.93602	420
Si	78.0543	-31.3231	10.3835	83.94257	416.23
Si	-5.9646	20.8798	81.337	83.94746	416.47
Si	60.6534	-45.7383	36.3421	83.97313	401.23
Si	-3.9787	-65.6251	50.1867	83.98488	399.28
Si	-65.6251	-48.724	5.1917	83.98521	399.91
Si	48.2241	-66.125	17.3058	83.99687	407.15
Si	80.5401	-15.908	22.4975	84.00832	411.87
Si	-65.6251	-43.7524	-22.4975	84.01243	389.1
Si	35.7948	-40.7666	64.0313	84.03861	391.14
Si	38.2807	73.0826	24.2281	84.05609	405.72
Si	70.5968	43.7524	22.4975	84.06748	389.41
Si	-56.1816	-51.2099	-31.1504	84.10872	394.64
Si	51.2099	-63.1392	20.7669	84.14483	407.49
Si	21.3797	-28.3373	76.1453	84.16313	417.89
Si	-68.6109	18.8939	43.2644	84.19701	412.92
Si	-26.3514	-76.0684	17.3058	84.20541	407.81
Si	60.6534	53.6957	29.4198	84.20582	393.88
Si	55.6816	8.9505	64.0313	84.21425	400.5
Si	43.2524	-56.1816	-44.995	84.23034	415.44
Si	-61.1533	23.3656	51.9173	84.25178	414.86
Si	-56.1816	-31.3231	51.9173	84.25342	404.74
Si	-28.8373	-75.5684	15.5752	84.26717	410.39
Si	-48.724	68.6109	8.6529	84.27001	397.74
Si	-73.5825	-35.7948	8.6529	84.27082	405.28
Si	-43.7524	23.8655	-67.4924	84.27867	401.84
Si	-20.8798	-43.7524	67.4924	84.27867	410.14
Si	73.0826	33.309	-31.1504	84.30714	407.06
Si	-75.5684	10.9363	32.8809	84.31361	417.15
Si	-56.1816	-16.408	-58.8396	84.31419	397.08
Si	-70.5968	25.8515	-36.3421	84.32677	401.01
Si	23.8655	0.993	81.337	84.35933	416.99
Si	36.2948	61.1533	48.4561	84.37138	386.25
Si	-48.724	-50.7099	43.2644	84.3723	393.19
Si	-58.1675	-58.1675	0	84.37255	398.79
Si	81.0401	6.4646	27.6892	84.37515	417.07
Si	35.7948	-35.7948	-67.4924	84.39329	422.47
Si	53.1958	68.1109	3.4611	84.39862	417.87
Si	15.908	-15.908	-81.337	84.41742	421.41
Si	13.4222	-76.0684	-31.1504	84.42991	413.68
Si	-76.0684	33.309	-10.3835	84.47388	411.83
Si	5.9646	23.8655	-81.337	84.47629	417.9
Si	-5.9646	-78.5542	25.9586	84.48083	407.89
Si	81.0401	26.3514	-13.8446	84.48299	415.61
Si	-78.0543	-23.3656	13.8446	84.483	411.81
Si	33.809	-3.9787	-77.8759	84.49211	418.74
Si	-30.8231	70.5968	-36.3421	84.50099	391.5
Si	-1.4929	68.1109	-51.9173	84.51197	407.73
Si	-38.2807	-73.0826	0	84.5189	397.84
Si	5.9646	63.6392	57.109	84.51975	396.49
Si	-16.408	-81.0401	-3.4611	84.52288	407.29
Si	16.408	-3.4788	83.0676	84.54232	420.9
Si	-3.4788	-13.4222	83.0676	84.54232	424.71
Si	-16.408	78.0543	-31.1504	84.57208	410.03
Si	-3.9787	-60.6534	57.109	84.57854	397.59
Si	-13.9222	18.8939	-81.337	84.5939	416.2
Si	-63.6392	33.809	43.2644	84.60684	407.25
Si	-1.4929	73.0826	44.995	84.60819	407.42
Si	38.2807	-21.3797	72.6842	84.61373	403.08

Si	-81.0401	8.4505	-17.3058	84.61438	421.24
Si	20.8798	-45.7383	-67.4924	84.62776	397.75
Si	-41.2665	33.309	65.7618	84.64781	412.83
Si	66.125	56.1816	0	84.665	387.17
Si	33.309	78.0543	17.3058	84.69594	409.12
Si	-23.8655	58.6675	57.109	84.69601	397.64
Si	-53.1958	-53.1958	-34.6115	84.7329	395.22
Si	-53.6957	58.6675	29.4198	84.7363	406.52
Si	33.809	-73.5825	-22.4975	84.77492	415.6
Si	-23.3656	71.0967	41.5338	84.78025	400.58
Si	76.0684	41.2665	6.9223	84.80191	396.49
Si	-30.8231	-43.7524	-64.0313	84.8025	392.7
Si	-68.1109	1.4929	48.4561	84.80969	404.83
Si	71.0967	41.2665	-27.6892	84.81344	410.77
Si	81.0401	-8.4505	27.6892	84.81344	414.07
Si	-78.0543	11.4363	27.6892	84.81345	415.1
Si	11.4363	-78.0543	27.6892	84.81345	411.28
Si	-21.3797	58.1675	-58.8396	84.83666	394.15
Si	-40.7666	30.8231	67.4924	84.86078	413.21
Si	-81.0401	18.3939	-10.3835	84.88319	417.29
Si	75.5684	-30.8231	-25.9586	84.88442	419.99
Si	48.2241	68.1109	24.2281	84.90443	393.77
Si	-53.1958	66.125	-6.9223	84.94752	386.27
Si	-78.5542	-15.908	22.4975	84.94984	411.42
Si	18.8939	-78.5542	-22.4975	84.94984	414.94
Si	-51.2099	43.2524	-51.9173	84.952	386.55
Si	-3.4788	-68.1109	-48.4561	84.95529	403.88
Si	31.3231	-73.0826	27.6892	84.95904	409.81
Si	-18.8939	78.5542	29.4198	84.9682	400.92
Si	-75.5684	-18.8939	-29.4198	84.9682	404.51
Si	80.5401	18.8939	-25.9586	85.00065	410.8
Si	-58.1675	-48.2241	-34.6115	85.02411	393.42
Si	-10.9363	-48.724	67.4924	85.03796	410.21
Si	13.9222	40.7666	74.4147	85.05562	409.65
Si	13.9222	-78.5542	25.9586	85.06399	410.99
Si	75.5684	-35.7948	-19.0363	85.08787	419.29
Si	-18.8939	53.6957	64.0313	85.09266	396.48
Si	63.6392	30.8231	-50.1867	85.09478	406.03
Si	1.4929	66.125	55.3784	85.11214	396.04
Si	-46.2382	-46.2382	51.9173	85.15819	391.36
Si	-13.9222	-75.5684	-32.8809	85.18938	413.92
Si	-75.5684	-13.9222	32.8809	85.18938	413.23
Si	-66.125	53.1958	3.4611	85.19008	397.57
Si	28.8373	45.7383	67.4924	85.2091	401.2
Si	41.2665	-28.3373	69.223	85.22678	403.47
Si	-5.9646	25.8515	81.337	85.233	415.47
Si	81.0401	-28.3373	6.9223	85.238	414.13
Si	-78.0543	31.3231	6.9223	85.23801	414.36
Si	63.1392	3.4788	-58.8396	85.24261	410.64
Si	-18.3939	-53.1958	-62.3007	85.2509	397.45
Si	21.3797	56.1816	62.3007	85.2509	388.54
Si	-18.3939	56.1816	-62.3007	85.2509	393.43
Si	6.4646	66.125	-55.3784	85.25722	410.3
Si	36.2948	56.1816	-55.3784	85.25722	411.14
Si	66.125	6.4646	-55.3784	85.25722	411.38
Si	-53.1958	-33.309	55.3784	85.25722	405.48
Si	48.724	-48.724	-50.1867	85.27148	402
Si	8.9505	-73.5825	39.8032	85.30085	402.44
Si	-43.2524	-68.1109	-20.7669	85.31175	390.03
Si	0.993	-50.7099	-67.4924	85.32652	404.96
Si	53.6957	0.993	67.4924	85.32652	402.53
Si	18.8939	-28.8373	-77.8759	85.36605	417.93

Si	-61.1533	-51.2099	24.2281	85.3764	404.86
Si	51.2099	-48.2241	48.4561	85.3906	388.47
Si	-68.1109	-8.4505	-48.4561	85.3906	396.26
Si	-8.4505	-68.1109	48.4561	85.3906	398.06
Si	-18.8939	-80.5401	-12.114	85.39198	410.3
Si	-80.5401	-18.8939	12.114	85.39198	413.49
Si	-15.908	65.6251	53.6478	85.40383	399.14
Si	5.9646	-50.7099	-67.4924	85.44215	404.48
Si	78.0543	-36.2948	3.4611	85.44905	410.88
Si	26.3514	-28.3373	76.1453	85.47451	415.25
Si	33.309	33.309	72.6842	85.484	397.85
Si	23.8655	75.5684	-36.3421	85.48959	408.85
Si	-33.809	-70.5968	29.4198	85.49072	393.06
Si	-58.1675	61.1533	-13.8446	85.50088	386.79
Si	78.0543	23.3656	-31.1504	85.50093	405.53
Si	-21.3797	-56.1816	-58.8396	85.50787	395.74
Si	58.1675	63.1392	17.3058	85.50886	396.69
Si	-51.2099	-31.3231	58.8396	85.53694	404.14
Si	61.1533	-53.1958	27.6892	85.53893	406.43
Si	61.1533	56.1816	-27.6892	85.53893	404.21
Si	16.408	-78.0543	-27.6892	85.53894	413.59
Si	-13.4222	-78.0543	27.6892	85.53894	408.45
Si	-43.7524	-70.5968	8.6529	85.55071	398.13
Si	-3.4788	21.3797	83.0676	85.5595	415.88
Si	28.3373	-76.0684	-24.2281	85.57673	418.79
Si	15.908	23.8655	-81.337	85.58062	415.32
Si	-78.5542	-5.9646	29.4198	85.60774	415.22
Si	40.7666	58.6675	50.1867	85.61572	385.3
Si	-50.7099	50.7099	46.7255	85.61968	406.09
Si	53.6957	50.7099	46.7255	85.61968	387.52
Si	68.6109	-33.809	39.8032	85.64659	394.25
Si	-63.6392	-40.7666	36.3421	85.7251	396.53
Si	-5.9646	70.5968	-50.1867	85.73016	408.57
Si	28.8373	55.6816	60.5701	85.74891	385.69
Si	55.6816	28.8373	-60.5701	85.74891	416.45
Si	-18.8939	-55.6816	-60.5701	85.75132	397.59
Si	-30.8231	-73.5825	25.9586	85.75838	394.38
Si	-61.1533	-56.1816	10.3835	85.78293	399.91
Si	66.125	56.1816	13.8446	85.78948	387.58
Si	63.6392	-13.9222	-57.109	85.79752	387.49
Si	-48.2241	11.4363	69.223	85.80487	412.53
Si	51.2099	-68.1109	6.9223	85.81601	397.84
Si	-5.9646	-33.809	-77.8759	85.82824	414.48
Si	18.8939	75.5684	39.8032	85.87361	379.42
Si	-23.3656	-78.0543	-20.7669	85.88928	405.62
Si	-23.3656	-73.0826	-34.6115	85.89183	410.26
Si	28.8373	65.6251	-50.1867	85.90313	399.31
Si	-21.3797	-21.3797	-79.6064	85.92729	416.34
Si	18.8939	-78.5542	25.9586	85.93131	411.63
Si	-5.9646	80.5401	32.8809	85.93741	405.95
Si	30.8231	-55.6816	57.109	85.96876	389.69
Si	-61.1533	-26.3514	-51.9173	85.99565	395.32
Si	-81.0401	18.3939	17.3058	86.00482	416.64
Si	-41.2665	-71.0967	-17.3058	86.00643	389.75
Si	8.4505	33.309	-79.6064	86.01081	414.04
Si	-81.0401	23.3656	-10.3835	86.0112	416.06
Si	63.6392	45.7383	39.8032	86.0471	390.15
Si	-3.4788	41.2665	76.1453	86.05094	416.71
Si	21.3797	-33.309	-76.1453	86.05094	418.93
Si	41.2665	6.4646	-76.1453	86.05094	413.1
Si	65.6251	-55.6816	-5.1917	86.07448	391.05
Si	-78.0543	31.3231	13.8446	86.07713	413.55

Si	46.2382	-23.3656	-69.223	86.09245	416.16
Si	68.6109	-3.9787	53.6478	86.0979	401.82
Si	-28.3373	66.125	48.4561	86.11122	392.58
Si	-63.1392	51.2099	-27.6892	86.11493	401.77
Si	-63.1392	51.2099	27.6892	86.11493	401.34
Si	73.5825	-23.8655	39.8032	86.16417	408.67
Si	43.7524	-73.5825	-1.7306	86.16948	408.79
Si	-5.9646	65.6251	-57.109	86.19734	404.97
Si	-11.4363	-66.125	-51.9173	86.22497	399.2
Si	-75.5684	-18.8939	32.8809	86.22776	416.11
Si	-18.8939	-75.5684	-32.8809	86.22776	412.87
Si	18.3939	73.0826	44.995	86.22804	379
Si	60.6534	58.6675	-25.9586	86.2713	402.43
Si	43.7524	-73.5825	5.1917	86.30839	406.74
Si	45.7383	48.724	57.109	86.31261	387.57
Si	-61.1533	-6.4646	58.8396	86.31316	405.73
Si	28.8373	-23.8655	-77.8759	86.34475	414.68
Si	71.0967	31.3231	-41.5338	86.3689	403.06
Si	31.3231	71.0967	-41.5338	86.3689	399.63
Si	-81.0401	-6.4646	24.2281	86.38296	414.72
Si	8.4505	-31.3231	79.6064	86.38568	416.08
Si	-33.809	-10.9363	77.8759	86.4023	424.88
Si	-58.1675	-3.4788	-62.3007	86.40288	398.77
Si	6.4646	-58.1675	62.3007	86.40288	401.23
Si	-13.9222	-80.5401	22.4975	86.44756	408.26
Si	53.6957	-63.6392	-22.4975	86.44916	395.66
Si	5.9646	-35.7948	77.8759	86.45822	415.08
Si	-6.4646	-31.3231	-79.6064	86.47195	418.38
Si	-31.3231	-6.4646	-79.6064	86.47195	411.46
Si	11.4363	41.2665	-76.1453	86.48073	413.23
Si	-43.7524	73.5825	15.5752	86.52535	400.23
Si	21.3797	81.0401	-27.6892	86.5444	413.43
Si	33.309	13.4222	-79.6064	86.55495	412.17
Si	-8.9505	68.6109	-53.6478	86.55618	407.75
Si	20.8798	23.8655	-81.337	86.5569	416.36
Si	45.7383	23.8655	70.9536	86.55979	396.78
Si	23.3656	43.2524	-72.6842	86.63288	404.72
Si	-48.2241	71.0967	-13.8446	86.64954	392.05
Si	-25.8515	-78.5542	19.0363	86.70433	407.36
Si	28.8373	-78.5542	19.0363	86.70433	408.73
Si	43.7524	35.7948	67.4924	86.70474	391.11
Si	-40.7666	35.7948	67.4924	86.70474	414.22
Si	16.408	21.3797	83.0676	86.70739	416.92
Si	-38.7807	-45.7383	-60.5701	86.72647	387.22
Si	-18.8939	33.809	77.8759	86.74444	407.77
Si	-30.8231	-18.8939	-77.8759	86.74444	405.9
Si	1.4929	81.0401	34.6115	86.75087	406.7
Si	65.6251	13.9222	57.109	86.76897	410.22
Si	13.4222	-61.1533	58.8396	86.76951	392.35
Si	-40.7666	15.908	74.4147	86.78254	409.66
Si	-33.809	-25.8515	-74.4147	86.78414	397.07
Si	23.8655	-18.8939	81.337	86.78632	421.56
Si	23.3656	28.3373	-79.6064	86.81143	415.76
Si	-20.8798	55.6816	-64.0313	86.81567	394.04
Si	58.6675	-63.6392	5.1917	86.82204	394.21
Si	36.2948	81.0401	0	86.82701	409.74
Si	-18.8939	63.6392	57.109	86.82863	397.73
Si	-18.8939	-60.6534	57.109	86.82863	403.68
Si	-31.3231	68.1109	-44.995	86.82968	393.49
Si	-8.4505	-58.1675	-62.3007	86.83094	400.23
Si	58.1675	3.4788	65.7618	86.83648	401.58
Si	3.4788	58.1675	-65.7618	86.83648	400.57

Si	-48.2241	46.2382	55.3784	86.83714	406.89
Si	46.2382	51.2099	-55.3784	86.83714	401.49
Si	-81.0401	28.3373	3.4611	86.85792	415.69
Si	28.3373	-81.0401	3.4611	86.85792	415.39
Si	-78.5542	8.9505	-32.8809	86.85802	403.76
Si	-50.7099	60.6534	-36.3421	86.86681	390.87
Si	63.1392	-51.2099	-31.1504	86.88035	394.12
Si	30.8231	68.6109	-46.7255	86.88129	398.38
Si	61.1533	-58.1675	-20.7669	86.89068	390.97
Si	-65.6251	35.7948	-43.2644	86.90943	395.9
Si	-61.1533	-11.4363	58.8396	86.91262	406.57
Si	-63.6392	48.724	-32.8809	86.91444	401.14
Si	53.6957	45.7383	53.6478	86.9533	389.19
Si	-40.7666	-13.9222	74.4147	86.95422	419.02
Si	-73.0826	46.2382	0	86.96923	398.51
Si	-43.2524	-73.0826	0	86.96923	399.52
Si	3.4788	-46.2382	-72.6842	86.97809	406.98
Si	-80.5401	25.8515	-15.5752	86.979	415.97
Si	-40.7666	-68.6109	-29.4198	86.98231	387.04
Si	53.1958	-61.1533	31.1504	86.99472	405.58
Si	40.7666	23.8655	-74.4147	87.06611	414.85
Si	-36.2948	-41.2665	65.7618	87.06835	408.68
Si	-21.3797	28.3373	-79.6064	87.06873	410.42
Si	23.8655	-78.5542	25.9586	87.07429	410.01
Si	-43.7524	-20.8798	70.9536	87.07513	422.74
Si	-33.309	-38.2807	69.223	87.09153	409.95
Si	41.2665	-33.309	69.223	87.09153	402.97
Si	-63.6392	58.6675	8.6529	87.09756	396.33
Si	21.3797	71.0967	-48.4561	87.11009	403.03
Si	21.3797	-68.1109	48.4561	87.11009	390.5
Si	-18.3939	71.0967	-48.4561	87.11009	400.79
Si	23.3656	-26.3514	79.6064	87.12581	414.81
Si	23.8655	-68.6109	46.7255	87.1685	391.96
Si	-78.5542	-30.8231	-12.114	87.17008	414.49
Si	-60.6534	30.8231	53.6478	87.1809	412.03
Si	38.7807	35.7948	-70.9536	87.18607	410.26
Si	-13.4222	-38.2807	76.1453	87.19235	409.84
Si	-38.2807	16.408	-76.1453	87.19235	401.65
Si	-10.9363	50.7099	-70.9536	87.24228	396.69
Si	76.0684	46.2382	-6.9223	87.24429	405.56
Si	-16.408	-71.0967	44.995	87.2596	394.12
Si	-46.2382	33.309	65.7618	87.26479	410.94
Si	25.8515	68.6109	50.1867	87.27463	384.51
Si	-65.6251	-13.9222	53.6478	87.29566	404.77
Si	33.809	40.7666	-70.9536	87.29924	404.54
Si	35.7948	-75.5684	22.4975	87.29955	406.93
Si	65.6251	58.6675	15.5752	87.31808	389.08
Si	73.0826	23.3656	-44.995	87.33868	399.32
Si	-58.6675	-60.6534	-12.114	87.33942	398.62
Si	-8.9505	78.5542	-39.8032	87.36024	409.53
Si	-11.4363	-76.0684	-38.0727	87.36388	413.31
Si	-76.0684	-11.4363	-38.0727	87.36388	401.82
Si	-43.7524	-65.6251	-32.8809	87.36765	387.75
Si	48.2241	-11.4363	72.6842	87.37251	410.42
Si	-81.0401	-21.3797	17.3058	87.37472	413.39
Si	18.3939	33.309	-79.6064	87.37903	414.62
Si	-40.7666	75.5684	19.0363	87.38095	401.27
Si	-63.1392	-18.3939	-55.3784	87.40458	394.85
Si	-43.7524	-5.9646	-74.4147	87.40881	405.95
Si	-40.7666	70.5968	32.8809	87.42059	396.38
Si	-80.5401	-18.8939	-22.4975	87.47101	414.54
Si	60.6534	-5.9646	64.0313	87.49616	398.61

Si	-21.3797	68.1109	51.9173	87.50151	396.5
Si	-55.6816	-63.6392	12.114	87.50922	393.93
Si	21.3797	51.2099	69.223	87.51622	386.01
Si	21.3797	-48.2241	-69.223	87.51622	397.26
Si	16.408	-58.1675	-62.3007	87.53971	404.16
Si	30.8231	78.5542	29.4198	87.54564	405.55
Si	-45.7383	65.6251	-36.3421	87.54691	388.61
Si	65.6251	48.724	36.3421	87.54691	390.8
Si	-38.7807	63.6392	-46.7255	87.56363	390.62
Si	63.6392	-38.7807	46.7255	87.56363	391.48
Si	-51.2099	-36.2948	58.8396	87.56477	403.35
Si	-51.2099	-36.2948	-58.8396	87.56477	379.98
Si	-61.1533	18.3939	58.8396	87.59157	411.95
Si	-18.8939	78.5542	36.3421	87.60604	401.94
Si	-18.8939	-75.5684	36.3421	87.60604	399.73
Si	-31.3231	-76.0684	-24.2281	87.63358	398.22
Si	43.7524	30.8231	-70.9536	87.63866	415.9
Si	-18.8939	48.724	70.9536	87.64024	392.18
Si	-45.7383	55.6816	-50.1867	87.66929	386.17
Si	21.3797	-18.3939	83.0676	87.69946	419.89
Si	-61.1533	43.2524	44.995	87.70945	404.38
Si	-70.5968	50.7099	-8.6529	87.71607	398.11
Si	-56.1816	8.4505	-65.7618	87.74609	398.4
Si	70.5968	28.8373	-46.7255	87.78571	402.66
Si	28.3373	-76.0684	31.1504	87.78794	411.1
Si	-48.724	-10.9363	70.9536	87.81024	406.51
Si	68.1109	-41.2665	-38.0727	87.83992	386.05
Si	75.5684	-45.7383	1.7306	87.86901	389.41
Si	60.6534	63.6392	-19.0363	87.88912	398.12
Si	-68.6109	18.8939	50.1867	87.95472	413.28
Si	30.8231	-80.5401	-12.114	87.957	415.17
Si	-33.309	66.125	-48.4561	87.95723	391.02
Si	-61.1533	63.1392	-3.4611	87.95904	389.01
Si	65.6251	28.8373	-53.6478	87.97008	405.98
Si	65.6251	-25.8515	-53.6478	87.97008	385.17
Si	-55.6816	65.6251	19.0363	88.00139	395.24
Si	71.0967	-48.2241	-20.7669	88.02121	391.47
Si	81.0401	-13.4222	34.6115	88.02371	412.49
Si	10.9363	-30.8231	-81.337	88.02964	417.35
Si	70.5968	38.7807	-39.8032	88.03418	399.57
Si	-31.3231	58.1675	-58.8396	88.03972	391.73
Si	-70.5968	20.8798	46.7255	88.0684	413.69
Si	-48.2241	-58.1675	-41.5338	88.06929	387.46
Si	50.7099	18.8939	70.9536	88.08815	395.81
Si	13.9222	40.7666	-77.8759	88.0997	413.79
Si	-70.5968	-33.809	-36.3421	88.11292	381.63
Si	43.2524	-56.1816	51.9173	88.12267	387.02
Si	68.1109	-56.1816	3.4611	88.18325	388.75
Si	-41.2665	-61.1533	-44.995	88.1899	392.47
Si	-33.309	71.0967	-41.5338	88.20951	392.07
Si	-68.6109	-40.7666	-32.8809	88.21311	380.75
Si	-40.7666	-73.5825	19.0363	88.23019	392.52
Si	-58.1675	66.125	6.9223	88.23032	394.67
Si	-58.1675	66.125	-6.9223	88.23032	387.22
Si	-58.1675	-63.1392	6.9223	88.23032	394.61
Si	63.1392	-21.3797	-58.8396	88.23556	386.44
Si	-81.0401	3.4788	-31.1504	88.23822	403.52
Si	-68.6109	-50.7099	-12.114	88.24072	393.8
Si	-16.408	48.2241	-72.6842	88.2453	399.08
Si	23.8655	-58.6675	60.5701	88.25273	389.28
Si	-55.6816	55.6816	39.8032	88.25897	394.71
Si	50.7099	68.6109	29.4198	88.27606	393.05

Si	-65.6251	-53.6957	-15.5752	88.27906	394.86
Si	68.6109	-53.6957	-15.5752	88.27907	389.95
Si	-53.6957	68.6109	15.5752	88.27907	394.77
Si	18.8939	55.6816	67.4924	88.28613	390.33
Si	-0.993	35.7948	81.337	88.3092	417.64
Si	-78.5542	38.7807	1.7306	88.3228	399.14
Si	-53.1958	-3.4788	69.223	88.35947	400.13
Si	51.2099	-53.1958	48.4561	88.37776	388.93
Si	26.3514	-68.1109	-48.4561	88.37776	402.27
Si	23.8655	-33.809	-77.8759	88.38217	417.2
Si	8.4505	-36.2948	79.6064	88.39404	415.64
Si	6.4646	-28.3373	83.0676	88.40127	415.09
Si	38.2807	68.1109	-44.995	88.40727	400.61
Si	-45.7383	-68.6109	25.9586	88.42606	387.58
Si	40.7666	-70.5968	-32.8809	88.43356	413.61
Si	-46.2382	-66.125	-31.1504	88.43519	388.57
Si	-48.724	28.8373	-67.4924	88.45723	396.91
Si	-8.9505	73.5825	50.1867	88.45724	403.19
Si	-10.9363	75.5684	46.7255	88.45873	404.46
Si	25.8515	-80.5401	22.4975	88.48105	409.12
Si	-81.0401	8.4505	-31.1504	88.48982	404.28
Si	-61.1533	63.1392	-10.3835	88.50214	387.33
Si	-55.6816	-43.7524	-50.1867	88.5142	390.89
Si	-58.1675	-18.3939	-62.3007	88.52246	396.72
Si	21.3797	-58.1675	62.3007	88.52246	390.32
Si	-55.6816	5.9646	67.4924	88.56722	402.79
Si	5.9646	58.6675	-67.4924	88.56722	401.58
Si	-81.0401	-6.4646	31.1504	88.57405	414.24
Si	51.2099	66.125	34.6115	88.58355	391.23
Si	66.125	51.2099	-34.6115	88.58355	400.71
Si	10.9363	-50.7099	70.9536	88.59304	397.4
Si	43.7524	0.993	-77.8759	88.60453	412.04
Si	75.5684	33.809	36.3421	88.61298	387.36
Si	-23.3656	66.125	55.3784	88.66804	395.01
Si	-70.5968	-48.724	12.114	88.68715	397.63
Si	28.8373	-63.6392	53.6478	88.70167	389.32
Si	-0.993	-33.809	81.337	88.70237	414.82
Si	70.5968	48.724	29.4198	88.72231	389.03
Si	48.724	70.5968	-29.4198	88.72231	399.27
Si	25.8515	-50.7099	-67.4924	88.73389	395.48
Si	-58.6675	13.9222	64.0313	88.7342	409.2
Si	50.7099	58.6675	-46.7255	88.7385	403.46
Si	-8.9505	-65.6251	57.109	88.74298	398.58
Si	68.6109	-8.9505	-57.109	88.74299	387.97
Si	-81.0401	23.3656	24.2281	88.75308	410.29
Si	-81.0401	23.3656	-24.2281	88.75308	410.3
Si	38.7807	80.5401	-15.5752	88.77742	410.4
Si	-48.2241	-23.3656	-69.223	88.77809	392.05
Si	56.1816	-8.4505	-69.223	88.77809	410.1
Si	-16.408	-46.2382	-72.6842	88.77886	395.02
Si	71.0967	-53.1958	6.9223	88.78886	390.16
Si	-65.6251	30.8231	-50.1867	88.79068	396.12
Si	30.8231	68.6109	50.1867	88.79069	387.04
Si	46.2382	46.2382	62.3007	88.80124	388.81
Si	-66.125	58.1675	10.3835	88.83697	395.35
Si	-13.9222	33.809	-81.337	88.86879	407.65
Si	-75.5684	45.7383	-1.7306	88.87687	398.15
Si	-8.4505	-43.2524	76.1453	88.87699	409.17
Si	46.2382	-8.4505	76.1453	88.87699	409.87
Si	-8.4505	46.2382	-76.1453	88.87699	396.04
Si	46.2382	11.4363	-76.1453	88.87699	414.29
Si	46.2382	11.4363	76.1453	88.87699	406.4

Si	-38.7807	73.5825	-32.8809	88.88212	391.13
Si	3.4788	68.1109	58.8396	88.90441	397.42
Si	46.2382	-63.1392	41.5338	88.90729	384.65
Si	-43.2524	66.125	-41.5338	88.90729	388.05
Si	48.724	-23.8655	-70.9536	88.9283	418.12
Si	46.2382	-58.1675	48.4561	88.93536	386.88
Si	61.1533	-43.2524	48.4561	88.93536	391.52
Si	58.1675	53.1958	44.995	88.93675	388.31
Si	-73.0826	-38.2807	27.6892	88.93895	403.21
Si	58.6675	10.9363	67.4924	88.95693	401.04
Si	40.7666	68.6109	43.2644	88.98902	385.51
Si	-18.3939	81.0401	34.6115	89.00111	400.99
Si	66.125	61.1533	13.8446	89.04125	389.94
Si	66.125	-58.1675	-13.8446	89.04125	391.76
Si	-58.6675	53.6957	-39.8032	89.04326	390.02
Si	58.6675	-8.9505	67.4924	89.06862	396.68
Si	-3.4788	76.0684	48.4561	89.07423	405.1
Si	68.6109	-33.809	46.7255	89.07477	392.65
Si	-51.2099	-66.125	-24.2281	89.08852	389.92
Si	-73.5825	48.724	8.6529	89.11777	397.5
Si	-76.0684	23.3656	38.0727	89.12743	399.94
Si	23.3656	-76.0684	-38.0727	89.12743	407.08
Si	35.7948	-10.9363	-81.337	89.14494	414.81
Si	38.2807	-66.125	-44.995	89.16316	403
Si	-53.6957	53.6957	-46.7255	89.18632	384.35
Si	50.7099	23.8655	70.9536	89.2035	395.03
Si	53.1958	3.4788	72.6842	89.2195	401.83
Si	75.5684	48.724	15.5752	89.22194	385.59
Si	3.9787	50.7099	74.4147	89.25273	404.35
Si	50.7099	-0.993	-74.4147	89.25273	405.3
Si	-60.6534	-48.724	39.8032	89.26475	393.72
Si	3.4788	-71.0967	-51.9173	89.26699	403.2
Si	36.2948	-78.0543	20.7669	89.27595	408.58
Si	76.0684	-33.309	34.6115	89.27841	404.41
Si	18.8939	75.5684	46.7255	89.29308	378.65
Si	38.2807	18.3939	-79.6064	89.30942	409.75
Si	30.8231	23.8655	-81.337	89.31131	410.58
Si	81.0401	-28.3373	27.6892	89.35485	410.06
Si	-28.3373	-78.0543	-27.6892	89.35486	400.06
Si	-11.4363	73.0826	-51.9173	89.37366	408.11
Si	-66.125	28.3373	51.9173	89.37675	413.22
Si	-3.9787	-60.6534	64.0313	89.39854	398.24
Si	-73.0826	46.2382	-20.7669	89.41427	397.17
Si	46.2382	-73.0826	-20.7669	89.41427	411.9
Si	-43.2524	76.0684	-20.7669	89.41428	393.54
Si	-20.8798	45.7383	74.4147	89.41889	392.86
Si	-38.2807	-23.3656	-76.1453	89.43149	396.68
Si	-38.2807	26.3514	-76.1453	89.43149	398.35
Si	-33.809	-80.5401	-5.1917	89.45723	401.35
Si	70.5968	-30.8231	-46.7255	89.45918	375.59
Si	-30.8231	70.5968	46.7255	89.45918	390.41
Si	-13.4222	56.1816	-69.223	89.47144	394.58
Si	-20.8798	-73.5825	-43.2644	89.49114	409.75
Si	53.1958	33.309	65.7618	89.49902	390
Si	-48.2241	51.2099	-55.3784	89.50043	388.33
Si	-8.4505	-68.1109	55.3784	89.50043	396.53
Si	-68.6109	-45.7383	29.4198	89.50331	400.83
Si	-71.0967	8.4505	-51.9173	89.51569	403.5
Si	8.4505	-71.0967	-51.9173	89.51569	402.46
Si	-48.724	-45.7383	57.109	89.52071	389.77
Si	-70.5968	-23.8655	46.7255	89.57256	402.23
Si	-50.7099	50.7099	53.6478	89.5854	405.24

Si	-23.8655	68.6109	-53.6478	89.58772	394.92
Si	71.0967	56.1816	-13.8446	89.59473	392.36
Si	-6.4646	-71.0967	-51.9173	89.59896	402.5
Si	78.0543	13.4222	-44.995	89.60192	399.7
Si	-46.2382	-36.2948	-65.7618	89.61467	379.27
Si	-33.809	48.724	-67.4924	89.6227	389.09
Si	-45.7383	-58.6675	46.7255	89.62881	388.31
Si	33.309	43.2524	-72.6842	89.66106	408.14
Si	48.2241	-71.0967	24.2281	89.66635	406.66
Si	-71.0967	48.2241	24.2281	89.66635	395.6
Si	63.6392	-28.8373	-57.109	89.68561	383.88
Si	-80.5401	-23.8655	25.9586	89.70129	407.67
Si	-78.5542	8.9505	-39.8032	89.70762	404.44
Si	-1.4929	-76.0684	44.995	89.71743	396.44
Si	10.9363	63.6392	64.0313	89.72925	392.45
Si	-48.724	23.8655	70.9536	89.75906	408.85
Si	61.1533	26.3514	-62.3007	89.77018	410.99
Si	-76.0684	43.2524	17.3058	89.7725	395.29
Si	56.1816	-43.2524	55.3784	89.77618	388.94
Si	56.1816	-43.2524	-55.3784	89.77618	390.65
Si	75.5684	-5.9646	50.1867	89.78588	400
Si	58.6675	-13.9222	67.4924	89.78741	394.39
Si	-31.3231	-76.0684	-31.1504	89.79416	397.99
Si	-56.1816	68.1109	-17.3058	89.79864	386.86
Si	-51.2099	-1.4929	-72.6842	89.83032	400.55
Si	-33.809	-50.7099	64.0313	89.84076	392.65
Si	81.0401	6.4646	41.5338	89.87509	404.11
Si	-48.724	-70.5968	-19.0363	89.89462	391.76
Si	-48.2241	-73.0826	-6.9223	89.89551	397.69
Si	-73.0826	51.2099	-6.9223	89.89551	399.58
Si	-48.2241	-68.1109	27.6892	89.9064	387.85
Si	51.2099	71.0967	-27.6892	89.9064	398.01
Si	-33.309	56.1816	62.3007	89.90775	385.13
Si	56.1816	36.2948	-62.3007	89.90775	404.27
Si	78.0543	-26.3514	38.0727	89.92486	407.88
Si	-76.0684	8.4505	-44.995	89.93726	403.06
Si	-15.908	35.7948	81.337	89.97293	405.61
Si	-38.2807	81.0401	-13.8446	90.00761	396.2
Si	41.2665	-78.0543	-13.8446	90.00762	408.97
Si	13.4222	-71.0967	-51.9173	90.03865	402.45
Si	-63.1392	41.2665	-48.4561	90.04022	388.8
Si	23.8655	40.7666	-77.8759	90.04225	406.25
Si	-20.8798	40.7666	-77.8759	90.04225	402.52
Si	-45.7383	-73.5825	-15.5752	90.05382	390.8
Si	35.7948	-55.6816	-60.5701	90.07937	389.27
Si	70.5968	58.6675	8.6529	90.1063	387.74
Si	-81.0401	28.3373	-24.2281	90.10725	411.23
Si	33.809	-48.724	67.4924	90.11823	383.9
Si	-70.5968	50.7099	-22.4975	90.14085	397.32
Si	-63.1392	31.3231	-55.3784	90.18823	395.8
Si	-68.1109	-13.4222	-55.3784	90.18823	394
Si	-3.4788	36.2948	83.0676	90.20042	418.07
Si	-65.6251	-43.7524	39.8032	90.20115	395.41
Si	-50.7099	30.8231	67.4924	90.22543	410.33
Si	26.3514	-78.0543	-34.6115	90.24223	408.66
Si	-63.6392	38.7807	50.1867	90.28434	406.81
Si	38.7807	-63.6392	-50.1867	90.28434	400.76
Si	71.0967	41.2665	41.5338	90.28668	386.26
Si	78.0543	-46.2382	-3.4611	90.2878	389.18
Si	-48.2241	31.3231	-69.223	90.29643	396.8
Si	51.2099	-28.3373	-69.223	90.29643	414.75
Si	-71.0967	-51.2099	10.3835	90.30311	395.72

Si	50.7099	63.6392	43.2644	90.31213	385.32
Si	80.5401	33.809	29.4198	90.32341	384.44
Si	33.309	73.0826	-44.995	90.34321	398.75
Si	-46.2382	68.1109	-38.0727	90.3645	387.65
Si	-50.7099	70.5968	25.9586	90.41201	392.62
Si	53.6957	70.5968	25.9586	90.41201	391.32
Si	-5.9646	80.5401	-43.2644	90.42062	409.38
Si	45.7383	-10.9363	77.8759	90.4256	409.54
Si	38.2807	-81.0401	3.4611	90.42687	410.69
Si	-18.3939	-53.1958	69.223	90.43319	403.5
Si	-58.6675	-0.993	-67.4924	90.44708	398.25
Si	-68.6109	3.9787	57.109	90.45524	396.16
Si	43.7524	30.8231	74.4147	90.46368	393.16
Si	-33.809	-55.6816	-60.5701	90.46486	389.39
Si	58.1675	-46.2382	-51.9173	90.47469	391.09
Si	58.1675	-46.2382	51.9173	90.47469	388.02
Si	-46.2382	58.1675	51.9173	90.47469	405.51
Si	28.3373	-76.0684	-38.0727	90.47599	406.73
Si	-76.0684	28.3373	-38.0727	90.47599	397.07
Si	-20.8798	-38.7807	-77.8759	90.48285	398.17
Si	-38.7807	23.8655	77.8759	90.48285	405.31
Si	-31.3231	-81.0401	17.3058	90.48798	407.23
Si	-43.2524	-18.3939	-76.1453	90.53029	395.24
Si	35.7948	-65.6251	50.1867	90.55465	389.65
Si	73.0826	-51.2099	17.3058	90.56577	390.27
Si	-51.2099	13.4222	-72.6842	90.56975	396.22
Si	-76.0684	-11.4363	44.995	90.59507	400.55
Si	-76.0684	-11.4363	-44.995	90.59507	399.14
Si	41.2665	61.1533	55.3784	90.5984	384.14
Si	58.6675	-58.6675	-36.3421	90.60322	388.02
Si	58.6675	50.7099	-50.1867	90.60877	393.93
Si	8.9505	-73.5825	-50.1867	90.61258	403.79
Si	-20.8798	-58.6675	-64.0313	90.66315	396.04
Si	-58.6675	23.8655	64.0313	90.66315	413.15
Si	-78.5542	43.7524	-5.1917	90.66621	398.96
Si	43.7524	-78.5542	5.1917	90.66621	407.29
Si	68.1109	-16.408	-58.8396	90.66693	386.96
Si	76.0684	51.2099	13.8446	90.69156	387.22
Si	76.0684	-48.2241	-13.8446	90.69156	388.63
Si	73.0826	-31.3231	-44.995	90.70017	375.85
Si	-61.1533	-46.2382	44.995	90.70474	392.66
Si	30.8231	58.6675	64.0313	90.71492	382.85
Si	-38.7807	-75.5684	-25.9586	90.74283	393.73
Si	30.8231	73.5825	-46.7255	90.77695	396.98
Si	-36.2948	23.3656	-79.6064	90.79379	399.44
Si	43.2524	-11.4363	79.6064	90.81964	410.14
Si	18.3939	-71.0967	51.9173	90.83113	390.8
Si	-25.8515	-73.5825	-43.2644	90.86167	404.96
Si	28.3373	58.1675	65.7618	90.86943	384.55
Si	-61.1533	-1.4929	-65.7618	90.87399	399.25
Si	58.6675	-68.6109	-8.6529	90.8754	390.39
Si	-48.2241	1.4929	76.1453	90.93892	401.08
Si	-48.2241	1.4929	-76.1453	90.93892	402.14
Si	38.2807	-81.0401	10.3835	90.95523	408.85
Si	33.309	63.1392	-58.8396	90.96496	392.2
Si	-80.5401	40.7666	-1.7306	90.96612	399.7
Si	81.0401	-13.4222	-41.5338	90.96853	400.73
Si	-58.6675	43.7524	-53.6478	91.01218	385.78
Si	-13.9222	-80.5401	36.3421	91.03731	399.94
Si	35.7948	-20.8798	-81.337	91.0652	409.26
Si	51.2099	-3.4788	-76.1453	91.07472	405.92
Si	-73.0826	-18.3939	48.4561	91.13168	400.71

Si	36.2948	81.0401	27.6892	91.13518	405.5
Si	-46.2382	-76.0684	-3.4611	91.13723	399.46
Si	48.2241	-76.0684	-10.3835	91.14482	407.92
Si	18.8939	75.5684	-50.1867	91.15197	404.14
Si	-26.3514	58.1675	-65.7618	91.16982	389.13
Si	38.7807	80.5401	25.9586	91.17398	404.49
Si	73.5825	-33.809	-43.2644	91.18632	375.27
Si	30.8231	38.7807	77.8759	91.18822	394.77
Si	73.5825	40.7666	39.8032	91.23395	386.48
Si	-10.9363	-58.6675	67.4924	91.26325	399.02
Si	13.9222	-58.6675	67.4924	91.26325	394.75
Si	-75.5684	15.908	46.7255	91.26622	407.35
Si	81.0401	46.2382	0	91.26828	399.53
Si	-78.0543	46.2382	0	91.26829	397.53
Si	76.0684	-43.2524	27.6892	91.2707	397.55
Si	65.6251	-60.6534	-19.0363	91.30975	390.91
Si	20.8798	63.6392	64.0313	91.3127	385.59
Si	76.0684	41.2665	34.6115	91.33128	387.02
Si	-36.2948	-81.0401	10.3835	91.36423	404.45
Si	-81.0401	-36.2948	-10.3835	91.36423	413.12
Si	43.7524	75.5684	32.8809	91.40133	399.05
Si	-16.408	-66.125	-58.8396	91.40413	386.26
Si	-13.9222	78.5542	-46.7255	91.42948	404.86
Si	43.2524	-61.1533	51.9173	91.45383	389.1
Si	-53.1958	-63.1392	-34.6115	91.46649	386.01
Si	60.6534	-65.6251	-19.0363	91.47218	391.85
Si	-8.4505	-48.2241	76.1453	91.48092	410.32
Si	61.1533	-3.4788	69.223	91.51997	396.09
Si	73.5825	55.6816	-15.5752	91.52008	393.43
Si	38.7807	20.8798	81.337	91.55292	411.1
Si	-60.6534	55.6816	39.8032	91.55803	393.35
Si	63.1392	-66.125	3.4611	91.56651	394.12
Si	-40.7666	-43.7524	67.4924	91.58723	408.55
Si	-48.724	73.5825	-25.9586	91.61064	392.47
Si	8.9505	-63.6392	-64.0313	91.63953	398.74
Si	-75.5684	25.8515	-43.2644	91.67113	397.4
Si	36.2948	71.0967	-48.4561	91.67254	397.52
Si	-28.3373	26.3514	83.0676	91.69521	405.37
Si	-50.7099	50.7099	-57.109	91.7	389.08
Si	81.0401	31.3231	-34.6115	91.73633	400.2
Si	-53.6957	68.6109	29.4198	91.73947	394.11
Si	0.993	-60.6534	-67.4924	91.74766	395.25
Si	65.6251	-30.8231	57.109	91.75344	388.08
Si	68.1109	-21.3797	58.8396	91.77803	388.79
Si	-36.2948	53.1958	-65.7618	91.79173	389.65
Si	-46.2382	-41.2665	-65.7618	91.82181	377.67
Si	70.5968	-40.7666	43.2644	91.83142	392.08
Si	53.1958	23.3656	72.6842	91.84003	393.4
Si	-45.7383	35.7948	-70.9536	91.87936	397.87
Si	23.3656	-71.0967	-51.9173	91.88616	397.52
Si	81.0401	-18.3939	41.5338	91.91463	405.05
Si	61.1533	11.4363	69.223	91.9242	399.08
Si	-63.1392	21.3797	62.3007	91.94656	413.72
Si	-33.309	66.125	-55.3784	91.95242	389.98
Si	35.7948	-50.7099	-67.4924	91.96188	387.18
Si	50.7099	-20.8798	-74.4147	91.98046	417.03
Si	58.6675	65.6251	32.8809	91.99466	385.42
Si	-48.2241	-73.0826	-20.7669	92.00299	392.8
Si	-63.6392	63.6392	-19.0363	92.01479	384.79
Si	28.8373	-58.6675	-64.0313	92.01622	390.39
Si	-60.6534	50.7099	46.7255	92.02037	398.09
Si	-31.3231	-81.0401	-24.2281	92.06294	398.95

Si	-15.908	-58.6675	67.4924	92.07219	399.24
Si	73.5825	5.9646	-57.109	92.07795	400.79
Si	68.1109	38.2807	51.9173	92.12329	394.79
Si	68.1109	38.2807	-51.9173	92.12329	393.24
Si	80.5401	-5.9646	-46.7255	92.12685	401.45
Si	45.7383	-55.6816	57.109	92.13042	385.61
Si	-55.6816	45.7383	-57.109	92.13042	386.57
Si	-43.7524	-75.5684	22.4975	92.15053	391.6
Si	-20.8798	-78.5542	39.8032	92.1541	398.86
Si	-33.309	76.0684	41.5338	92.18316	391.12
Si	36.2948	76.0684	41.5338	92.18316	393.45
Si	53.1958	63.1392	-44.995	92.18461	400.61
Si	58.1675	3.4788	-72.6842	92.18969	401.85
Si	50.7099	33.809	70.9536	92.20117	390.04
Si	-75.5684	-33.809	-36.3421	92.22483	380.45
Si	-45.7383	80.5401	5.1917	92.22908	398.46
Si	41.2665	-3.4788	83.0676	92.23277	412.81
Si	-68.1109	-48.2241	-34.6115	92.27364	380.08
Si	-46.2382	-51.2099	58.8396	92.29266	386.9
Si	46.2382	-78.0543	-13.8446	92.31237	408.17
Si	-63.1392	-43.2524	48.4561	92.34416	390.89
Si	26.3514	-68.1109	-55.3784	92.35476	396.84
Si	71.0967	-23.3656	-55.3784	92.35476	383.87
Si	-56.1816	43.2524	-58.8396	92.37043	387.59
Si	-51.2099	23.3656	72.6842	92.40663	409.51
Si	-36.2948	-41.2665	-72.6842	92.40813	388.57
Si	-25.8515	35.7948	81.337	92.41238	404.6
Si	35.7948	-25.8515	-81.337	92.41238	409.99
Si	-36.2948	-26.3514	79.6064	92.4143	396.16
Si	-55.6816	-13.9222	-70.9536	92.41733	395.6
Si	28.3373	73.0826	-51.9173	92.41811	395.21
Si	-76.0684	-31.3231	38.0727	92.42388	407.46
Si	58.1675	8.4505	72.6842	92.43054	399.74
Si	-63.1392	-63.1392	-13.8446	92.44615	396.99
Si	-81.0401	18.3939	-38.0727	92.44927	400.2
Si	-71.0967	-41.2665	-38.0727	92.45076	380.57
Si	-63.6392	33.809	57.109	92.4551	409.95
Si	-38.7807	38.7807	-74.4147	92.4656	395.33
Si	-73.5825	33.809	43.2644	92.47949	389.52
Si	25.8515	-60.6534	64.0313	92.49594	388.63
Si	-36.2948	68.1109	51.9173	92.52713	383.6
Si	-75.5684	40.7666	32.8809	92.53122	387.45
Si	40.7666	68.6109	50.1867	92.55237	384.52
Si	-1.4929	78.0543	51.9173	92.5525	404.03
Si	-60.6534	-48.724	46.7255	92.55902	392.78
Si	-48.724	63.6392	-46.7255	92.55902	384.32
Si	-58.1675	-13.4222	-69.223	92.59399	395.07
Si	-70.5968	30.8231	-50.1867	92.60607	394.61
Si	58.6675	-43.7524	-57.109	92.61477	392.31
Si	45.7383	3.9787	-81.337	92.62581	413.48
Si	23.8655	-53.6957	-70.9536	92.63225	393.8
Si	-38.2807	11.4363	83.0676	92.63389	404
Si	80.5401	-10.9363	-46.7255	92.6619	400.66
Si	41.2665	36.2948	76.1453	92.68883	392.85
Si	-48.724	-0.993	77.8759	92.69613	401.43
Si	-80.5401	0.993	-43.2644	92.74415	403.32
Si	-68.1109	-53.1958	-27.6892	92.74823	380.99
Si	68.6109	-48.724	39.8032	92.79471	386.35
Si	-73.5825	-35.7948	-39.8032	92.79545	380.16
Si	63.1392	38.2807	-58.8396	92.8208	394.82
Si	3.4788	-46.2382	79.6064	92.84066	405.16
Si	30.8231	68.6109	57.109	92.87905	383.98

Si	45.7383	8.9505	-81.337	92.89229	411.25
Si	-33.809	-65.6251	-53.6478	92.8931	386.81
Si	-35.7948	35.7948	-77.8759	92.90668	396.14
Si	58.1675	73.0826	-17.3058	92.93323	395.54
Si	73.0826	58.1675	-17.3058	92.93323	391.21
Si	8.9505	-53.6957	74.4147	92.94598	396.22
Si	78.0543	53.1958	-10.3835	92.96588	395.55
Si	-63.6392	-15.908	64.0313	92.97839	402.41
Si	-63.6392	18.8939	64.0313	92.97839	407.74
Si	-53.6957	-30.8231	-67.4924	92.98033	380.44
Si	33.809	-53.6957	67.4924	92.98033	385.71
Si	45.7383	68.6109	-46.7255	92.9825	396.25
Si	78.0543	-51.2099	-3.4611	93.0119	388.39
Si	-33.309	61.1533	62.3007	93.01566	385.42
Si	6.4646	-73.0826	-55.3784	93.02145	402.36
Si	-13.9222	-60.6534	-67.4924	93.03229	395.84
Si	-63.6392	48.724	-46.7255	93.03892	386.84
Si	8.4505	-56.1816	-72.6842	93.04699	400.78
Si	58.1675	-11.4363	-72.6842	93.07073	407.21
Si	75.5684	-15.908	-53.6478	93.10246	389.41
Si	-23.3656	81.0401	41.5338	93.11691	397.63
Si	20.8798	-45.7383	77.8759	93.11972	394.34
Si	-68.6109	-20.8798	57.109	93.14777	400.64
Si	66.125	-23.3656	62.3007	93.14843	387.61
Si	-56.1816	-56.1816	44.995	93.15171	388.73
Si	31.3231	-28.3373	83.0676	93.16602	410.94
Si	58.6675	30.8231	67.4924	93.19023	387.59
Si	-35.7948	70.5968	-50.1867	93.19024	390.39
Si	63.1392	-36.2948	58.8396	93.22161	388.06
Si	-70.5968	-38.7807	-43.2644	93.22384	380.4
Si	-80.5401	-23.8655	-36.3421	93.23743	386.98
Si	-75.5684	-13.9222	-50.1867	93.24579	396.59
Si	-56.1816	53.1958	51.9173	93.24666	401.29
Si	-66.125	-36.2948	-51.9173	93.24962	381.31
Si	78.5542	35.7948	39.8032	93.27042	386.48
Si	60.6534	-70.5968	1.7306	93.27311	392.44
Si	6.4646	-78.0543	-48.4561	93.27631	403.63
Si	-78.0543	6.4646	48.4561	93.27631	403.61
Si	33.309	38.2807	-79.6064	93.28876	398.55
Si	-25.8515	50.7099	74.4147	93.31443	390.87
Si	53.6957	65.6251	-43.2644	93.32672	399.37
Si	-8.9505	-80.5401	43.2644	93.32894	395.7
Si	-45.7383	-18.8939	-77.8759	93.33302	391.4
Si	-8.9505	68.6109	64.0313	93.34821	386.64
Si	-80.5401	45.7383	5.1917	93.34895	395.63
Si	3.4788	-76.0684	51.9173	93.35471	391.08
Si	-76.0684	3.4788	-51.9173	93.35471	402.78
Si	-70.5968	-23.8655	53.6478	93.37055	401.26
Si	-18.8939	-80.5401	-39.8032	93.43092	408.45
Si	-80.5401	-28.8373	32.8809	93.43711	408.64
Si	36.2948	81.0401	34.6115	93.47131	404.11
Si	81.0401	36.2948	34.6115	93.47131	385.67
Si	-70.5968	45.7383	39.8032	93.4819	388.96
Si	-46.2382	68.1109	-44.995	93.49204	386.43
Si	-50.7099	60.6534	-50.1867	93.50828	383.27
Si	-28.8373	58.6675	-67.4924	93.50975	389.43
Si	-51.2099	78.0543	-10.3835	93.52567	391.83
Si	73.0826	-11.4363	58.8396	93.56464	395.15
Si	8.4505	-76.0684	-51.9173	93.59255	403.85
Si	-58.6675	58.6675	43.2644	93.59489	395.57
Si	-76.0684	28.3373	-44.995	93.59981	396.74
Si	-73.0826	-43.2524	-34.6115	93.60344	378.26

Si	25.8515	68.6109	-60.5701	93.63173	389.56
Si	38.2807	-31.3231	-79.6064	93.6345	411.88
Si	-40.7666	-28.8373	-77.8759	93.65058	392.2
Si	-80.5401	35.7948	-29.4198	93.65665	399.82
Si	-6.4646	-76.0684	-51.9173	93.67219	402.15
Si	41.2665	71.0967	48.4561	93.67295	385.57
Si	-38.2807	-68.1109	48.4561	93.67295	383.54
Si	43.7524	65.6251	53.6478	93.68502	382.44
Si	-60.6534	-33.809	60.5701	93.68627	398.95
Si	-60.6534	-63.6392	25.9586	93.692	382.07
Si	-71.0967	8.4505	58.8396	93.70033	398.82
Si	68.6109	-58.6675	25.9586	93.79733	391.61
Si	51.2099	76.0684	27.6892	93.8082	391.77
Si	-48.724	28.8373	-74.4147	93.84566	395.95
Si	-66.125	-26.3514	58.8396	93.85935	399.17
Si	68.1109	8.4505	65.7618	93.86686	398.66
Si	50.7099	-50.7099	-60.5701	93.8946	384.26
Si	-10.9363	-43.7524	81.337	93.90064	409.52
Si	38.2807	-76.0684	38.0727	93.90754	402.15
Si	11.4363	71.0967	-62.3007	93.94114	390.67
Si	51.2099	-48.2241	62.3007	93.94114	379.75
Si	-68.1109	11.4363	62.3007	93.94114	400.65
Si	-55.6816	5.9646	74.4147	93.94934	401.8
Si	-18.8939	-60.6534	-67.4924	93.98406	395.07
Si	78.0543	53.1958	-17.3058	93.99111	392.31
Si	-58.1675	71.0967	20.7669	93.99636	392.02
Si	-51.2099	-26.3514	72.6842	93.99934	394.63
Si	35.7948	-30.8231	-81.337	94.00352	412.3
Si	53.6957	-63.6392	-43.2644	94.01663	385.97
Si	28.3373	63.1392	-65.7618	94.05057	390.22
Si	-75.5684	-3.9787	53.6478	94.05572	395.69
Si	78.5542	-3.9787	53.6478	94.05572	399.02
Si	16.408	-73.0826	55.3784	94.07833	390.08
Si	-41.2665	43.2524	-72.6842	94.10211	395.51
Si	-73.5825	33.809	-46.7255	94.14842	393.95
Si	43.7524	40.7666	74.4147	94.15855	389.7
Si	-78.5542	-40.7666	-25.9586	94.16612	385.05
Si	-71.0967	13.4222	58.8396	94.20006	400.32
Si	56.1816	-43.2524	-62.3007	94.20389	391.56
Si	-53.1958	-43.2524	-62.3007	94.20389	376.55
Si	-38.7807	-75.5684	36.3421	94.23989	386.95
Si	73.5825	5.9646	60.5701	94.26375	398.54
Si	11.4363	56.1816	-76.1453	94.2753	390.1
Si	-45.7383	25.8515	-77.8759	94.28028	396.82
Si	-53.1958	-63.1392	-41.5338	94.30386	384.08
Si	-15.908	-78.5542	46.7255	94.30596	391.72
Si	-56.1816	-71.0967	-17.3058	94.31377	390.26
Si	-60.6534	0.993	-70.9536	94.32294	398.17
Si	73.0826	-31.3231	-51.9173	94.3259	376.9
Si	81.0401	-13.4222	48.4561	94.33033	400.68
Si	38.7807	-73.5825	-43.2644	94.33189	401.3
Si	-76.0684	-51.2099	10.3835	94.34595	396.02
Si	1.4929	46.2382	83.0676	94.35236	409.51
Si	13.4222	68.1109	-65.7618	94.36571	391.04
Si	-1.4929	-66.125	-65.7618	94.3701	394.74
Si	40.7666	-55.6816	64.0313	94.39996	386.17
Si	0.993	-80.5401	-46.7255	94.4084	404.65
Si	-8.9505	58.6675	-74.4147	94.42216	392.87
Si	73.0826	58.1675	-24.2281	94.46742	392.52
Si	78.5542	-8.9505	53.6478	94.47541	398.5
Si	46.2382	6.4646	83.0676	94.48326	413.19
Si	35.7948	53.6957	70.9536	94.53133	381.55

Si	73.5825	50.7099	-36.3421	94.55148	392.76
Si	50.7099	-70.5968	36.3421	94.55149	385.73
Si	-80.5401	-3.9787	46.7255	94.5655	398.14
Si	-23.8655	58.6675	70.9536	94.58536	386.79
Si	31.3231	-63.1392	-62.3007	94.59665	389.88
Si	-68.1109	-13.4222	62.3007	94.59665	401.41
Si	-28.3373	-63.1392	62.3007	94.59665	377.67
Si	-63.1392	-28.3373	62.3007	94.59665	398.63
Si	58.1675	-36.2948	-65.7618	94.68126	392.36
Si	-63.1392	1.4929	69.223	94.7055	395.15
Si	-61.1533	28.3373	-65.7618	94.70897	385.53
Si	38.7807	-43.7524	74.4147	94.7368	391.22
Si	-31.3231	68.1109	58.8396	94.74672	385.7
Si	-41.2665	73.0826	44.995	94.75229	384.73
Si	68.6109	45.7383	-50.1867	94.76905	392.34
Si	-5.9646	-78.5542	-50.1867	94.77269	402.87
Si	-78.5542	-5.9646	50.1867	94.77269	396.54
Si	76.0684	56.1816	-20.7669	94.78199	393.15
Si	76.0684	56.1816	20.7669	94.78199	382.35
Si	-76.0684	53.1958	-17.3058	94.80736	392.35
Si	-58.6675	-65.6251	29.4198	94.81356	381.32
Si	60.6534	-35.7948	64.0313	94.8174	387.28
Si	-38.7807	58.6675	64.0313	94.82031	385.88
Si	51.2099	-78.0543	13.8446	94.822	401.22
Si	-63.1392	6.4646	-69.223	94.83591	397.59
Si	15.908	-50.7099	77.8759	94.8556	393.78
Si	48.2241	23.3656	-79.6064	94.8652	400.53
Si	-28.3373	-33.309	83.0676	94.87486	391.25
Si	-38.7807	-70.5968	-46.7255	94.87967	385.21
Si	-11.4363	-81.0401	44.995	94.88628	394.11
Si	38.2807	-56.1816	-65.7618	94.89105	387.09
Si	-50.7099	-33.809	-70.9536	94.89873	379.91
Si	48.2241	-81.0401	3.4611	94.90775	407.2
Si	-13.4222	-53.1958	-76.1453	94.9285	391.42
Si	48.724	-33.809	74.4147	94.94501	392.87
Si	-20.8798	-73.5825	53.6478	94.94708	389.94
Si	55.6816	33.809	70.9536	94.94819	388.67
Si	-68.6109	-0.993	64.0313	94.97747	391.72
Si	21.3797	-73.0826	55.3784	94.99346	390.17
Si	-73.0826	21.3797	-55.3784	94.99346	393.56
Si	-40.7666	35.7948	-77.8759	95.01124	394.06
Si	56.1816	-68.1109	-34.6115	95.04472	387.72
Si	30.8231	68.6109	-60.5701	95.04644	390.24
Si	-48.724	-70.5968	36.3421	95.0758	390.13
Si	-0.993	60.6534	74.4147	95.09832	389.99
Si	-73.5825	58.6675	-12.114	95.14201	394.21
Si	63.6392	65.6251	32.8809	95.1643	383.4
Si	-33.809	-80.5401	-32.8809	95.1672	398.83
Si	78.5542	-53.6957	-8.6529	95.17936	387.88
Si	68.6109	0.993	67.4924	95.18559	398.03
Si	-61.1533	73.0826	-3.4611	95.1925	382.74
Si	73.0826	23.3656	58.8396	95.21341	401.95
Si	-58.6675	-60.6534	-39.8032	95.21408	382.48
Si	-46.2382	-56.1816	58.8396	95.21921	386.87
Si	66.125	71.0967	-6.9223	95.2361	380.84
Si	-63.1392	71.0967	6.9223	95.2361	391.45
Si	40.7666	-60.6534	-60.5701	95.25396	389.13
Si	78.0543	-21.3797	51.9173	95.29012	400.2
Si	58.6675	55.6816	53.6478	95.30707	380.67
Si	-65.6251	-3.9787	67.4924	95.34141	393.53
Si	81.0401	-43.2524	27.6892	95.37605	397.32
Si	-81.0401	48.2241	10.3835	95.41131	395.11

Si	38.7807	-58.6675	-64.0313	95.44447	387.75
Si	-58.6675	48.724	57.109	95.45409	399.57
Si	-70.5968	-43.7524	-43.2644	95.477	379.36
Si	-76.0684	-31.3231	-44.995	95.48399	381.19
Si	-75.5684	55.6816	-15.5752	95.48538	394.04
Si	-80.5401	15.908	46.7255	95.50127	407.57
Si	71.0967	-18.3939	-62.3007	95.50681	385.46
Si	-68.1109	-18.3939	62.3007	95.50681	401.76
Si	78.0543	53.1958	-24.2281	95.50831	391.04
Si	-61.1533	43.2524	-58.8396	95.55362	386.97
Si	-56.1816	-21.3797	72.6842	95.56406	393.43
Si	-51.2099	-31.3231	72.6842	95.59007	393.85
Si	35.7948	-60.6534	64.0313	95.59699	389.14
Si	-68.6109	-60.6534	-19.0363	95.59851	384.22
Si	-45.7383	-78.5542	-22.4975	95.62669	390.68
Si	-38.7807	78.5542	-39.8032	95.62796	389.16
Si	63.1392	-6.4646	72.6842	95.63772	397.1
Si	-55.6816	-73.5825	-15.5752	95.64433	388.8
Si	65.6251	3.9787	70.9536	95.67404	396.89
Si	-45.7383	30.8231	-77.8759	95.6854	395.66
Si	-61.1533	73.0826	-10.3835	95.69455	383.94
Si	31.3231	51.2099	-76.1453	95.70647	389.63
Si	75.5684	3.9787	-60.5701	95.7189	401.58
Si	20.8798	-50.7099	77.8759	95.73734	393.3
Si	-58.1675	-73.0826	6.9223	95.75378	388.79
Si	-60.6534	-43.7524	-57.109	95.7639	377.84
Si	65.6251	38.7807	-60.5701	95.77082	393.86
Si	-80.5401	30.8231	39.8032	95.7809	387.54
Si	-6.4646	-51.2099	79.6064	95.80237	408.69
Si	20.8798	58.6675	-74.4147	95.82448	388.12
Si	-63.6392	63.6392	-32.8809	95.84099	376.83
Si	-76.0684	23.3656	51.9173	95.86226	407.56
Si	-63.1392	-13.4222	69.223	95.87279	400.54
Si	-15.908	-73.5825	-57.109	95.9195	388.7
Si	-50.7099	-18.8939	-77.8759	95.94482	394.65
Si	-33.809	-60.6534	64.0313	95.96031	376.95
Si	68.6109	-48.724	46.7255	95.9679	384.36
Si	75.5684	8.9505	-60.5701	95.97678	401.2
Si	55.6816	73.5825	-32.8809	95.99215	395.09
Si	58.1675	28.3373	72.6842	95.99801	387.37
Si	78.5542	45.7383	-36.3421	96.00442	391.3
Si	81.0401	51.2099	20.7669	96.07706	385.65
Si	-73.0826	51.2099	-34.6115	96.07935	389.31
Si	-18.8939	78.5542	-53.6478	96.08413	399.07
Si	38.2807	78.0543	-44.995	96.12251	397.9
Si	-80.5401	-23.8655	-43.2644	96.14717	384.43
Si	-23.3656	76.0684	55.3784	96.15726	387.39
Si	-21.3797	-71.0967	-58.8396	96.2003	389.13
Si	65.6251	-30.8231	64.0313	96.21467	389.13
Si	73.5825	40.7666	-50.1867	96.2187	391.87
Si	-53.6957	-10.9363	77.8759	96.25448	397.41
Si	-63.1392	-33.309	62.3007	96.2801	400.42
Si	53.1958	-66.125	44.995	96.2804	383.91
Si	53.1958	-66.125	-44.995	96.2804	384.98
Si	-78.5542	43.7524	-32.8809	96.30453	393.38
Si	43.7524	-78.5542	32.8809	96.30453	399.99
Si	63.6392	30.8231	67.4924	96.32054	387.75
Si	-78.5542	53.6957	-12.114	96.32982	393.71
Si	-18.8939	-70.5968	-60.5701	96.3394	386.5
Si	-30.8231	-38.7807	81.337	96.34312	391.62
Si	48.2241	-51.2099	65.7618	96.36395	382.49
Si	-73.0826	46.2382	-41.5338	96.37792	388.47

Si	76.0684	46.2382	-41.5338	96.37793	393.4
Si	78.5542	10.9363	-57.109	96.3798	399.78
Si	-63.6392	-40.7666	57.109	96.38195	396.22
Si	75.5684	53.6957	-32.8809	96.4027	390.55
Si	48.2241	-81.0401	-17.3058	96.41053	405.59
Si	-35.7948	-63.6392	60.5701	96.44325	376.5
Si	65.6251	-10.9363	70.9536	96.44599	395.91
Si	40.7666	68.6109	57.109	96.48147	382.96
Si	-73.0826	61.1533	13.8446	96.50151	390.54
Si	-58.1675	-73.0826	13.8446	96.50151	386.79
Si	65.6251	73.5825	1.7306	96.50308	385.69
Si	55.6816	68.6109	43.2644	96.50413	383.18
Si	-81.0401	23.3656	-44.995	96.51247	396.21
Si	5.9646	-70.5968	64.0313	96.52419	381.59
Si	18.8939	-68.6109	-64.0313	96.52634	393.31
Si	56.1816	81.0401	0	96.53295	395.57
Si	-33.809	73.5825	-53.6478	96.5465	390.33
Si	36.2948	36.2948	83.0676	96.55346	397.03
Si	-78.5542	33.809	43.2644	96.5592	388.98
Si	-48.724	78.5542	29.4198	96.56975	390.27
Si	-56.1816	28.3373	72.6842	96.59169	406.79
Si	63.6392	-28.8373	67.4924	96.62971	388.43
Si	18.8939	60.6534	74.4147	96.64525	384.26
Si	-15.908	50.7099	81.337	96.64793	387.47
Si	26.3514	-68.1109	-62.3007	96.66443	393.46
Si	71.0967	-23.3656	62.3007	96.66443	389.15
Si	-66.125	-56.1816	38.0727	96.68534	382.77
Si	58.6675	5.9646	-77.8759	96.71389	400.04
Si	-81.0401	-21.3797	44.995	96.74398	406.19
Si	50.7099	58.6675	-60.5701	96.74703	387.79
Si	50.7099	-55.6816	-60.5701	96.74703	380.1
Si	-26.3514	73.0826	-58.8396	96.75992	389.96
Si	-18.3939	66.125	-69.223	96.77095	387.51
Si	21.3797	66.125	-69.223	96.77095	388.86
Si	73.5825	60.6534	25.9586	96.80251	386
Si	-38.2807	31.3231	83.0676	96.80912	397.15
Si	-53.6957	-45.7383	64.0313	96.8327	385.69
Si	78.5542	-28.8373	-50.1867	96.83528	379
Si	-58.1675	6.4646	-76.1453	96.86169	396.78
Si	41.2665	46.2382	76.1453	96.86169	386.03
Si	53.1958	-36.2948	-72.6842	96.87149	398.01
Si	-38.7807	68.6109	57.109	96.8928	383.72
Si	-71.0967	53.1958	38.0727	96.91216	383.45
Si	40.7666	-40.7666	77.8759	96.91714	390.09
Si	68.1109	-46.2382	51.9173	97.01349	384.58
Si	81.0401	-3.4788	55.3784	97.05278	398.21
Si	-65.6251	-33.809	60.5701	97.05555	398.69
Si	63.6392	-63.6392	-36.3421	97.08289	388.07
Si	-60.6534	-3.9787	74.4147	97.10637	395.5
Si	-43.7524	68.6109	-53.6478	97.1084	383.16
Si	28.3373	-76.0684	-51.9173	97.11735	397.23
Si	-75.5684	-38.7807	-43.2644	97.1196	380.78
Si	35.7948	53.6957	-74.4147	97.15613	392.42
Si	-50.7099	35.7948	74.4147	97.15613	404.32
Si	25.8515	-45.7383	-81.337	97.15879	392.47
Si	-43.2524	61.1533	-62.3007	97.1745	381.53
Si	61.1533	-43.2524	62.3007	97.1745	386.91
Si	63.1392	48.2241	-58.8396	97.19138	389.61
Si	-68.1109	-63.1392	-20.7669	97.22788	384.87
Si	-40.7666	75.5684	46.7255	97.24362	384.49
Si	11.4363	-58.1675	-76.1453	97.24372	403
Si	18.8939	75.5684	60.5701	97.25596	381.29

Si	-23.8655	-75.5684	-53.6478	97.26043	389.4
Si	-80.5401	30.8231	-43.2644	97.27019	395.49
Si	68.6109	30.8231	-64.0313	97.28868	395.92
Si	-61.1533	-66.125	31.1504	97.29888	381.38
Si	-56.1816	-41.2665	-65.7618	97.36188	375.8
Si	-13.9222	-80.5401	50.1867	97.3948	393.53
Si	81.0401	-8.4505	55.3784	97.43406	398.44
Si	-48.724	-80.5401	15.5752	97.43587	386.72
Si	-50.7099	-78.5542	19.0363	97.44263	384.38
Si	-60.6534	40.7666	-64.0313	97.49143	387.98
Si	-40.7666	-58.6675	-64.0313	97.49427	380.96
Si	-70.5968	-23.8655	60.5701	97.51262	400.37
Si	63.6392	-8.9505	74.4147	97.51293	396.26
Si	80.5401	38.7807	43.2644	97.52256	386.7
Si	-78.5542	-40.7666	36.3421	97.54053	398.55
Si	80.5401	-0.993	57.109	97.55041	397.72
Si	-28.3373	-73.0826	-55.3784	97.56082	388.93
Si	31.3231	76.0684	55.3784	97.56083	381.29
Si	76.0684	31.3231	-55.3784	97.56083	393.48
Si	-28.8373	68.6109	64.0313	97.59479	385.16
Si	-73.5825	63.6392	-5.1917	97.59833	390.35
Si	33.309	48.2241	79.6064	97.6384	382.68
Si	48.2241	33.309	79.6064	97.6384	392.62
Si	68.1109	-26.3514	-65.7618	97.66209	387.9
Si	68.6109	0.993	-70.9536	97.67027	386.86
Si	-76.0684	-6.4646	-58.8396	97.67892	391.67
Si	76.0684	61.1533	20.7669	97.73502	384.24
Si	63.6392	65.6251	39.8032	97.77211	382.35
Si	78.5542	-58.6675	-1.7306	97.77891	386.7
Si	-58.6675	78.5542	1.7306	97.77891	384.03
Si	-58.1675	-33.309	-69.223	97.78732	382.46
Si	61.1533	36.2948	69.223	97.78732	387.23
Si	36.2948	61.1533	69.223	97.78732	383.71
Si	-53.6957	-70.5968	36.3421	97.79291	388.9
Si	-70.5968	-53.6957	-36.3421	97.79291	376.32
Si	31.3231	81.0401	-48.4561	97.80384	398.87
Si	81.0401	31.3231	-48.4561	97.80384	395.52
Si	-78.0543	-28.3373	48.4561	97.80385	404.2
Si	-51.2099	-56.1816	58.8396	97.80606	386.65
Si	-3.9787	68.6109	70.9536	97.82214	384.15
Si	58.6675	-13.9222	-77.8759	97.83253	404
Si	-30.8231	60.6534	-70.9536	97.87082	387.84
Si	66.125	-23.3656	69.223	97.91362	389.08
Si	80.5401	58.6675	8.6529	97.94013	387.83
Si	-60.6534	35.7948	67.4924	97.949	392.77
Si	51.2099	16.408	83.0676	97.95135	400.84
Si	-13.4222	51.2099	83.0676	97.95135	387.53
Si	48.2241	-31.3231	-79.6064	97.96878	398.21
Si	33.309	73.0826	-58.8396	97.97674	387.1
Si	-58.6675	53.6957	57.109	98.00939	397.56
Si	78.0543	18.3939	58.8396	98.02748	401.26
Si	-81.0401	-41.2665	-31.1504	98.03268	383.52
Si	31.3231	-68.1109	62.3007	98.06073	386.4
Si	-58.1675	-53.1958	55.3784	98.06623	383.47
Si	81.0401	-13.4222	-55.3784	98.06623	389.98
Si	45.7383	-30.8231	-81.337	98.06982	398.4
Si	13.4222	-76.0684	58.8396	98.0824	391.4
Si	63.1392	63.1392	-44.995	98.10748	390.09
Si	70.5968	58.6675	-39.8032	98.12527	392.64
Si	81.0401	41.2665	41.5338	98.15678	387.69
Si	-68.1109	1.4929	-69.223	98.16574	396.74
Si	73.0826	-61.1533	-24.2281	98.16634	385.48

Si	-61.1533	73.0826	-24.2281	98.16634	381.12
Si	70.5968	68.6109	-19.0363	98.19647	381.87
Si	-11.4363	-76.0684	58.8396	98.20903	392.59
Si	-60.6534	-48.724	-57.109	98.21066	377.03
Si	-58.6675	23.8655	-74.4147	98.27184	386.65
Si	-68.1109	-3.4788	69.223	98.29156	395.49
Si	51.2099	71.0967	-48.4561	98.308	395.45
Si	76.0684	-13.4222	62.3007	98.31248	394.68
Si	-38.7807	-80.5401	36.3421	98.34697	387.88
Si	-50.7099	-73.5825	-36.3421	98.39821	386.05
Si	-81.0401	-36.2948	-38.0727	98.43339	380.34
Si	58.1675	13.4222	-79.6064	98.44544	393.42
Si	41.2665	36.2948	83.0676	98.45475	397.11
Si	43.7524	-63.6392	60.5701	98.47226	384.37
Si	-30.8231	-58.6675	-70.9536	98.47845	384.52
Si	50.7099	53.6957	-67.4924	98.50219	387.52
Si	73.0826	-66.125	-3.4611	98.5355	386.37
Si	-66.125	73.0826	-3.4611	98.5355	385.19
Si	-48.2241	66.125	-55.3784	98.56904	381.88
Si	20.8798	53.6957	-81.337	98.57331	389.83
Si	3.4788	68.1109	-72.6842	98.61484	387.16
Si	-53.6957	-65.6251	-46.7255	98.66043	383.27
Si	18.3939	73.0826	-65.7618	98.66788	388.53
Si	18.3939	73.0826	65.7618	98.66788	381.28
Si	-48.2241	-48.2241	-69.223	98.66805	375.96
Si	-73.0826	66.125	0	98.68543	388.95
Si	78.5542	55.6816	-29.4198	98.69344	392.07
Si	33.309	-71.0967	-58.8396	98.70971	392.28
Si	15.908	68.6109	70.9536	98.72704	382.68
Si	-78.0543	-53.1958	20.7669	98.74146	390.33
Si	-78.5542	58.6675	8.6529	98.74891	389.4
Si	-50.7099	-18.8939	81.337	98.77484	394.88
Si	43.7524	55.6816	-70.9536	98.77597	384.17
Si	-80.5401	-48.724	-22.4975	98.77904	385.42
Si	76.0684	51.2099	41.5338	98.78433	378.73
Si	-55.6816	80.5401	-15.5752	98.79263	392.17
Si	53.6957	55.6816	-64.0313	98.80062	387.64
Si	-68.6109	28.8373	64.0313	98.80412	402.08
Si	21.3797	51.2099	83.0676	98.83062	388.89
Si	-68.6109	-55.6816	-39.8032	98.83199	377.12
Si	-68.6109	58.6675	-39.8032	98.83199	378.37
Si	8.4505	68.1109	-72.6842	98.84003	389.49
Si	-15.908	-68.6109	67.4924	98.85624	382.94
Si	-66.125	43.2524	-58.8396	98.88442	386.97
Si	-61.1533	-71.0967	24.2281	98.8979	382.06
Si	-65.6251	-68.6109	19.0363	98.90267	381.71
Si	56.1816	46.2382	-69.223	98.91825	387.61
Si	60.6534	28.8373	-74.4147	98.92029	392.39
Si	-28.8373	-70.5968	-60.5701	98.92208	389.69
Si	-63.6392	-0.993	-74.4147	98.92379	397.14
Si	66.125	76.0684	6.9223	98.92792	386.13
Si	-31.3231	-76.0684	51.9173	98.93456	391.92
Si	-31.3231	-76.0684	-51.9173	98.93456	387.99
Si	71.0967	-63.1392	-27.6892	98.9378	383.95
Si	68.1109	-56.1816	44.995	98.93862	378.9
Si	81.0401	21.3797	55.3784	98.94447	403.5
Si	-18.3939	-78.0543	55.3784	98.94448	391.34
Si	-73.5825	-5.9646	64.0313	98.95424	396.32
Si	31.3231	-43.2524	83.0676	98.95559	391.17
Si	78.5542	25.8515	-57.109	98.96073	392.86
Si	73.5825	50.7099	46.7255	99.00763	383.67
Si	68.1109	53.1958	-51.9173	99.02802	389.86

Si	58.1675	-46.2382	-65.7618	99.07012	390.7
Si	68.1109	-71.0967	-10.3835	99.0708	384
Si	15.908	-80.5401	-53.6478	99.07223	400.81
Si	63.1392	-76.0684	3.4611	99.13628	388.96
Si	70.5968	-20.8798	-67.4924	99.15193	385.99
Si	-35.7948	70.5968	60.5701	99.16885	385.37
Si	48.724	40.7666	-77.8759	99.18595	391.58
Si	-23.8655	-75.5684	57.109	99.21158	390.36
Si	78.5542	-13.9222	60.5701	99.22105	396.59
Si	41.2665	-48.2241	-76.1453	99.25637	385.39
Si	51.2099	-38.2807	76.1453	99.25637	391.07
Si	40.7666	-80.5401	-39.8032	99.27808	398.57
Si	16.408	-68.1109	69.223	99.29236	385.39
Si	-41.2665	-66.125	58.8396	99.31082	377
Si	43.2524	63.1392	65.7618	99.34155	383
Si	58.1675	-16.408	-79.6064	99.34606	405.68
Si	55.6816	-55.6816	-60.5701	99.36846	383.19
Si	80.5401	-25.8515	-53.6478	99.36936	378.7
Si	-48.724	-25.8515	-81.337	99.42417	393.02
Si	58.1675	58.1675	58.8396	99.42894	381.09
Si	81.0401	36.2948	48.4561	99.43301	387.38
Si	-58.1675	76.0684	27.6892	99.43622	388.41
Si	-51.2099	-81.0401	-17.3058	99.4423	391.34
Si	-48.724	-55.6816	64.0313	99.45187	384.56
Si	-43.7524	43.7524	77.8759	99.48691	392.36
Si	-41.2665	43.2524	79.6064	99.54602	394.19
Si	-43.2524	76.0684	-48.4561	99.55723	385.55
Si	-48.2241	61.1533	-62.3007	99.56164	381.17
Si	-81.0401	-31.3231	44.995	99.56471	406.3
Si	-43.2524	71.0967	-55.3784	99.56705	384.03
Si	-3.4788	56.1816	83.0676	99.5781	392.39
Si	63.6392	45.7383	-64.0313	99.59825	387.98
Si	-35.7948	60.6534	-70.9536	99.62302	386.84
Si	61.1533	41.2665	-69.223	99.66507	389.05
Si	81.0401	-58.1675	-6.9223	99.67466	387.19
Si	61.1533	81.0401	6.9223	99.67466	388.92
Si	-33.309	71.0967	-62.3007	99.6857	388.09
Si	-50.7099	-73.5825	39.8032	99.72842	388.91
Si	-66.125	-61.1533	38.0727	99.73091	383.27
Si	-36.2948	48.2241	79.6064	99.74418	390.31
Si	-41.2665	63.1392	65.7618	99.76599	382.79
Si	-75.5684	55.6816	32.8809	99.77989	383.47
Si	-10.9363	70.5968	-70.9536	99.82104	385.16
Si	-81.0401	48.2241	31.1504	99.82908	386.3
Si	35.7948	53.6957	77.8759	99.83192	384.31
Si	-71.0967	53.1958	44.995	99.83479	383.67
Si	-20.8798	-68.6109	67.4924	99.85139	381.88
Si	-66.125	-31.3231	-65.7618	99.86837	380.44
Si	61.1533	26.3514	-76.1453	99.877	391.54
Si	-63.6392	-60.6534	43.2644	99.88066	382.45
Si	-28.8373	-65.6251	-67.4924	99.89977	385.12
Si	-78.5542	38.7807	-46.7255	99.90594	393.18
Si	-26.3514	-61.1533	-72.6842	99.91415	384.3
Si	-75.5684	20.8798	60.5701	99.91518	402.36
Si	-55.6816	-53.6957	60.5701	99.91725	384.77
Si	53.1958	78.0543	38.0727	99.9218	380.46
Si	35.7948	-75.5684	-53.6478	99.96581	395.15
Si	-48.2241	81.0401	34.6115	99.98746	389.4
Si	-70.5968	70.5968	5.1917	99.99608	392.71
Si	5.9646	-80.5401	57.109	100.0542	391.3
Si	81.0401	26.3514	-55.3784	100.0623	393.44
Si	-23.3656	81.0401	55.3784	100.0623	390.36

Si	60.6534	-70.5968	36.3421	100.0881	375.82
Si	75.5684	-65.6251	-5.1917	100.0948	387.71
Si	53.1958	33.309	-79.6064	100.1131	390.68
Si	58.1675	23.3656	-79.6064	100.138	392.09
Si	-81.0401	-21.3797	-51.9173	100.1512	380.86
Si	45.7383	73.5825	-53.6478	100.1632	390.35
Si	45.7383	-70.5968	-53.6478	100.1632	390.42
Si	-25.8515	-78.5542	53.6478	100.1666	391.56
Si	-55.6816	-78.5542	19.0363	100.1941	385.16
Si	-15.908	-73.5825	-64.0313	100.1954	386.94
Si	68.6109	0.993	74.4147	100.2129	398.57
Si	-58.6675	-35.7948	70.9536	100.22	392.4
Si	-51.2099	-66.125	51.9173	100.2256	379.66
Si	-43.7524	-35.7948	-81.337	100.2657	390.04
Si	65.6251	38.7807	-67.4924	100.2923	389.19
Si	-81.0401	-46.2382	31.1504	100.301	398.62
Si	-23.3656	-73.0826	-62.3007	100.3037	388.79
Si	23.8655	60.6534	-77.8759	100.3252	387.46
Si	-65.6251	75.5684	-8.6529	100.3338	385.68
Si	65.6251	-75.5684	-5.1917	100.3909	389.45
Si	61.1533	66.125	48.4561	100.4224	379.87
Si	-71.0967	38.2807	58.8396	100.4225	398.6
Si	78.0543	-51.2099	-38.0727	100.4428	375.18
Si	-41.2665	-81.0401	-38.0727	100.4469	388.96
Si	-50.7099	65.6251	-57.109	100.4963	380.19
Si	-10.9363	-68.6109	-70.9536	100.5158	387.46
Si	-43.2524	-33.309	83.0676	100.5661	388.84
Si	-56.1816	-56.1816	-58.8396	100.5723	375.21
Si	70.5968	-70.5968	-12.114	100.5933	382.7
Si	-43.7524	-70.5968	-53.6478	100.6088	382.22
Si	43.7524	-63.6392	-64.0313	100.6382	390.25
Si	-40.7666	-63.6392	-64.0313	100.6382	382.46
Si	75.5684	-35.7948	57.109	100.6926	383.33
Si	38.7807	75.5684	-57.109	100.6926	385.37
Si	63.1392	3.4788	-79.6064	100.7045	399.38
Si	-33.809	-60.6534	70.9536	100.7114	376.68
Si	-60.6534	-33.809	-70.9536	100.7114	382.1
Si	-81.0401	-56.1816	3.4611	100.7473	388.06
Si	63.1392	-31.3231	72.6842	100.7975	390.02
Si	-53.6957	-20.8798	-81.337	100.8069	393.78
Si	60.6534	-5.9646	-81.337	100.8528	402.77
Si	36.2948	-63.1392	-69.223	100.8975	386.86
Si	36.2948	66.125	69.223	100.8975	384.03
Si	-55.6816	-78.5542	-22.4975	100.9089	388.76
Si	-68.1109	56.1816	48.4561	100.9135	380.41
Si	56.1816	71.0967	-48.4561	100.9135	395.67
Si	-63.6392	78.5542	1.7306	100.914	383.98
Si	8.4505	63.1392	-79.6064	100.925	390.75
Si	50.7099	68.6109	57.109	100.9385	383.89
Si	-81.0401	38.2807	44.995	100.9435	387.71
Si	30.8231	58.6675	77.8759	100.9646	384.16
Si	-13.4222	66.125	76.1453	100.9845	382.93
Si	-80.5401	15.908	-57.109	100.9884	397.73
Si	75.5684	33.809	-60.5701	100.9963	392.18
Si	33.809	75.5684	60.5701	100.9963	380.26
Si	75.5684	-30.8231	-60.5701	100.9963	381.79
Si	63.1392	-6.4646	-79.6064	100.9989	402.79
Si	73.5825	70.5968	-15.5752	101.0685	381.65
Si	80.5401	-40.7666	-46.7255	101.0822	377.39
Si	-63.1392	71.0967	-34.6115	101.0938	378.42
Si	28.3373	-81.0401	51.9173	101.1322	382.88
Si	-3.4788	81.0401	62.3007	101.1625	385.67

Si	56.1816	-63.1392	-55.3784	101.1678	386.62
Si	63.6392	60.6534	53.6478	101.1939	379.34
Si	63.1392	78.0543	24.2281	101.2369	379.99
Si	68.6109	15.908	74.4147	101.2431	388.94
Si	56.1816	-48.2241	-69.223	101.2643	389.4
Si	26.3514	71.0967	69.223	101.2643	380.22
Si	81.0401	41.2665	48.4561	101.2803	389.69
Si	30.8231	-60.6534	-74.4147	101.2915	386.96
Si	-55.6816	45.7383	-70.9536	101.2965	387.04
Si	-28.3373	51.2099	83.0676	101.3008	386.19
Si	58.1675	28.3373	-79.6064	101.3401	391.49
Si	76.0684	56.1816	41.5338	101.3776	378.95
Si	-1.4929	-81.0401	-58.8396	101.4037	397.02
Si	-28.3373	81.0401	-55.3784	101.4119	389.3
Si	-63.6392	-60.6534	-46.7255	101.4279	373.46
Si	78.0543	43.2524	-51.9173	101.4934	393.49
Si	-11.4363	63.1392	79.6064	101.5117	383.15
Si	-58.6675	68.6109	-46.7255	101.5252	385.5
Si	-46.2382	-66.125	-58.8396	101.5506	379.52
Si	-63.6392	3.9787	77.8759	101.553	394.45
Si	28.3373	-71.0967	65.7618	101.5603	387.11
Si	61.1533	76.0684	-34.6115	101.5816	392.36
Si	-75.5684	-63.6392	12.114	101.6237	382.13
Si	65.6251	-10.9363	77.8759	101.6468	397.33
Si	40.7666	53.6957	77.8759	101.6475	384.69
Si	-73.0826	-28.3373	-62.3007	101.65	376.93
Si	70.5968	-70.5968	-19.0363	101.6595	382.68
Si	18.8939	75.5684	67.4924	101.7114	380.58
Si	-55.6816	-48.724	67.4924	101.7148	384.94
Si	-48.724	-55.6816	-67.4924	101.7148	374.66
Si	58.6675	40.7666	74.4147	101.7295	384.81
Si	-73.5825	-30.8231	-60.5701	101.732	377.24
Si	-43.7524	58.6675	70.9536	101.7373	382.58
Si	-55.6816	-43.7524	-70.9536	101.7373	376.05
Si	61.1533	46.2382	-69.223	101.7513	386.8
Si	-43.2524	61.1533	-69.223	101.7513	385.16
Si	1.4929	-73.0826	-69.223	101.7513	388.01
Si	68.6109	75.5684	19.0363	101.7565	380.34
Si	73.0826	73.0826	-10.3835	101.7742	381.39
Si	-68.6109	-55.6816	-46.7255	101.8172	371.39
Si	-18.3939	-63.1392	-76.1453	101.8376	387.81
Si	-38.2807	-53.1958	76.1453	101.8376	377.03
Si	-61.1533	78.0543	24.2281	101.8489	387.21
Si	-73.0826	6.4646	-69.223	101.8727	396.01
Si	6.4646	-73.0826	69.223	101.8727	381.49
Si	-48.2241	71.0967	55.3784	101.8982	379.7
Si	48.724	-73.5825	-50.1867	101.9108	390.92
Si	-58.6675	-10.9363	-81.337	101.9287	393.49
Si	78.0543	-31.3231	-58.8396	101.9835	380.54
Si	71.0967	-73.0826	0	102.0108	387.79
Si	73.0826	3.4788	-72.6842	102.0393	386.14
Si	78.5542	65.6251	19.0363	102.0479	383.58
Si	45.7383	-75.5684	50.1867	102.053	377.61
Si	28.8373	-78.5542	-57.109	102.0622	393.54
Si	-80.5401	5.9646	60.5701	102.0694	395.7
Si	63.1392	18.3939	-79.6064	102.0936	390.14
Si	-80.5401	35.7948	-50.1867	102.1017	394.82
Si	73.5825	-53.6957	46.7255	102.1077	380.92
Si	-61.1533	-11.4363	79.6064	102.122	395.42
Si	61.1533	-53.1958	62.3007	102.1352	377.87
Si	-53.1958	61.1533	62.3007	102.1352	387.16
Si	-25.8515	-58.6675	-77.8759	102.1354	385.09

Si	28.8373	-58.6675	-77.8759	102.1354	389.31
Si	-41.2665	-56.1816	72.6842	102.1651	376.21
Si	63.6392	40.7666	-70.9536	102.1714	387.15
Si	-58.6675	43.7524	70.9536	102.1741	383.19
Si	-46.2382	-41.2665	-79.6064	102.195	385.15
Si	-73.0826	71.0967	6.9223	102.2454	391.18
Si	-28.8373	68.6109	70.9536	102.27	382.36
Si	78.5542	55.6816	39.8032	102.2701	377.56
Si	-56.1816	68.1109	-51.9173	102.2727	383.86
Si	-60.6534	55.6816	60.5701	102.3099	396.73
Si	73.0826	-6.4646	72.6842	102.3298	396
Si	-68.6109	73.5825	-19.0363	102.3418	379.74
Si	58.1675	-66.125	-51.9173	102.3699	388.37
Si	63.6392	65.6251	-50.1867	102.4392	387.59
Si	-33.809	-80.5401	50.1867	102.4419	391.83
Si	-80.5401	-33.809	-50.1867	102.4419	378.26
Si	5.9646	-60.6534	-81.337	102.4591	401.93
Si	68.6109	-68.6109	32.8809	102.472	375.41
Si	73.0826	-71.0967	-10.3835	102.48	385.64
Si	66.125	-78.0543	0	102.4942	388.89
Si	-30.8231	-68.6109	67.4924	102.5382	376.91
Si	-53.1958	81.0401	-34.6115	102.5503	387.24
Si	-66.125	-61.1533	-44.995	102.5733	373.94
Si	78.0543	58.1675	-38.0727	102.5826	389.73
Si	-3.9787	78.5542	-67.4924	102.5847	387.91
Si	-78.0543	-48.2241	-41.5338	102.5895	372.71
Si	-31.3231	73.0826	-65.7618	102.5992	388.15
Si	-63.6392	28.8373	-74.4147	102.6034	384.29
Si	66.125	51.2099	-62.3007	102.6181	388.06
Si	43.7524	75.5684	-57.109	102.6376	389.52
Si	-66.125	78.0543	10.3835	102.6725	386.67
Si	-71.0967	-71.0967	3.4611	102.7155	383.17
Si	-63.1392	41.2665	-69.223	102.7184	387.98
Si	-63.1392	-78.0543	-6.9223	102.7277	386.19
Si	33.309	58.1675	79.6064	102.769	385.99
Si	-65.6251	45.7383	-64.0313	102.7739	388.94
Si	-70.5968	60.6534	-43.2644	102.8041	378.96
Si	73.0826	-11.4363	-72.6842	102.836	387.32
Si	-73.0826	-13.4222	-69.223	102.8387	388.26
Si	-16.408	-61.1533	-79.6064	102.8697	387.04
Si	36.2948	-48.2241	83.0676	102.8746	388.58
Si	-31.3231	-81.0401	51.9173	102.8785	392.84
Si	-8.9505	-60.6534	-81.337	102.8928	389.57
Si	63.1392	-56.1816	58.8396	102.9014	377.08
Si	68.1109	-41.2665	-65.7618	102.9123	379.18
Si	-23.3656	-63.1392	76.1453	102.9241	380.88
Si	75.5684	48.724	-53.6478	102.9372	388.85
Si	-73.0826	-68.1109	-13.8446	102.9459	384.32
Si	76.0684	-68.1109	13.8446	102.946	379.91
Si	70.5968	-65.6251	36.3421	102.9607	375.23
Si	21.3797	81.0401	-62.3007	102.9787	393.06
Si	21.3797	-78.0543	-62.3007	102.9787	392.62
Si	33.309	-71.0967	-65.7618	102.9861	389.25
Si	23.3656	63.1392	79.6064	103.0333	382.83
Si	-20.8798	60.6534	81.337	103.035	382.43
Si	-60.6534	80.5401	-22.4975	103.0377	386.15
Si	-71.0967	-56.1816	44.995	103.0541	377.38
Si	-81.0401	63.1392	-3.4611	103.0725	389.95
Si	78.0543	63.1392	-31.1504	103.1129	389.01
Si	63.1392	78.0543	31.1504	103.1129	380.96
Si	-23.8655	-80.5401	57.109	103.1208	392.14
Si	-71.0967	53.1958	-51.9173	103.1399	379.78

Si	-66.125	43.2524	65.7618	103.1536	389.95
Si	-53.6957	-80.5401	29.4198	103.1539	387
Si	-73.5825	68.6109	22.4975	103.1857	384.1
Si	-70.5968	55.6816	-50.1867	103.2087	378.88
Si	36.2948	-73.0826	62.3007	103.2185	385.01
Si	76.0684	36.2948	62.3007	103.2185	382.69
Si	-78.5542	13.9222	64.0313	103.2571	397.37
Si	78.0543	-51.2099	-44.995	103.2656	375.29
Si	-51.2099	78.0543	-44.995	103.2656	384.8
Si	-68.1109	6.4646	-76.1453	103.2837	394.99
Si	-3.4788	71.0967	-76.1453	103.2837	386.54
Si	-0.993	-73.5825	-70.9536	103.3292	388.37
Si	38.2807	78.0543	58.8396	103.33	378.89
Si	-38.7807	-65.6251	-67.4924	103.3538	382.95
Si	-13.4222	61.1533	83.0676	103.354	381.39
Si	68.6109	-23.8655	74.4147	103.3703	389.28
Si	78.5542	-63.6392	-22.4975	103.3768	384.26
Si	75.5684	73.5825	1.7306	103.3784	381.38
Si	-71.0967	73.0826	-17.3058	103.4109	381.69
Si	81.0401	66.125	13.8446	103.425	383.87
Si	15.908	78.5542	-67.4924	103.4479	390.19
Si	-63.1392	-63.1392	48.4561	103.4534	380.52
Si	68.6109	55.6816	-57.109	103.4537	390.42
Si	75.5684	73.5825	-5.1917	103.4942	381.88
Si	-13.9222	-60.6534	-81.337	103.5157	390.24
Si	35.7948	-65.6251	70.9536	103.5174	384.64
Si	-71.0967	-11.4363	-72.6842	103.5345	389.73
Si	-35.7948	70.5968	67.4924	103.542	385.4
Si	-73.5825	-5.9646	70.9536	103.5681	395.51
Si	33.809	-58.6675	-77.8759	103.5772	386.79
Si	53.1958	-51.2099	72.6842	103.6039	378.24
Si	0.993	73.5825	-74.4147	103.6085	385.88
Si	-56.1816	-31.3231	79.6064	103.636	388.46
Si	55.6816	-75.5684	43.2644	103.6662	380.5
Si	-63.1392	-68.1109	-41.5338	103.668	376.57
Si	-68.1109	-58.1675	-48.4561	103.6921	372.07
Si	78.0543	-61.1533	-31.1504	103.7137	379.36
Si	60.6534	78.5542	36.3421	103.7264	381.29
Si	-55.6816	55.6816	67.4924	103.7332	385.5
Si	-53.1958	-53.1958	-69.223	103.7956	376.57
Si	-80.5401	35.7948	53.6478	103.8467	389.49
Si	8.9505	65.6251	81.337	103.8473	389.4
Si	-48.724	-50.7099	-74.4147	103.8481	375.13
Si	-70.5968	-68.6109	25.9586	103.8523	380.11
Si	43.7524	55.6816	-77.8759	103.8602	384.82
Si	70.5968	78.5542	8.6529	103.8685	386.35
Si	-53.1958	-43.2524	-76.1453	103.8802	377.07
Si	48.2241	-46.2382	79.6064	103.9194	382.82
Si	-65.6251	65.6251	46.7255	103.928	377.27
Si	-65.6251	-13.9222	-77.8759	103.9572	390.5
Si	-66.125	-71.0967	31.1504	103.9797	380.9
Si	-51.2099	-66.125	-58.8396	103.9801	379.36
Si	-73.5825	-65.6251	-25.9586	103.9952	383.41
Si	-76.0684	-51.2099	44.995	104.0091	375.48
Si	-76.0684	-51.2099	-44.995	104.0091	371.91
Si	-48.2241	61.1533	-69.223	104.0335	383.92
Si	-58.1675	51.2099	69.223	104.0335	384.09
Si	45.7383	73.5825	-60.5701	104.0351	388.27
Si	78.0543	-46.2382	51.9173	104.0928	380.92
Si	-70.5968	-73.5825	-1.7306	104.0972	383.18
Si	73.0826	73.0826	24.2281	104.1017	379.96
Si	-73.0826	61.1533	41.5338	104.1438	379.02

Si	3.9787	70.5968	-77.8759	104.145	387.07
Si	-28.8373	-60.6534	77.8759	104.1476	377.96
Si	-68.1109	36.2948	69.223	104.1522	389.64
Si	-33.309	71.0967	69.223	104.1522	383.77
Si	-80.5401	5.9646	-64.0313	104.1606	397.96
Si	-68.6109	78.5542	1.7306	104.1921	384.9
Si	43.2524	-51.2099	-79.6064	104.2047	386.21
Si	70.5968	78.5542	-12.114	104.2139	381.72
Si	71.0967	16.408	-76.1453	104.2365	384.63
Si	66.125	-28.3373	-76.1453	104.2365	382.28
Si	73.0826	-46.2382	58.8396	104.2374	380.86
Si	-80.5401	-38.7807	-50.1867	104.2597	378.63
Si	-71.0967	-16.408	72.6842	104.2721	392.92
Si	-68.6109	78.5542	-5.1917	104.307	385.32
Si	60.6534	68.6109	-53.6478	104.321	386.44
Si	-58.6675	48.724	70.9536	104.3286	385.74
Si	68.1109	78.0543	24.2281	104.3389	380.27
Si	-68.1109	-68.1109	34.6115	104.3424	380.14
Si	-66.125	-76.0684	17.3058	104.3428	383
Si	-73.0826	-53.1958	-48.4561	104.4048	373.18
Si	68.6109	30.8231	74.4147	104.4157	386.08
Si	-61.1533	-76.0684	-31.1504	104.454	380.15
Si	63.1392	-81.0401	17.3058	104.4579	381.35
Si	80.5401	43.7524	-53.6478	104.4625	392.65
Si	80.5401	-40.7666	-53.6478	104.4625	378.83
Si	48.2241	-71.0967	58.8396	104.4756	378.88
Si	68.1109	13.4222	-79.6064	104.4866	388.26
Si	-61.1533	53.1958	-65.7618	104.5101	383.22
Si	70.5968	58.6675	-53.6478	104.5101	389.17
Si	68.1109	63.1392	51.9173	104.564	378.06
Si	81.0401	-63.1392	20.7669	104.5769	380.2
Si	66.125	-73.0826	34.6115	104.579	374.96
Si	-73.0826	66.125	-34.6115	104.579	377.23
Si	41.2665	-58.1675	-76.1453	104.5916	383.78
Si	-58.1675	41.2665	-76.1453	104.5916	388.53
Si	75.5684	43.7524	-60.5701	104.603	392.93
Si	-38.2807	-48.2241	83.0676	104.6611	377.95
Si	70.5968	78.5542	15.5752	104.6727	380.75
Si	-0.993	-78.5542	67.4924	104.7328	383.6
Si	46.2382	66.125	-69.223	104.7438	383.77
Si	41.2665	81.0401	55.3784	104.7686	379.93
Si	-78.0543	41.2665	-55.3784	104.7686	391.22
Si	-36.2948	58.1675	79.6064	104.7717	382.84
Si	-56.1816	-56.1816	-65.7618	104.7727	376.28
Si	63.6392	-63.6392	53.6478	104.7971	373.4
Si	-58.6675	-55.6816	64.0313	104.8246	385.16
Si	-80.5401	65.6251	12.114	104.8289	384.2
Si	5.9646	-75.5684	70.9536	104.8468	381.56
Si	-30.8231	-68.6109	-70.9536	104.8488	383.95
Si	80.5401	48.724	50.1867	104.8711	385.25
Si	-68.6109	78.5542	-12.114	104.8796	382.91
Si	-58.1675	61.1533	-62.3007	104.8814	380.44
Si	-68.6109	-65.6251	-39.8032	104.8983	374.41
Si	-50.7099	-78.5542	-43.2644	104.9023	384.93
Si	55.6816	-70.5968	-53.6478	104.9354	387.97
Si	68.1109	73.0826	38.0727	104.9408	380.43
Si	45.7383	-65.6251	-67.4924	104.9652	390.63
Si	-65.6251	45.7383	67.4924	104.9652	389.42
Si	48.2241	-81.0401	-44.995	104.9764	388.89
Si	-36.2948	-71.0967	-65.7618	104.9847	383.08
Si	-61.1533	-51.2099	-65.7618	105.0083	372.1
Si	-68.1109	-18.3939	-76.1453	105.0632	389.77

Si	81.0401	56.1816	-41.5338	105.0889	388.24
Si	-66.125	13.4222	79.6064	105.1269	385.6
Si	70.5968	73.5825	-32.8809	105.1352	386.65
Si	68.1109	18.3939	79.6064	105.1703	387.17
Si	-76.0684	28.3373	-65.7618	105.1713	381.72
Si	10.9363	78.5542	70.9536	105.1762	383.71
Si	53.6957	-63.6392	-64.0313	105.2014	385.36
Si	43.2524	78.0543	-58.8396	105.2027	387.73
Si	-61.1533	73.0826	44.995	105.2339	377.06
Si	-5.9646	75.5684	74.4147	105.2633	381.22
Si	-73.5825	-60.6534	-39.8032	105.2748	373.29
Si	75.5684	53.6957	-53.6478	105.311	389.99
Si	58.1675	78.0543	-44.995	105.348	391.44
Si	-48.2241	76.0684	-55.3784	105.3568	383.2
Si	58.6675	80.5401	39.8032	105.3646	379.32
Si	-33.309	56.1816	83.0676	105.3672	384.43
Si	-63.1392	-3.4788	83.0676	105.3672	396.25
Si	80.5401	18.8939	-67.4924	105.3873	387.4
Si	-46.2382	-81.0401	44.995	105.4253	384.7
Si	73.5825	-53.6957	53.6478	105.4552	379.54
Si	-53.6957	73.5825	-53.6478	105.4552	383.23
Si	-73.5825	-45.7383	57.109	105.4919	379.45
Si	-60.6534	-78.5542	-29.4198	105.5236	379.1
Si	-81.0401	-1.4929	65.7618	105.571	393.8
Si	51.2099	81.0401	-48.4561	105.5819	389.48
Si	51.2099	-78.0543	-48.4561	105.5819	390.57
Si	-75.5684	40.7666	60.5701	105.5917	397.2
Si	33.309	63.1392	79.6064	105.5922	386.38
Si	-18.8939	73.5825	-74.4147	105.594	383.39
Si	78.5542	-53.6957	46.7255	105.6765	379.05
Si	-50.7099	70.5968	60.5701	105.6845	380.83
Si	-81.0401	8.4505	65.7618	105.7579	396.93
Si	8.4505	-81.0401	-65.7618	105.7579	389.08
Si	66.125	-33.309	-76.1453	105.7667	382.33
Si	-68.6109	73.5825	-32.8809	105.7951	378.59
Si	53.1958	48.2241	79.6064	105.8026	380.71
Si	48.2241	53.1958	79.6064	105.8026	382.37
Si	-81.0401	-6.4646	65.7618	105.8283	396.05
Si	-23.8655	68.6109	77.8759	105.8892	383.66
Si	-71.0967	-61.1533	44.995	105.9167	376.45
Si	65.6251	33.809	77.8759	105.9335	385.56
Si	-65.6251	-73.5825	32.8809	105.9353	379.31
Si	58.6675	50.7099	74.4147	105.966	379.27
Si	-28.3373	76.0684	69.223	106.0338	382.98
Si	78.5542	-43.7524	-57.109	106.052	377.8
Si	-50.7099	60.6534	-70.9536	106.1108	383.73
Si	56.1816	-48.2241	76.1453	106.1166	378.01
Si	-78.5542	-55.6816	-39.8032	106.1168	373.04
Si	-63.6392	-75.5684	-32.8809	106.1216	380.61
Si	78.5542	-63.6392	32.8809	106.1216	377.58
Si	-65.6251	-63.6392	-50.1867	106.14	372.94
Si	68.1109	78.0543	-31.1504	106.16	386.38
Si	-68.6109	-15.908	77.8759	106.2167	395.95
Si	-33.809	-75.5684	64.0313	106.2294	375.6
Si	-68.6109	63.6392	50.1867	106.2798	377.49
Si	80.5401	-40.7666	57.109	106.2815	380.74
Si	68.1109	-21.3797	79.6064	106.2935	390.2
Si	76.0684	-73.0826	13.8446	106.3705	377.65
Si	-61.1533	-81.0401	24.2281	106.4107	386.38
Si	75.5684	18.8939	-74.4147	106.4309	383.41
Si	-65.6251	15.908	81.337	106.4346	385.2
Si	15.908	-65.6251	-81.337	106.4346	395.26

Si	-61.1533	-31.3231	79.6064	106.483	388.59
Si	-58.1675	-53.1958	69.223	106.499	381.9
Si	-70.5968	-43.7524	-64.0313	106.5085	373.81
Si	-43.7524	-70.5968	64.0313	106.5085	376.32
Si	-63.6392	33.809	77.8759	106.5418	386.11
Si	45.7383	-60.6534	-74.4147	106.5709	386.01
Si	-73.0826	1.4929	-76.1453	106.5815	395.07
Si	46.2382	61.1533	76.1453	106.5815	382.55
Si	-43.2524	61.1533	-76.1453	106.5815	384.92
Si	-58.1675	-43.2524	-76.1453	106.5815	376.67
Si	81.0401	71.0967	13.8446	106.6026	383.29
Si	-8.9505	73.5825	77.8759	106.6332	382.05
Si	58.1675	-41.2665	-79.6064	106.6657	383.23
Si	-43.7524	58.6675	77.8759	106.6804	381.48
Si	-3.4788	-73.0826	76.1453	106.6974	380.83
Si	-65.6251	-58.6675	-57.109	106.703	370.64
Si	-18.8939	-75.5684	70.9536	106.7168	382.67
Si	-70.5968	55.6816	-57.109	106.7463	377.66
Si	-66.125	78.0543	31.1504	106.7903	382.23
Si	-73.5825	-25.8515	70.9536	106.8571	383.12
Si	36.2948	-78.0543	-62.3007	106.8658	387
Si	58.6675	40.7666	81.337	106.8974	384.19
Si	51.2099	66.125	-69.223	106.9622	382.13
Si	-63.1392	-48.2241	69.223	106.9622	380.97
Si	13.4222	-76.0684	72.6842	106.9628	380.96
Si	-73.0826	-43.2524	62.3007	106.9814	378.62
Si	-73.0826	-8.4505	-76.1453	107.0443	390.75
Si	-53.6957	63.6392	-67.4924	107.0662	382.64
Si	-11.4363	-76.0684	72.6842	107.079	382.5
Si	-78.5542	-35.7948	-60.5701	107.0825	378.12
Si	-73.0826	61.1533	-48.4561	107.0928	377.82
Si	76.0684	-58.1675	48.4561	107.0928	378.41
Si	61.1533	-68.1109	-55.3784	107.1019	384.95
Si	21.3797	66.125	83.0676	107.1122	383.39
Si	66.125	-18.3939	83.0676	107.1122	389.92
Si	-76.0684	-51.2099	-51.9173	107.1856	373.14
Si	-28.8373	68.6109	77.8759	107.1886	383.02
Si	28.3373	68.1109	-79.6064	107.2183	384.05
Si	65.6251	-65.6251	-53.6478	107.2187	384.56
Si	68.6109	20.8798	81.337	107.2212	385.49
Si	-5.9646	-78.5542	-70.9536	107.2267	384.7
Si	78.5542	75.5684	-8.6529	107.2404	382.31
Si	78.5542	-53.6957	-50.1867	107.2518	376.17
Si	-38.7807	58.6675	-81.337	107.2688	384.01
Si	-45.7383	-63.6392	-70.9536	107.2724	378.33
Si	-18.3939	-78.0543	-69.223	107.3083	386.21
Si	-73.5825	-40.7666	64.0313	107.3415	378.46
Si	78.5542	-68.6109	25.9586	107.3631	378.33
Si	38.2807	78.0543	65.7618	107.4226	380.3
Si	55.6816	-65.6251	64.0313	107.4302	372.32
Si	76.0684	76.0684	-20.7669	107.4908	380.69
Si	-63.1392	41.2665	-76.1453	107.5051	390.1
Si	70.5968	-45.7383	-67.4924	107.5237	380.14
Si	-33.309	-73.0826	-69.223	107.5384	383.18
Si	78.5542	70.5968	-29.4198	107.6072	380.53
Si	-58.6675	-60.6534	64.0313	107.617	383.21
Si	63.6392	-58.6675	-64.0313	107.617	384.23
Si	16.408	76.0684	76.1453	107.62	382.36
Si	-13.4222	76.0684	76.1453	107.62	382.31
Si	68.6109	40.7666	74.4147	107.6327	382.61
Si	-56.1816	-81.0401	-38.0727	107.6456	386.75
Si	-46.2382	78.0543	58.8396	107.7126	380.05

Si	-78.0543	71.0967	-20.7669	107.7205	379
Si	-68.1109	-78.0543	-20.7669	107.7205	382.17
Si	-68.1109	76.0684	-34.6115	107.7226	378.29
Si	78.0543	-36.2948	-65.7618	107.7691	377.26
Si	-61.1533	38.2807	79.6064	107.7733	384.42
Si	61.1533	-63.1392	62.3007	107.7871	373.19
Si	-53.1958	-73.0826	55.3784	107.7921	377.03
Si	-16.408	-76.0684	72.6842	107.7923	381.8
Si	78.5542	50.7099	-57.109	107.8063	389.5
Si	-43.2524	71.0967	-69.223	107.8826	380.7
Si	65.6251	63.6392	-60.5701	107.9066	385.24
Si	-68.6109	-80.5401	1.7306	107.9211	385.8
Si	81.0401	56.1816	-48.4561	108.0121	386.32
Si	78.0543	-21.3797	72.6842	108.0175	383.7
Si	78.5542	75.5684	-15.5752	108.0196	379.32
Si	-80.5401	-58.6675	-36.3421	108.0252	373.84
Si	-71.0967	-6.4646	79.6064	108.0267	393.81
Si	35.7948	78.5542	-67.4924	108.0292	384.67
Si	78.5542	35.7948	67.4924	108.0292	384.29
Si	-66.125	-51.2099	-65.7618	108.0481	373.56
Si	-18.8939	-70.5968	77.8759	108.061	382
Si	-81.0401	-66.125	-17.3058	108.0896	384.43
Si	-61.1533	-36.2948	-79.6064	108.1187	380.43
Si	-63.1392	26.3514	83.0676	108.1456	383.25
Si	-36.2948	-81.0401	-58.8396	108.1744	383.81
Si	81.0401	66.125	34.6115	108.1805	373.42
Si	-71.0967	78.0543	24.2281	108.2492	383.11
Si	-68.6109	78.5542	29.4198	108.2521	384.88
Si	-33.809	-60.6534	-81.337	108.2778	379.24
Si	-46.2382	73.0826	-65.7618	108.2957	381.17
Si	48.2241	58.1675	79.6064	108.319	383.43
Si	-68.6109	43.7524	70.9536	108.3273	388.51
Si	-35.7948	80.5401	-64.0313	108.346	384.95
Si	60.6534	53.6957	-74.4147	108.4557	380.23
Si	-23.8655	-65.6251	-81.337	108.46	383.78
Si	78.0543	58.1675	51.9173	108.4853	377.22
Si	65.6251	-30.8231	-81.337	108.5033	383
Si	-11.4363	-71.0967	79.6064	108.5062	382.1
Si	-71.0967	-11.4363	79.6064	108.5062	397.02
Si	-68.6109	-80.5401	-12.114	108.585	384.21
Si	-38.2807	-78.0543	62.3007	108.5867	378.31
Si	73.0826	58.1675	-58.8396	108.6241	388.62
Si	-73.5825	78.5542	15.5752	108.7077	384.81
Si	-48.2241	-58.1675	76.1453	108.7624	372.25
Si	55.6816	-60.6534	70.9536	108.7795	377.04
Si	-68.6109	-35.7948	-74.4147	108.8231	374.93
Si	-48.2241	-48.2241	83.0676	108.8292	378.28
Si	25.8515	73.5825	77.8759	108.8802	382.21
Si	63.1392	-51.2099	-72.6842	108.9075	379.78
Si	-78.5542	-40.7666	-60.5701	108.9135	377.11
Si	43.7524	-78.5542	60.5701	108.9135	379.33
Si	68.6109	75.5684	-43.2644	108.9211	383.77
Si	75.5684	63.6392	50.1867	108.9406	374.82
Si	-80.5401	-8.9505	-70.9536	108.9628	388.82
Si	53.1958	-61.1533	72.6842	108.9987	378.13
Si	43.2524	63.1392	-79.6064	109.0014	382.57
Si	76.0684	81.0401	0	109.0379	385.01
Si	63.6392	70.5968	-57.109	109.0822	384.64
Si	-30.8231	-63.6392	81.337	109.0973	379.41
Si	-63.6392	33.809	-81.337	109.0973	384.63
Si	-48.2241	-73.0826	62.3007	109.1543	374.56
Si	-45.7383	-58.6675	-77.8759	109.1545	375.67

Si	60.6534	63.6392	-67.4924	109.1666	383.11
Si	76.0684	-38.2807	-69.223	109.2487	378.66
Si	-78.0543	-73.0826	6.9223	109.2574	383.52
Si	-68.6109	68.6109	50.1867	109.2614	379.94
Si	71.0967	-78.0543	-27.6892	109.2664	382.09
Si	-46.2382	-56.1816	79.6064	109.2785	373.22
Si	-63.6392	73.5825	50.1867	109.3517	376.93
Si	-63.6392	-70.5968	50.1867	109.3517	380.88
Si	-70.5968	60.6534	-57.109	109.3541	377.82
Si	-76.0684	-61.1533	-44.995	109.384	371.68
Si	-80.5401	15.908	-70.9536	109.4149	387.16
Si	15.908	-80.5401	70.9536	109.4149	382.3
Si	78.0543	53.1958	-58.8396	109.5305	389.31
Si	-15.908	-73.5825	-77.8759	109.5617	383.85
Si	-70.5968	75.5684	-36.3421	109.5667	377.77
Si	33.809	-78.5542	67.4924	109.5769	384.76
Si	68.6109	-63.6392	-57.109	109.583	382.83
Si	-28.3373	81.0401	-69.223	109.5875	385.08
Si	31.3231	81.0401	-69.223	109.5875	384.68
Si	31.3231	-78.0543	69.223	109.5875	385.82
Si	-80.5401	70.5968	-22.4975	109.5943	380.42
Si	-73.5825	68.6109	43.2644	109.6036	376.09
Si	-73.5825	-60.6534	50.1867	109.6229	375.09
Si	28.3373	-76.0684	-72.6842	109.6329	384.04
Si	78.0543	78.0543	17.3058	109.6485	381.15
Si	50.7099	-80.5401	-53.6478	109.6806	388.9
Si	-73.5825	53.6957	-60.5701	109.6823	379.8
Si	-66.125	-76.0684	38.0727	109.7154	378.67
Si	-76.0684	-56.1816	51.9173	109.7156	374.82
Si	-56.1816	-76.0684	-51.9173	109.7156	374.37
Si	-80.5401	-43.7524	-57.109	109.7178	376.91
Si	78.5542	-63.6392	-43.2644	109.7836	375.52
Si	-48.724	68.6109	70.9536	109.8225	375.54
Si	-26.3514	-76.0684	72.6842	109.882	380.74
Si	-80.5401	-33.809	-64.0313	109.8892	377.95
Si	-75.5684	-73.5825	-22.4975	109.9132	381.69
Si	43.2524	-76.0684	65.7618	109.9283	382.29
Si	-73.0826	-63.1392	-48.4561	109.94	374.2
Si	-68.1109	-63.1392	-55.3784	109.9489	370.79
Si	-63.1392	-68.1109	55.3784	109.9489	379.5
Si	80.5401	18.8939	-74.4147	109.9491	385.39
Si	-43.7524	68.6109	-74.4147	109.9523	381.98
Si	-81.0401	-1.4929	-72.6842	110.0163	391.49
Si	51.2099	-68.1109	69.223	110.0377	375.15
Si	-68.1109	51.2099	69.223	110.0377	387.15
Si	-70.5968	80.5401	25.9586	110.0874	383.38
Si	71.0967	76.0684	41.5338	110.142	381.59
Si	-68.1109	-18.3939	83.0676	110.1835	392.59
Si	-68.1109	21.3797	83.0676	110.1835	383.51
Si	-76.0684	-41.2665	65.7618	110.312	377.53
Si	-65.6251	75.5684	46.7255	110.3417	377.01
Si	73.0826	28.3373	-79.6064	110.3761	384.26
Si	-58.1675	76.0684	55.3784	110.3976	377.46
Si	76.0684	-58.1675	55.3784	110.3976	379.27
Si	-70.5968	65.6251	53.6478	110.399	377.96
Si	80.5401	-35.7948	-67.4924	110.4268	376.76
Si	-73.5825	23.8655	77.8759	110.4604	380.46
Si	-63.6392	63.6392	64.0313	110.4733	391.4
Si	-43.2524	81.0401	62.3007	110.5046	378.72
Si	-73.5825	33.809	-74.4147	110.536	380.28
Si	41.2665	71.0967	76.1453	110.5655	379.28
Si	-51.2099	73.0826	-65.7618	110.5771	382.93

Si	-78.0543	-63.1392	-41.5338	110.5899	374.9
Si	-81.0401	73.0826	-17.3058	110.6177	379.78
Si	78.5542	-53.6957	-57.109	110.6602	374.57
Si	-6.4646	78.0543	79.6064	110.7346	381.96
Si	0.993	-80.5401	-74.4147	110.7575	384.56
Si	55.6816	53.6957	-81.337	110.8028	381.42
Si	-43.7524	-70.5968	70.9536	110.8082	375.64
Si	-58.1675	-68.1109	-62.3007	110.8397	374.99
Si	61.1533	-68.1109	-62.3007	110.8397	383.2
Si	-33.309	66.125	83.0676	110.8544	382.2
Si	53.6957	60.6534	-77.8759	110.8591	381.08
Si	70.5968	-75.5684	-39.8032	110.8968	380.22
Si	-73.0826	-73.0826	34.6115	110.9998	378.33
Si	-73.0826	76.0684	34.6115	110.9999	379.85
Si	-71.0967	28.3373	79.6064	111.0273	381.43
Si	63.6392	55.6816	74.4147	111.0681	376.35
Si	-53.6957	-70.5968	64.0313	111.0977	374.77
Si	-70.5968	-53.6957	-64.0313	111.0977	373.01
Si	-13.4222	81.0401	-76.1453	111.123	383.41
Si	-53.1958	61.1533	-76.1453	111.123	383.84
Si	-43.2524	-73.0826	69.223	111.1552	375.21
Si	71.0967	26.3514	83.0676	111.1884	382.57
Si	75.5684	-80.5401	-12.114	111.1906	382.44
Si	-75.5684	-63.6392	46.7255	111.1931	374.86
Si	-33.809	68.6109	-81.337	111.2059	382.37
Si	-51.2099	-71.0967	65.7618	111.227	373.82
Si	63.1392	73.0826	-58.8396	111.2989	384.57
Si	58.6675	80.5401	53.6478	111.335	367.94
Si	-75.5684	-28.8373	74.4147	111.337	383.15
Si	53.6957	-58.6675	-77.8759	111.3959	379.38
Si	-80.5401	60.6534	46.7255	111.4121	376.85
Si	-76.0684	-6.4646	79.6064	111.4283	397.79
Si	-6.4646	-76.0684	-79.6064	111.4283	381.48
Si	80.5401	78.5542	15.5752	111.4877	380.99
Si	-53.1958	-73.0826	62.3007	111.5067	376.19
Si	76.0684	56.1816	62.3007	111.5067	373.72
Si	73.5825	35.7948	-77.8759	111.5266	382.07
Si	-78.5542	-20.8798	-74.4147	111.56	378.7
Si	63.6392	-48.724	-77.8759	111.5731	381.08
Si	28.8373	-73.5825	-77.8759	111.5737	383.86
Si	-66.125	78.0543	44.995	111.6171	375.52
Si	35.7948	-80.5401	-67.4924	111.6301	384.55
Si	78.0543	-76.0684	-24.2281	111.6441	381.02
Si	78.0543	-61.1533	51.9173	111.7211	377.77
Si	78.0543	18.3939	-79.6064	111.734	384.89
Si	6.4646	76.0684	83.0676	111.7428	386.65
Si	13.4222	-76.0684	-79.6064	111.7822	384.54
Si	-78.5542	68.6109	-39.8032	111.7885	378.19
Si	-51.2099	68.1109	72.6842	111.7968	374.72
Si	-33.809	-70.5968	77.8759	111.8382	378.89
Si	-76.0684	63.1392	51.9173	111.8545	378.18
Si	43.2524	68.1109	79.6064	111.8883	380.62
Si	68.1109	43.2524	-79.6064	111.8883	381.94
Si	-16.408	78.0543	79.6064	111.8896	381.65
Si	-11.4363	-76.0684	-79.6064	111.8933	382.45
Si	80.5401	73.5825	-32.8809	111.922	382.73
Si	-63.1392	61.1533	-69.223	111.9308	381.54
Si	66.125	61.1533	69.223	111.9308	375.83
Si	-71.0967	63.1392	-58.8396	111.9447	378.39
Si	-25.8515	80.5401	74.4147	111.9542	380.21
Si	-56.1816	-61.1533	-72.6842	111.9548	373.13
Si	73.0826	-31.3231	79.6064	111.9784	381.91

Si	55.6816	-80.5401	-53.6478	111.9997	388.25
Si	-63.6392	58.6675	70.9536	112.0068	383.67
Si	-81.0401	-46.2382	-58.8396	112.0359	379.01
Si	-80.5401	-63.6392	39.8032	112.0531	377.79
Si	75.5684	-70.5968	43.2644	112.0532	373.51
Si	-73.5825	-35.7948	-74.4147	112.0904	376.2
Si	36.2948	-73.0826	-76.1453	112.1195	382.38
Si	-3.9787	78.5542	-81.337	112.1789	382.41
Si	68.1109	-41.2665	-79.6064	112.2654	382.23
Si	-65.6251	-43.7524	-77.8759	112.3237	375.04
Si	-66.125	-51.2099	72.6842	112.3955	380.39
Si	71.0967	-43.2524	-76.1453	112.4497	382
Si	35.7948	78.5542	-74.4147	112.4839	383.65
Si	80.5401	38.7807	70.9536	112.5756	382.3
Si	-58.6675	-65.6251	-67.4924	112.6025	373.59
Si	-66.125	63.1392	65.7618	112.6813	390.69
Si	-78.0543	41.2665	-69.223	112.701	378.48
Si	-36.2948	-76.0684	-72.6842	112.8125	382.5
Si	-80.5401	-73.5825	19.0363	112.819	379.76
Si	58.6675	-68.6109	67.4924	112.8658	371.95
Si	68.6109	-38.7807	81.337	112.8826	381.1
Si	26.3514	81.0401	-76.1453	112.8885	384.03
Si	-68.1109	-73.0826	-48.4561	112.9344	372.09
Si	71.0967	71.0967	-55.3784	112.9431	383.01
Si	-68.1109	-68.1109	-55.3784	112.9431	370.51
Si	-73.5825	-60.6534	57.109	112.9598	375.16
Si	-68.6109	43.7524	77.8759	112.9825	383.8
Si	-78.5542	68.6109	43.2644	113.0671	376.13
Si	40.7666	-70.5968	77.8759	113.1547	376.75
Si	66.125	-73.0826	55.3784	113.1617	369.37
Si	58.1675	-71.0967	65.7618	113.1631	370.48
Si	38.2807	73.0826	-79.6064	113.2061	381.13
Si	-71.0967	-46.2382	-72.6842	113.2718	372.8
Si	-81.0401	-66.125	-38.0727	113.2846	375.79
Si	60.6534	-55.6816	77.8759	113.2852	379.48
Si	-65.6251	-63.6392	-64.0313	113.3446	370.89
Si	-78.0543	-63.1392	48.4561	113.3713	375.94
Si	78.0543	53.1958	-65.7618	113.3996	385.72
Si	80.5401	78.5542	-25.9586	113.4053	379.48
Si	-58.6675	-80.5401	50.1867	113.4345	377.29
Si	78.5542	70.5968	46.7255	113.5653	373.45
Si	-78.0543	71.0967	41.5338	113.5672	374.11
Si	63.6392	50.7099	81.337	113.579	377.69
Si	-68.1109	-63.1392	62.3007	113.593	376.62
Si	61.1533	61.1533	-76.1453	113.6522	381.34
Si	-80.5401	-48.724	60.5701	113.6658	380.56
Si	-71.0967	-56.1816	65.7618	113.6671	377.33
Si	78.5542	65.6251	53.6478	113.7078	373.58
Si	45.7383	78.5542	70.9536	113.7124	379.24
Si	61.1533	-48.2241	83.0676	113.7162	379.94
Si	68.1109	58.1675	-72.6842	113.7231	380.01
Si	76.0684	41.2665	-76.1453	113.7609	380.65
Si	-58.6675	58.6675	77.8759	113.8106	385.28
Si	-58.1675	81.0401	55.3784	113.8151	377.39
Si	61.1533	81.0401	-55.3784	113.8151	385.77
Si	71.0967	-33.309	83.0676	113.8248	381.83
Si	-68.1109	36.2948	83.0676	113.8248	383.63
Si	-53.1958	-63.1392	76.1453	113.8695	370.25
Si	63.6392	-53.6957	-77.8759	113.8973	380.15
Si	-25.8515	-73.5825	81.337	114.0164	380.6
Si	-80.5401	80.5401	5.1917	114.0388	387.1
Si	78.5542	-43.7524	-70.9536	114.1052	377.72

Si	-70.5968	80.5401	39.8032	114.1476	375.54
Si	-71.0967	-81.0401	-31.1504	114.2422	379.05
Si	80.5401	-80.5401	8.6529	114.2487	385.3
Si	80.5401	-25.8515	77.8759	114.284	382.74
Si	70.5968	48.724	77.8759	114.3275	378.92
Si	48.724	70.5968	-77.8759	114.3275	377.69
Si	70.5968	58.6675	70.9536	114.3621	374.6
Si	46.2382	-63.1392	83.0676	114.3664	374.63
Si	48.2241	-66.125	79.6064	114.4254	377.56
Si	-68.1109	51.2099	-76.1453	114.5189	380.31
Si	-76.0684	-81.0401	-17.3058	114.5729	379.98
Si	-76.0684	-26.3514	79.6064	114.5786	381.82
Si	-66.125	78.0543	51.9173	114.5829	376.19
Si	-60.6534	-78.5542	53.6478	114.6638	378.22
Si	3.4788	-81.0401	-79.6064	114.6858	384.14
Si	78.0543	-71.0967	-44.995	114.6972	375.26
Si	-1.4929	-81.0401	-79.6064	114.7074	381.99
Si	-73.5825	78.5542	-39.8032	114.713	376.63
Si	-80.5401	-78.5542	5.1917	114.7341	386.11
Si	-71.0967	68.1109	58.8396	114.7576	378.23
Si	-68.6109	-50.7099	-74.4147	114.7921	371.52
Si	-68.6109	53.6957	-74.4147	114.7921	382.81
Si	-81.0401	-6.4646	79.6064	114.9444	398.34
Si	53.1958	-71.0967	72.6842	115.0019	374.52
Si	-40.7666	-78.5542	-70.9536	115.0123	382.65
Si	-75.5684	65.6251	-57.109	115.3812	376.12
Si	-11.4363	-81.0401	79.6064	115.3952	379.82
Si	63.1392	58.1675	-79.6064	115.5399	380.18
Si	-73.0826	31.3231	83.0676	115.549	380.29
Si	73.0826	-61.1533	-65.7618	115.6471	375.89
Si	-61.1533	-76.0684	-58.8396	115.7687	371.21
Si	73.5825	65.6251	-64.0313	115.8009	384.2
Si	81.0401	-78.0543	27.6892	115.8543	379.94
Si	-81.0401	18.3939	-79.6064	115.9074	385.14
Si	-75.5684	-63.6392	-57.109	115.9399	372.88
Si	38.2807	-81.0401	-72.6842	115.9656	384.51
Si	61.1533	-53.1958	83.0676	115.976	378.27
Si	-58.1675	56.1816	83.0676	115.976	384.34
Si	-78.0543	16.408	83.0676	115.9761	383.72
Si	76.0684	76.0684	-48.4561	116.0647	378.65
Si	-73.5825	43.7524	77.8759	116.1328	382.88
Si	80.5401	78.5542	36.3421	116.2225	371.58
Si	-71.0967	-61.1533	-65.7618	116.2687	371.78
Si	-63.1392	61.1533	76.1453	116.3391	383.9
Si	78.5542	40.7666	-77.8759	116.3852	381.21
Si	40.7666	78.5542	77.8759	116.3852	381.46
Si	51.2099	66.125	83.0676	116.4015	379.85
Si	-63.6392	58.6675	77.8759	116.5151	384.55
Si	-66.125	53.1958	79.6064	116.5442	384.36
Si	-81.0401	-56.1816	58.8396	116.6196	378.36
Si	66.125	76.0684	-62.3007	116.7056	383.34
Si	81.0401	-18.3939	83.0676	116.7196	380.33
Si	63.6392	-63.6392	74.4147	116.7985	377.29
Si	-80.5401	80.5401	25.9586	116.8407	380.89
Si	70.5968	63.6392	70.9536	116.9269	376.09
Si	76.0684	36.2948	83.0676	116.9312	382.24
Si	50.7099	73.5825	77.8759	116.9781	378.39
Si	73.0826	73.0826	-58.8396	117.0994	381.25
Si	-55.6816	-68.6109	74.4147	117.1368	369.99
Si	-56.1816	73.0826	72.6842	117.1939	370.56
Si	-46.2382	73.0826	79.6064	117.22	384.33
Si	46.2382	-68.1109	83.0676	117.2478	377.73

Si	68.1109	78.0543	58.8396	117.3103	367.85
Si	-71.0967	58.1675	-72.6842	117.3211	378.83
Si	-78.5542	-55.6816	64.0313	117.3732	378.7
Si	-78.5542	-80.5401	-25.9586	117.5194	379.17
Si	-63.1392	-68.1109	69.223	117.5322	372.91
Si	-73.0826	51.2099	76.1453	117.6069	381.82
Si	70.5968	-65.6251	-67.4924	117.6239	376.37
Si	-81.0401	43.2524	72.6842	117.6373	382.11
Si	81.0401	-78.0543	-34.6115	117.7008	378.87
Si	78.0543	-66.125	-58.8396	117.881	376.98
Si	78.0543	-76.0684	44.995	117.9065	373.49
Si	-30.8231	80.5401	81.337	117.9343	378.3
Si	78.5542	55.6816	-70.9536	117.9376	386.07
Si	68.1109	-76.0684	-58.8396	117.9653	374.08
Si	-81.0401	-26.3514	-79.6064	118.0008	378.66
Si	48.724	-73.5825	-77.8759	118.0329	374.38
Si	-68.6109	68.6109	-67.4924	118.2141	376.9
Si	-60.6534	60.6534	81.337	118.2279	384.87
Si	73.5825	-63.6392	67.4924	118.2976	379.04
Si	80.5401	53.6957	70.9536	118.3555	375.49
Si	-65.6251	80.5401	-57.109	118.3838	371.17
Si	-66.125	-76.0684	-58.8396	118.5328	371.75
Si	-43.7524	-75.5684	77.8759	118.5337	375.89
Si	63.6392	-73.5825	67.4924	118.5483	370.77
Si	63.1392	-61.1533	-79.6064	118.5833	379.06
Si	-53.1958	66.125	83.0676	118.6102	384.16
Si	-70.5968	-73.5825	-57.109	118.721	372.79
Si	-60.6534	-58.6675	81.337	118.7314	371.2
Si	-61.1533	78.0543	-65.7618	118.789	372.25
Si	78.0543	-81.0401	-38.0727	118.8397	381.17
Si	-78.0543	-43.2524	76.1453	118.8613	372.03
Si	-78.0543	-43.2524	-76.1453	118.8613	373.71
Si	-61.1533	-61.1533	79.6064	119.1062	371.17
Si	-58.6675	-65.6251	77.8759	119.1165	369.32
Si	80.5401	-60.6534	64.0313	119.2083	375.85
Si	73.5825	-68.6109	-64.0313	119.2118	375.76
Si	-48.2241	71.0967	83.0676	119.2338	384.56
Si	-81.0401	-31.3231	-79.6064	119.2718	377.39
Si	73.5825	60.6534	74.4147	119.3081	375.27
Si	-56.1816	-66.125	-79.6064	119.3135	368.3
Si	81.0401	71.0967	55.3784	119.3282	371.6
Si	71.0967	81.0401	55.3784	119.3282	366.18
Si	53.6957	75.5684	-77.8759	119.4863	373.49
Si	-63.6392	-75.5684	64.0313	119.5016	377.3
Si	-80.5401	-43.7524	74.4147	119.6416	372.21
Si	-70.5968	65.6251	-70.9536	119.7675	379.38
Si	-46.2382	-81.0401	72.6842	119.8872	375.69
Si	63.6392	75.5684	-70.9536	119.9323	374.94
Si	-35.7948	-78.5542	81.337	120.0568	377.06
Si	-73.5825	78.5542	-53.6478	120.2201	371.31
Si	46.2382	-73.0826	83.0676	120.2658	377.23
Si	78.0543	-46.2382	79.6064	120.3208	371.38
Si	-73.5825	-70.5968	-60.5701	120.4242	373.17
Si	-68.6109	78.5542	-60.5701	120.5061	370.1
Si	78.5542	-53.6957	74.4147	120.5064	370.33
Si	76.0684	-63.1392	69.223	120.5431	380.03
Si	48.724	80.5401	-77.8759	120.5981	377.63
Si	-76.0684	78.0543	-51.9173	120.7179	372.67
Si	51.2099	-78.0543	-76.1453	120.8207	375.15
Si	73.0826	-76.0684	-58.8396	120.8426	375.88
Si	-80.5401	-63.6392	60.5701	120.9973	374.33
Si	-58.1675	-78.0543	-69.223	121.1567	372.9

Si	-78.0543	-58.1675	-69.223	121.1567	375.46
Si	75.5684	78.5542	57.109	121.1902	365.81
Si	80.5401	-70.5968	57.109	121.2717	373.11
Si	53.1958	-81.0401	-72.6842	121.5231	375.46
Si	-71.0967	-81.0401	-51.9173	121.558	372.37
Si	-80.5401	-48.724	74.4147	121.6089	371.23
Si	-78.0543	-38.2807	83.0676	121.696	374.12
Si	41.2665	-78.0543	83.0676	121.696	378.48
Si	-71.0967	58.1675	-79.6064	121.731	381.94
Si	-78.5542	-60.6534	-67.4924	121.7577	373.68
Si	-61.1533	-66.125	-79.6064	121.7946	367.75
Si	-66.125	-81.0401	58.8396	121.844	376.57
Si	53.1958	78.0543	-79.6064	121.9509	377.65
Si	-60.6534	75.5684	74.4147	122.0119	370.29
Si	-81.0401	43.2524	79.6064	122.0358	382.34
Si	-73.5825	73.5825	64.0313	122.2017	377.76
Si	78.0543	63.1392	72.6842	122.2493	376.22
Si	-68.6109	78.5542	64.0313	122.2824	377.24
Si	-68.6109	-65.6251	-74.4147	122.2984	369.43
Si	-78.0543	81.0401	-48.4561	122.4888	373.66
Si	68.6109	-78.5542	-64.0313	122.525	375.28
Si	53.1958	-76.0684	-79.6064	122.5811	374.15
Si	-65.6251	75.5684	-70.9536	122.5823	373.36
Si	-63.6392	-80.5401	64.0313	122.7665	379.62
Si	-81.0401	-81.0401	38.0727	122.7718	372.27
Si	-76.0684	63.1392	-72.6842	122.878	380.94
Si	-53.1958	81.0401	-76.1453	122.9501	373.43
Si	78.0543	78.0543	58.8396	123.229	368.13
Si	68.1109	68.1109	-79.6064	123.3414	376.45
Si	-63.6392	78.5542	70.9536	123.3493	369.14
Si	70.5968	78.5542	-67.4924	123.5679	376.74
Si	-80.5401	-53.6957	74.4147	123.7447	369.54
Si	-73.0826	56.1816	83.0676	124.3084	380.34
Si	-76.0684	-76.0684	-58.8396	124.4733	374.14
Si	-80.5401	80.5401	-50.1867	124.4853	372.78
Si	58.6675	-73.5825	81.337	124.5832	376.39
Si	-81.0401	-76.0684	51.9173	124.5907	372.88
Si	-63.1392	76.0684	-76.1453	124.6472	375.67
Si	58.1675	-76.0684	79.6064	124.7596	377.04
Si	80.5401	63.6392	-74.4147	125.0927	379.96
Si	80.5401	-60.6534	-74.4147	125.0927	376.44
Si	-73.5825	-75.5684	64.0313	125.199	373.46
Si	-78.0543	81.0401	-55.3784	125.3885	373.07
Si	81.0401	76.0684	62.3007	125.5812	367.25
Si	-65.6251	80.5401	-70.9536	125.6491	373.24
Si	-73.5825	-70.5968	70.9536	125.9669	369.08
Si	-80.5401	-58.6675	74.4147	126.0406	369.12
Si	63.1392	-81.0401	72.6842	126.0752	372.44
Si	-70.5968	65.6251	81.337	126.1965	381.56
Si	-78.5542	68.6109	70.9536	126.2806	375.9
Si	75.5684	63.6392	-81.337	126.3529	377.04
Si	-78.5542	78.5542	-60.5701	126.5494	372.8
Si	-76.0684	63.1392	-79.6064	127.0953	381.8
Si	-61.1533	-76.0684	79.6064	127.5833	366.38
Si	-75.5684	80.5401	-64.0313	127.6202	372.45
Si	80.5401	-65.6251	-74.4147	127.6356	377.69
Si	81.0401	-63.1392	-76.1453	127.6839	376.55
Si	-78.0543	66.125	-76.1453	127.6839	381.37
Si	-81.0401	-81.0401	-51.9173	127.745	371.6
Si	58.1675	-81.0401	79.6064	127.9097	375.55
Si	-63.6392	-80.5401	-74.4147	128.488	375.16
Si	76.0684	66.125	83.0676	128.9924	377.55

Si	63.6392	80.5401	81.337	129.3303	374.06
Si	80.5401	-75.5684	-67.4924	129.3914	370.32
Si	73.5825	75.5684	-77.8759	129.417	373.48
Si	75.5684	-80.5401	-67.4924	129.5061	374.16
Si	-78.5542	-80.5401	-60.5701	129.6368	372.74
Si	-73.0826	-73.0826	-76.1453	130.0812	370.99
Si	73.0826	-81.0401	72.6842	131.2241	365.97
Si	81.0401	-78.0543	-69.223	132.0884	372.47
Si	-78.0543	81.0401	-69.223	132.0884	373.16
Si	-78.0543	-78.0543	-69.223	132.0884	371.67
Si	-65.6251	-78.5542	81.337	132.3936	365.57
Si	-73.5825	-75.5684	77.8759	132.8135	366.94
Si	-80.5401	-73.5825	74.4147	133.8032	367.62
Si	78.0543	-81.0401	-72.6842	134.0012	371.98
Si	-78.0543	71.0967	83.0676	134.4346	378.25
Si	-76.0684	-81.0401	-72.6842	134.575	374
Si	-71.0967	-81.0401	79.6064	135.7134	366.04
Si	-73.0826	-78.0543	83.0676	137.0748	366.67

Table S18. Coordinates and polarizations calculated for the fourth fused quartz structure

	x / Å	y / Å	z / Å	*d* / Å	I_{on}
e	1.4929	1.4929	0		
Si	3.9787	0.993	5.1917	5.777833	2109.37
Si	-3.9787	3.9787	1.7306	6.254061	1981.81
Si	1.4929	1.4929	-6.9223	6.9223	2005.36
Si	6.4646	6.4646	0	7.031046	1960.87
Si	3.4788	8.4505	-3.4611	8.020695	1948.85
Si	8.4505	-1.4929	3.4611	8.324828	2019.22
Si	0.993	8.9505	-5.1917	9.100492	1946.35
Si	8.9505	5.9646	5.1917	10.12747	1931.47
Si	3.9787	-8.9505	-1.7306	10.87372	1356.85
Si	0.993	-5.9646	8.6529	11.43404	1378.01
Si	-8.9505	3.9787	-5.1917	11.92464	1529.21
Si	1.4929	-8.4505	-6.9223	12.11567	1361.25
Si	-3.9787	-5.9646	8.6529	12.66595	1336.26
Si	-8.4505	-3.4788	-6.9223	13.09608	1319.44
Si	-8.4505	6.4646	6.9223	13.09608	1471.5
Si	6.4646	11.4363	6.9223	13.09608	1834.31
Si	-5.9646	-8.9505	5.1917	13.84314	1287.27
Si	5.9646	-10.9363	-5.1917	14.19284	1343.8
Si	1.4929	-3.4788	13.8446	14.71023	1386.14
Si	8.9505	-8.9505	-8.6529	15.47743	1337.9
Si	6.4646	-3.4788	-13.8446	15.52767	1367.64
Si	-0.993	10.9363	12.114	15.55982	1623.69
Si	-11.4363	-6.4646	-3.4611	15.57131	1295.21
Si	-13.4222	-3.4788	0	15.7219	1299.06
Si	-8.9505	-10.9363	1.7306	16.3262	1263.75
Si	1.4929	16.408	-6.9223	16.44319	1616.68
Si	16.408	1.4929	-6.9223	16.44319	886.71
Si	10.9363	-10.9363	-5.1917	16.4505	1333.61
Si	15.908	3.9787	8.6529	16.99553	1646.34
Si	8.9505	15.908	5.1917	17.04012	1784.26
Si	6.4646	-13.4222	-6.9223	17.17837	1342.04
Si	-5.9646	5.9646	-15.5752	17.83809	1203.61
Si	-13.9222	3.9787	8.6529	17.85148	1313.03
Si	0.993	-15.908	-5.1917	18.16582	1328.82
Si	-15.908	0.993	5.1917	18.16582	1295.68
Si	-3.9787	13.9222	-12.114	18.19821	1381.08
Si	-8.4505	16.408	-6.9223	19.21587	1299.29

Si	-15.908	0.993	-8.6529	19.44004	1285.86
Si	-16.408	8.4505	3.4611	19.51487	1242.99
Si	-10.9363	15.908	5.1917	19.72908	1112.56
Si	13.9222	-13.9222	-1.7306	19.87725	1287.09
Si	18.3939	-1.4929	-10.3835	20.05928	877.57
Si	-5.9646	-8.9505	-15.5752	20.1808	1042.61
Si	-3.9787	-15.908	8.6529	20.18921	1043.1
Si	20.8798	-0.993	-5.1917	20.22334	872.88
Si	-6.4646	8.4505	-17.3058	20.27854	1201.97
Si	16.408	1.4929	-13.8446	20.35026	876
Si	15.908	-10.9363	8.6529	20.90825	980.37
Si	-1.4929	-16.408	10.3835	20.90869	1042.12
Si	-13.4222	-3.4788	-13.8446	20.94877	1205.42
Si	-11.4363	-11.4363	-10.3835	21.02723	1030.74
Si	-3.4788	-3.4788	-20.7669	21.92487	1011.77
Si	10.9363	-10.9363	15.5752	22.0511	884.02
Si	-6.4646	-16.408	10.3835	22.17161	1043.21
Si	-8.4505	21.3797	0	22.23412	1136.87
Si	8.9505	-18.8939	5.1917	22.32014	1015.85
Si	16.408	11.4363	13.8446	22.6496	1187.42
Si	5.9646	13.9222	-19.0363	23.17034	825.07
Si	-15.908	15.908	5.1917	23.18499	1101.48
Si	-8.4505	-18.3939	6.9223	23.28678	1038.82
Si	18.3939	-1.4929	17.3058	24.3731	804.52
Si	3.4788	3.4788	24.2281	24.39029	698.22
Si	-11.4363	-16.408	-10.3835	24.40128	1006.61
Si	-11.4363	-16.408	10.3835	24.40128	1036.23
Si	3.9787	10.9363	-22.4975	24.52538	826.69
Si	3.4788	-16.408	17.3058	24.97749	873.63
Si	8.9505	15.908	19.0363	25.01586	791.06
Si	11.4363	11.4363	-20.7669	25.08	792.7
Si	13.4222	23.3656	-3.4611	25.15358	867.23
Si	-13.9222	-10.9363	15.5752	25.19317	865.67
Si	3.4788	8.4505	-24.2281	25.28538	828.71
Si	-23.3656	-3.4788	0	25.3508	980.86
Si	6.4646	26.3514	0	25.3508	819.23
Si	8.4505	-1.4929	-24.2281	25.38349	806.42
Si	-20.8798	0.993	12.114	25.44671	976.13
Si	-5.9646	10.9363	-22.4975	25.51333	1152.65
Si	-16.408	-16.408	3.4611	25.5512	988.06
Si	-13.4222	-18.3939	-6.9223	25.80433	997.92
Si	16.408	21.3797	6.9223	25.80433	958.57
Si	5.9646	23.8655	-12.114	25.8318	767.07
Si	8.4505	-16.408	17.3058	25.85226	867.96
Si	-8.9505	8.9505	22.4975	25.90009	820.79
Si	25.8515	3.9787	8.6529	25.96903	857.46
Si	16.408	-3.4788	-20.7669	26.04692	763.97
Si	20.8798	18.8939	1.7306	26.1082	917.03
Si	20.8798	-15.908	-5.1917	26.56308	927.8
Si	8.9505	-18.8939	-15.5752	26.71742	802.54
Si	-18.8939	-15.908	1.7306	26.85903	985.27
Si	-5.9646	-23.8655	5.1917	26.93734	992.19
Si	-15.908	-18.8939	5.1917	27.3014	987.76
Si	-13.9222	3.9787	22.4975	27.38502	816.89
Si	28.8373	0.993	-1.7306	27.40362	754.73
Si	-11.4363	23.3656	-10.3835	27.44805	1086.19
Si	-15.908	10.9363	19.0363	27.4655	823.57
Si	-13.9222	13.9222	-19.0363	27.46802	1047.19
Si	3.4788	-11.4363	24.2281	27.53373	763.08
Si	26.3514	11.4363	-6.9223	27.65383	732.34
Si	5.9646	28.8373	1.7306	27.76157	817.8
Si	0.993	28.8373	-5.1917	27.83734	764.13

Si	1.4929	-3.4788	27.6892	28.132	709.54
Si	-5.9646	25.8515	12.114	28.20822	667.03
Si	25.8515	-5.9646	-12.114	28.20822	742.7
Si	8.9505	-13.9222	-22.4975	28.27322	713.07
Si	1.4929	-23.3656	13.8446	28.45379	896.55
Si	-13.4222	21.3797	-13.8446	28.45379	1085.01
Si	1.4929	-23.3656	-13.8446	28.45379	790.63
Si	1.4929	26.3514	13.8446	28.45379	681.3
Si	3.4788	-21.3797	-17.3058	28.75045	787.61
Si	1.4929	-18.3939	-20.7669	28.75324	779.63
Si	-21.3797	-1.4929	17.3058	28.83678	941.86
Si	23.8655	10.9363	-15.5752	28.84961	699.33
Si	28.3373	3.4788	-10.3835	28.85103	733.76
Si	-18.3939	-18.3939	-6.9223	28.96356	974.44
Si	28.8373	10.9363	-1.7306	28.98081	735.51
Si	-23.3656	16.408	0	28.98974	743.62
Si	23.3656	-6.4646	-17.3058	29.00389	735.52
Si	23.3656	-6.4646	17.3058	29.00389	733.64
Si	8.9505	-23.8655	12.114	29.07603	873.64
Si	5.9646	-10.9363	-25.9586	29.12615	708.33
Si	-3.4788	-18.3939	-20.7669	29.1799	776.96
Si	-8.9505	23.8655	15.5752	29.19221	662.96
Si	28.8373	10.9363	5.1917	29.39126	737.47
Si	13.4222	13.4222	24.2281	29.52312	753.5
Si	-23.8655	-10.9363	8.6529	29.53658	830.35
Si	26.3514	16.408	-6.9223	29.80476	733.05
Si	-3.4788	-8.4505	27.6892	29.83757	714.62
Si	5.9646	3.9787	29.4198	29.86134	685.84
Si	20.8798	13.9222	-19.0363	29.87839	701.29
Si	-23.3656	11.4363	13.8446	30.14115	772.53
Si	5.9646	28.8373	-12.114	30.24004	754.87
Si	31.3231	-3.4788	0	30.24167	753.52
Si	-1.4929	-16.408	-24.2281	30.27137	774.86
Si	13.4222	23.3656	17.3058	30.335	743.47
Si	-26.3514	8.4505	-10.3835	30.52097	668.77
Si	15.908	-5.9646	-25.9586	30.61473	747.62
Si	-28.3373	1.4929	6.9223	30.62285	762.74
Si	-0.993	30.8231	-8.6529	30.68086	760.22
Si	20.8798	-20.8798	8.6529	30.84246	722.92
Si	-26.3514	-11.4363	-3.4611	30.89416	860.47
Si	18.8939	-18.8939	-15.5752	30.99998	685.72
Si	-16.408	-6.4646	24.2281	31.15706	764.51
Si	-8.9505	-20.8798	-19.0363	31.17661	786.83
Si	3.4788	3.4788	-31.1504	31.2767	756.6
Si	-15.908	-3.9787	25.9586	31.72668	763.45
Si	-3.9787	-15.908	-25.9586	31.72668	776.87
Si	6.4646	-13.4222	-27.6892	31.84132	707.51
Si	-3.4788	-13.4222	-27.6892	31.84132	774.63
Si	18.3939	13.4222	-24.2281	31.85829	700.78
Si	-3.9787	-25.8515	15.5752	31.94117	883.87
Si	-1.4929	8.4505	-31.1504	32.05725	762.19
Si	33.309	3.4788	3.4611	32.06536	749.65
Si	-23.3656	16.408	13.8446	32.12597	769.02
Si	-23.3656	16.408	-13.8446	32.12597	674.06
Si	16.408	26.3514	13.8446	32.12597	744.72
Si	31.3231	-8.4505	6.9223	32.19674	711.14
Si	-23.8655	-10.9363	15.5752	32.25094	801.85
Si	-1.4929	-6.4646	-31.1504	32.28903	749.85
Si	-18.3939	-13.4222	20.7669	32.3915	763.17
Si	21.3797	-13.4222	20.7669	32.3915	685.6
Si	28.3373	-16.408	-3.4611	32.45063	736.97
Si	3.9787	20.8798	25.9586	32.4943	620.53

Si	-25.8515	-13.9222	-8.6529	32.56086	856.46
Si	-23.8655	-5.9646	-19.0363	32.57373	656.53
Si	-23.3656	21.3797	6.9223	32.57834	723.46
Si	-11.4363	-16.408	24.2281	32.78117	746.86
Si	-11.4363	-16.408	-24.2281	32.78117	766.63
Si	-28.8373	13.9222	1.7306	32.82376	712.92
Si	18.8939	-18.8939	19.0363	32.87544	685.88
Si	0.993	3.9787	-32.8809	32.97854	754.57
Si	11.4363	16.408	-27.6892	32.9852	702.92
Si	-30.8231	5.9646	5.1917	33.03449	750.44
Si	-18.8939	-0.993	-25.9586	33.10059	635.75
Si	-1.4929	-31.3231	3.4611	33.13283	677.9
Si	-0.993	25.8515	-22.4975	33.25138	662.88
Si	31.3231	-3.4788	-13.8446	33.26006	728.76
Si	8.4505	23.3656	24.2281	33.37397	625.71
Si	23.8655	-8.9505	-22.4975	33.40262	718.01
Si	20.8798	-25.8515	1.7306	33.56424	727.46
Si	-30.8231	5.9646	-8.6529	33.75198	668.44
Si	8.9505	-18.8939	25.9586	33.8391	684.25
Si	26.3514	11.4363	20.7669	33.88334	617.31
Si	8.9505	25.8515	-22.4975	33.98662	685.71
Si	25.8515	8.9505	22.4975	33.98662	616.02
Si	-8.9505	33.809	1.7306	34.00567	634.48
Si	31.3231	-13.4222	6.9223	34.06199	710.18
Si	33.809	10.9363	5.1917	34.06552	731.45
Si	28.8373	-18.8939	-1.7306	34.15154	734.14
Si	25.8515	-20.8798	8.6529	34.18694	721.08
Si	-23.8655	-20.8798	-5.1917	34.21316	899.2
Si	11.4363	-28.3373	13.8446	34.35673	864.71
Si	-11.4363	8.4505	31.1504	34.43714	775.19
Si	-30.8231	0.993	12.114	34.5156	762.4
Si	-25.8515	10.9363	19.0363	34.63054	772.74
Si	21.3797	26.3514	-13.8446	34.71459	612.7
Si	5.9646	33.809	-12.114	34.80048	742.7
Si	1.4929	-33.309	0	34.8019	671
Si	1.4929	36.2948	0	34.8019	708.95
Si	-23.8655	-20.8798	8.6529	34.90643	724.51
Si	28.8373	-8.9505	19.0363	34.91646	710.94
Si	-18.3939	-18.3939	20.7669	34.96046	757.43
Si	-3.4788	1.4929	-34.6115	34.96675	745.78
Si	6.4646	-33.309	0	35.15523	665.57
Si	-30.8231	15.908	-1.7306	35.42765	715.15
Si	-33.809	-0.993	1.7306	35.43155	713.8
Si	28.3373	-21.3797	3.4611	35.43667	730.43
Si	18.8939	10.9363	-29.4198	35.46118	688.87
Si	-13.9222	-10.9363	29.4198	35.46313	733.32
Si	1.4929	-33.309	-6.9223	35.48367	655.36
Si	3.4788	18.3939	31.1504	35.49552	608.65
Si	11.4363	-18.3939	27.6892	35.51124	681.29
Si	23.8655	10.9363	25.9586	35.54665	616.74
Si	18.3939	-1.4929	-31.1504	35.56548	702.32
Si	-13.4222	26.3514	20.7669	35.66047	621.77
Si	30.8231	8.9505	-19.0363	35.75277	671.49
Si	15.908	33.809	-5.1917	35.76419	686.57
Si	1.4929	11.4363	34.6115	36.01149	610.11
Si	20.8798	-5.9646	29.4198	36.01373	604
Si	-8.9505	33.809	-12.114	36.05746	682.19
Si	23.3656	28.3373	10.3835	36.15042	681.15
Si	-13.9222	33.809	-5.1917	36.17879	661.14
Si	-15.908	30.8231	12.114	36.19125	624.89
Si	18.3939	33.309	3.4611	36.19237	666.24
Si	33.309	3.4788	-17.3058	36.27254	674.36

Si	15.908	-25.8515	-19.0363	36.30278	665.2
Si	28.8373	15.908	19.0363	36.30278	616.95
Si	3.9787	-23.8655	25.9586	36.37417	638.37
Si	-23.8655	-0.993	-25.9586	36.37417	637.81
Si	35.7948	13.9222	1.7306	36.5254	725.72
Si	8.9505	-18.8939	-29.4198	36.5617	667.04
Si	-16.408	8.4505	-31.1504	36.59501	586.17
Si	28.3373	-16.408	17.3058	36.61356	700.39
Si	-25.8515	25.8515	-1.7306	36.66125	651.45
Si	5.9646	-0.993	36.3421	36.70045	597.92
Si	36.2948	11.4363	6.9223	36.85053	731.86
Si	-8.4505	36.2948	6.9223	36.85053	622.66
Si	33.309	8.4505	-17.3058	36.88037	672.26
Si	-26.3514	18.3939	-17.3058	36.88411	668.14
Si	-25.8515	-8.9505	-22.4975	36.91765	652.69
Si	-20.8798	30.8231	-1.7306	36.92958	629.58
Si	30.8231	-20.8798	1.7306	36.92958	729.96
Si	-26.3514	3.4788	24.2281	36.96278	744.56
Si	15.908	-20.8798	-25.9586	37.17771	661.69
Si	-13.4222	21.3797	-27.6892	37.21071	597.95
Si	-15.908	-18.8939	25.9586	37.31304	745.95
Si	-35.7948	0.993	-1.7306	37.33124	711.49
Si	20.8798	-10.9363	29.4198	37.36121	606.94
Si	-0.993	-33.809	12.114	37.40521	674.29
Si	-10.9363	-33.809	-1.7306	37.46601	593.49
Si	-25.8515	-18.8939	-15.5752	37.49559	734.84
Si	33.809	0.993	19.0363	37.50945	576.84
Si	6.4646	26.3514	27.6892	37.54137	618.64
Si	25.8515	-25.8515	8.6529	37.62877	717.29
Si	1.4929	-13.4222	34.6115	37.68841	618.4
Si	30.8231	8.9505	22.4975	37.70961	615.75
Si	-28.8373	23.8655	1.7306	37.72861	654.31
Si	-23.3656	26.3514	13.8446	37.78311	649.27
Si	-3.4788	36.2948	-13.8446	37.78311	677.37
Si	26.3514	-23.3656	13.8446	37.78311	719.2
Si	-33.809	-10.9363	-5.1917	37.7844	799.59
Si	13.4222	-16.408	-31.1504	37.85624	661.61
Si	33.309	-16.408	-10.3835	37.95422	647.98
Si	26.3514	-18.3939	-20.7669	38.00913	630.47
Si	23.3656	-1.4929	31.1504	38.1795	601.53
Si	-11.4363	-16.408	-31.1504	38.18312	739.14
Si	28.8373	15.908	-22.4975	38.23148	659.63
Si	-31.3231	18.3939	10.3835	38.34514	678.41
Si	-23.8655	-10.9363	-25.9586	38.35867	650.87
Si	-20.8798	-8.9505	-29.4198	38.40732	645.54
Si	35.7948	18.8939	1.7306	38.5021	717.45
Si	-36.2948	8.4505	3.4611	38.57847	733.8
Si	-13.9222	-25.8515	22.4975	38.6196	681.08
Si	-30.8231	20.8798	-8.6529	38.66587	659.23
Si	23.3656	28.3373	-17.3058	38.7108	611.57
Si	-6.4646	23.3656	-31.1504	38.88549	600.36
Si	11.4363	16.408	34.6115	38.97804	591.25
Si	38.7807	-8.9505	5.1917	39.06909	678.19
Si	-26.3514	-11.4363	24.2281	39.10841	671.23
Si	-25.8515	-23.8655	12.114	39.21115	712.85
Si	28.8373	-23.8655	12.114	39.21115	717.24
Si	-21.3797	8.4505	-31.1504	39.26714	581.23
Si	28.3373	-21.3797	-17.3058	39.28443	628.39
Si	-28.3373	-13.4222	-20.7669	39.28823	656.77
Si	-15.908	20.8798	-29.4198	39.29588	595.78
Si	-36.2948	-1.4929	-10.3835	39.30193	656.4
Si	-23.3656	31.3231	-6.9223	39.44242	624.83

Si	-26.3514	-26.3514	-3.4611	39.52961	833.08
Si	-28.8373	23.8655	-12.114	39.58792	654.55
Si	-30.8231	5.9646	-22.4975	39.62903	557.56
Si	-15.908	-33.809	5.1917	39.69846	597.38
Si	-28.8373	18.8939	-19.0363	39.81323	666.11
Si	23.3656	-21.3797	24.2281	39.85686	641.93
Si	0.993	3.9787	-39.8032	39.8839	714.35
Si	23.3656	13.4222	-31.1504	39.88819	680.69
Si	1.4929	21.3797	-34.6115	39.91793	595.14
Si	33.309	18.3939	-17.3058	39.96745	641.59
Si	33.309	23.3656	-10.3835	39.98119	634.14
Si	0.993	28.8373	29.4198	40.16823	597.96
Si	23.3656	-11.4363	-31.1504	40.19855	650.32
Si	6.4646	-18.3939	-34.6115	40.22634	648.79
Si	3.4788	-11.4363	38.0727	40.25711	618.33
Si	-33.809	18.8939	8.6529	40.29747	680.99
Si	18.8939	35.7948	12.114	40.32576	633.32
Si	-35.7948	10.9363	12.114	40.32747	693.27
Si	0.993	-5.9646	-39.8032	40.49891	677.63
Si	16.408	16.408	34.6115	40.53241	591.77
Si	28.8373	-3.9787	-29.4198	40.53611	652.13
Si	5.9646	18.8939	36.3421	40.54055	595.29
Si	5.9646	38.7807	15.5752	40.6566	544.72
Si	3.4788	38.2807	-17.3058	40.7035	627.08
Si	-26.3514	-26.3514	10.3835	40.72378	708.29
Si	8.9505	-3.9787	39.8032	40.8638	594.42
Si	-38.7807	-5.9646	1.7306	40.99474	689.59
Si	6.4646	-28.3373	27.6892	41.00305	631.61
Si	31.3231	-3.4788	27.6892	41.00305	577.77
Si	-8.9505	-20.8798	-32.8809	41.11878	739.88
Si	-18.3939	-8.4505	34.6115	41.13772	690.54
Si	11.4363	21.3797	-34.6115	41.13772	610.52
Si	31.3231	26.3514	-13.8446	41.22449	634.34
Si	31.3231	-23.3656	-13.8446	41.22449	623.55
Si	-25.8515	25.8515	19.0363	41.27268	643.57
Si	25.8515	-25.8515	-19.0363	41.27268	627.75
Si	23.8655	35.7948	5.1917	41.28091	655.81
Si	13.9222	-13.9222	-36.3421	41.38667	655.1
Si	18.8939	35.7948	-15.5752	41.49702	600.01
Si	-35.7948	10.9363	-15.5752	41.49869	561.58
Si	28.8373	-8.9505	-29.4198	41.50061	649.94
Si	-8.9505	28.8373	29.4198	41.50061	548.51
Si	30.8231	-0.993	29.4198	41.6169	580.34
Si	-15.908	-8.9505	-36.3421	41.62455	616.2
Si	-5.9646	40.7666	12.114	41.77062	579.19
Si	33.309	28.3373	3.4611	41.77159	635.64
Si	-1.4929	-26.3514	31.1504	41.88752	577.58
Si	-11.4363	13.4222	-38.0727	41.94042	581.23
Si	25.8515	-15.908	29.4198	41.97208	608.87
Si	-11.4363	33.309	24.2281	42.02888	562.54
Si	-16.408	23.3656	-31.1504	42.06188	594.1
Si	5.9646	-35.7948	-19.0363	42.10409	566.24
Si	41.2665	1.4929	-13.8446	42.11428	587.47
Si	41.2665	1.4929	13.8446	42.11428	570.87
Si	3.4788	-16.408	-38.0727	42.11784	639.43
Si	-3.4788	-3.4788	-41.5338	42.12472	675.79
Si	6.4646	6.4646	41.5338	42.12472	564.65
Si	-35.7948	-13.9222	12.114	42.12778	669.01
Si	-11.4363	-11.4363	38.0727	42.23571	661.24
Si	15.908	23.8655	-32.8809	42.30233	611.21
Si	-38.2807	-3.4788	13.8446	42.40672	674.25
Si	-13.4222	-38.2807	0	42.47822	590.45

Si	5.9646	43.7524	1.7306	42.53061	602
Si	-23.3656	1.4929	34.6115	42.61339	595.87
Si	-16.408	8.4505	-38.0727	42.64243	577.95
Si	23.8655	-13.9222	32.8809	42.65342	606.32
Si	-18.8939	33.809	-19.0363	42.68874	605.13
Si	-5.9646	-38.7807	12.114	42.7121	629.63
Si	36.2948	26.3514	0	42.76818	639.14
Si	36.2948	-23.3656	0	42.76818	713.04
Si	-23.8655	33.809	-12.114	42.82672	614.7
Si	-30.8231	-23.8655	12.114	42.82672	707.55
Si	30.8231	-15.908	-25.9586	42.85915	634.87
Si	-18.8939	-25.8515	-25.9586	42.86237	637.6
Si	20.8798	-35.7948	8.6529	42.90802	605.03
Si	10.9363	-35.7948	-19.0363	42.91779	565.6
Si	-3.9787	-40.7666	-5.1917	42.92731	603.72
Si	-26.3514	-26.3514	17.3058	43.01278	695.1
Si	-13.4222	-38.2807	6.9223	43.03856	594.02
Si	-31.3231	23.3656	17.3058	43.06732	634.99
Si	-13.4222	-33.309	20.7669	43.18445	648.07
Si	23.8655	30.8231	-22.4975	43.20805	609.47
Si	-23.8655	-10.9363	-32.8809	43.34388	641.01
Si	-28.3373	16.408	-27.6892	43.34735	618.97
Si	-28.3373	-13.4222	27.6892	43.34735	667.84
Si	-13.4222	31.3231	-27.6892	43.34735	585.12
Si	25.8515	33.809	15.5752	43.36187	620.91
Si	8.4505	-41.2665	3.4611	43.4598	583.99
Si	43.7524	-8.9505	-1.7306	43.56512	596.16
Si	-11.4363	18.3939	38.0727	43.61576	577.77
Si	-20.8798	10.9363	-36.3421	43.70882	578.39
Si	30.8231	-30.8231	-5.1917	43.94934	620.07
Si	-10.9363	40.7666	-15.5752	44.03966	612.87
Si	3.4788	-41.2665	10.3835	44.04686	593.72
Si	38.2807	3.4788	24.2281	44.09404	548.13
Si	3.4788	38.2807	-24.2281	44.09404	605.99
Si	13.9222	15.908	39.8032	44.12005	587.83
Si	-1.4929	38.2807	-24.2281	44.15038	606.31
Si	10.9363	43.7524	8.6529	44.15781	554.1
Si	-38.7807	18.8939	-5.1917	44.17812	627.25
Si	5.9646	-40.7666	-12.114	44.18832	566.77
Si	-18.8939	-30.8231	22.4975	44.34053	649.88
Si	-0.993	45.7383	-1.7306	44.3489	597.8
Si	38.2807	-16.408	17.3058	44.42154	641.99
Si	1.4929	36.2948	27.6892	44.47318	558.9
Si	30.8231	33.809	8.6529	44.49115	634.81
Si	10.9363	-35.7948	22.4975	44.5611	596.81
Si	-35.7948	25.8515	-1.7306	44.57253	625.09
Si	-20.8798	-33.809	-15.5752	44.60204	569.34
Si	23.3656	-6.4646	-38.0727	44.62358	595.69
Si	16.408	-38.2807	13.8446	44.67743	604.81
Si	15.908	-40.7666	1.7306	44.68392	578.89
Si	-33.809	28.8373	1.7306	44.68701	623.47
Si	23.8655	-18.8939	32.8809	44.69127	606.79
Si	35.7948	28.8373	8.6529	44.71252	631.51
Si	-33.309	6.4646	-27.6892	44.75022	554.57
Si	-33.309	-3.4788	27.6892	44.75022	559.57
Si	-18.8939	3.9787	-39.8032	44.78946	573.89
Si	28.3373	-16.408	31.1504	44.84873	606.75
Si	8.9505	20.8798	39.8032	44.89723	589.49
Si	20.8798	-5.9646	-39.8032	44.89723	594.14
Si	33.809	-8.9505	-29.4198	44.93233	646.75
Si	15.908	-40.7666	-5.1917	44.95121	577
Si	-23.3656	36.2948	-13.8446	44.9532	615.29

Si	-33.309	-23.3656	13.8446	44.9532	706.42
Si	18.3939	18.3939	-38.0727	44.95347	615.3
Si	-25.8515	-33.809	5.1917	44.95429	619.35
Si	8.4505	-21.3797	38.0727	44.95654	568.91
Si	-23.8655	-15.908	-32.8809	45.02221	639.67
Si	-38.2807	6.4646	-20.7669	45.14334	552.82
Si	36.2948	21.3797	-20.7669	45.14334	640.66
Si	6.4646	41.2665	20.7669	45.14334	542.46
Si	21.3797	36.2948	20.7669	45.14334	592.56
Si	16.408	26.3514	-34.6115	45.14821	612.95
Si	-6.4646	33.309	31.1504	45.23196	546.48
Si	38.7807	-18.8939	-15.5752	45.26126	591.88
Si	21.3797	-28.3373	27.6892	45.2992	601.49
Si	-28.3373	21.3797	-27.6892	45.2992	617.95
Si	-28.3373	21.3797	27.6892	45.2992	603.75
Si	18.3939	-16.408	38.0727	45.33887	585.76
Si	-1.4929	-31.3231	31.1504	45.34478	572.98
Si	-3.9787	-10.9363	43.2644	45.34568	581.53
Si	-3.9787	43.7524	15.5752	45.36944	573.45
Si	25.8515	-35.7948	8.6529	45.37166	607.71
Si	-15.908	-38.7807	12.114	45.51375	596.75
Si	-43.2524	-3.4788	6.9223	45.54973	655.89
Si	-43.7524	-0.993	-5.1917	45.60993	613.53
Si	8.4505	-31.3231	-31.1504	45.77819	566.29
Si	-13.9222	-40.7666	8.6529	45.80783	594.68
Si	-28.3373	36.2948	0	45.83681	578.91
Si	41.2665	11.4363	20.7669	45.95731	530.58
Si	41.2665	11.4363	-20.7669	45.95731	582.78
Si	31.3231	6.4646	34.6115	45.9621	546.52
Si	13.9222	10.9363	-43.2644	45.99425	571.81
Si	-40.7666	10.9363	-15.5752	46.01767	555.92
Si	15.908	-30.8231	29.4198	46.0179	598.06
Si	15.908	33.809	29.4198	46.0179	520.4
Si	-0.993	-33.809	-29.4198	46.0209	566.76
Si	13.9222	-23.8655	-36.3421	46.02482	587.54
Si	-23.8655	13.9222	36.3421	46.02482	526.66
Si	8.9505	-43.7524	5.1917	46.14869	580.21
Si	-30.8231	-18.8939	25.9586	46.19304	651.94
Si	8.9505	15.908	-43.2644	46.20841	572.1
Si	-26.3514	-26.3514	24.2281	46.23428	621.84
Si	21.3797	-3.4788	-41.5338	46.31694	593.49
Si	33.809	5.9646	32.8809	46.31931	546.94
Si	-33.309	31.3231	-6.9223	46.35657	610.04
Si	35.7948	18.8939	-25.9586	46.40331	637.19
Si	10.9363	-35.7948	-25.9586	46.4048	562.68
Si	38.7807	10.9363	25.9586	46.4048	533.53
Si	-30.8231	-3.9787	32.8809	46.42651	557.57
Si	-3.9787	-30.8231	-32.8809	46.42651	569.37
Si	13.9222	-28.8373	32.8809	46.428	600.92
Si	-31.3231	-31.3231	-3.4611	46.53772	725.31
Si	5.9646	43.7524	-19.0363	46.56436	588.74
Si	-38.2807	-18.3939	-13.8446	46.57357	591.59
Si	28.3373	23.3656	31.1504	46.57662	522.24
Si	-13.4222	-13.4222	-41.5338	46.58301	593.75
Si	28.3373	3.4788	38.0727	46.62716	542.49
Si	-1.4929	13.4222	-44.995	46.64514	578.14
Si	-21.3797	38.2807	17.3058	46.64748	538.92
Si	-8.9505	28.8373	36.3421	46.66395	535.13
Si	0.993	-0.993	-46.7255	46.79427	638.13
Si	1.4929	46.2382	-13.8446	46.83818	556.82
Si	18.8939	5.9646	-43.2644	46.84651	573.52
Si	13.9222	35.7948	-29.4198	46.86826	584.17

Si	48.2241	3.4788	3.4611	46.90126	534.71
Si	-10.9363	40.7666	-22.4975	46.93657	592.37
Si	48.2241	-1.4929	3.4611	46.95423	536.42
Si	25.8515	18.8939	36.3421	47.08374	535.02
Si	-15.908	25.8515	-36.3421	47.08374	590.27
Si	6.4646	-43.2524	-13.8446	47.1013	566.57
Si	8.4505	28.3373	-38.0727	47.10156	569.69
Si	21.3797	11.4363	41.5338	47.11064	559.99
Si	-15.908	-33.809	25.9586	47.14726	644.02
Si	16.408	46.2382	0	47.16569	536.78
Si	30.8231	-20.8798	29.4198	47.18392	609.86
Si	-26.3514	3.4788	-38.0727	47.20991	556.72
Si	43.7524	10.9363	19.0363	47.30139	528.87
Si	8.9505	0.993	46.7255	47.31954	540
Si	3.9787	-28.8373	-36.3421	47.40089	572.51
Si	26.3514	41.2665	-6.9223	47.411	540.22
Si	35.7948	33.809	-5.1917	47.41208	569.51
Si	-16.408	23.3656	-38.0727	47.41713	589.4
Si	-40.7666	-8.9505	19.0363	47.51112	649.61
Si	5.9646	8.9505	-46.7255	47.52774	581.08
Si	-33.309	-23.3656	-20.7669	47.54347	603.48
Si	13.9222	-33.809	-29.4198	47.60494	561.94
Si	-43.7524	-10.9363	8.6529	47.71259	643.85
Si	43.2524	-21.3797	3.4611	47.73878	658.76
Si	-3.9787	-35.7948	29.4198	47.81045	568.4
Si	35.7948	-25.8515	-19.0363	47.81965	589.53
Si	-33.309	-28.3373	13.8446	47.882	706.29
Si	-43.2524	-8.4505	-13.8446	47.882	584.99
Si	36.2948	31.3231	13.8446	47.882	630.92
Si	11.4363	-43.2524	-13.8446	47.882	565.32
Si	3.4788	-46.2382	3.4611	47.89761	577.41
Si	35.7948	-30.8231	8.6529	47.91475	646.06
Si	-8.9505	3.9787	-46.7255	47.94285	578.05
Si	-13.9222	38.7807	-25.9586	47.9776	589.8
Si	-16.408	33.309	-31.1504	47.99011	583.39
Si	48.724	0.993	-8.6529	48.01983	536.24
Si	-18.8939	38.7807	22.4975	48.08463	538.79
Si	28.3373	13.4222	-38.0727	48.08801	629.89
Si	18.3939	-1.4929	44.995	48.15708	546.9
Si	25.8515	13.9222	-39.8032	48.29204	630.26
Si	3.4788	43.2524	24.2281	48.31975	543.7
Si	-36.2948	-16.408	-24.2281	48.32547	597.88
Si	48.2241	13.4222	-3.4611	48.35383	545.43
Si	26.3514	1.4929	-41.5338	48.40456	591.01
Si	10.9363	-35.7948	29.4198	48.42601	591.32
Si	-8.9505	8.9505	-46.7255	48.45568	576.8
Si	8.9505	-8.9505	46.7255	48.45568	562.25
Si	-18.8939	43.7524	-12.114	48.45854	604.59
Si	3.4788	-16.408	-44.995	48.46578	590.52
Si	18.8939	-43.7524	-1.7306	48.50691	576.01
Si	-43.7524	-15.908	1.7306	48.50691	629.04
Si	-15.908	-43.7524	-1.7306	48.50691	578.7
Si	28.8373	-3.9787	39.8032	48.59988	532.95
Si	-16.408	43.2524	-17.3058	48.61879	603.9
Si	40.7666	28.8373	8.6529	48.63132	630.94
Si	28.8373	40.7666	-8.6529	48.63132	540.28
Si	-3.4788	26.3514	-41.5338	48.65922	569.75
Si	26.3514	-3.4788	-41.5338	48.65922	593.06
Si	28.8373	-38.7807	-1.7306	48.71003	588.12
Si	6.4646	1.4929	-48.4561	48.71049	613.3
Si	28.3373	38.2807	-17.3058	48.7181	538.03
Si	0.993	48.724	-12.114	48.7625	557.23

Si	43.2524	8.4505	24.2281	48.77768	530.05
Si	-40.7666	10.9363	-22.4975	48.7973	551.68
Si	43.7524	25.8515	-1.7306	48.80773	617.64
Si	-40.7666	-13.9222	19.0363	48.84534	650.01
Si	-23.3656	41.2665	13.8446	48.90355	538.03
Si	41.2665	-23.3656	-13.8446	48.90355	585.61
Si	-23.3656	-38.2807	13.8446	48.90355	586.29
Si	-38.2807	26.3514	13.8446	48.90355	592.04
Si	-26.3514	-11.4363	38.0727	48.90804	573.26
Si	5.9646	-20.8798	43.2644	48.91153	565.39
Si	-3.9787	-30.8231	36.3421	48.93887	564.59
Si	28.8373	-38.7807	5.1917	48.95535	600.88
Si	-3.4788	-3.4788	48.4561	48.96355	528.45
Si	43.7524	-8.9505	-22.4975	49.00062	550.05
Si	20.8798	-10.9363	43.2644	49.01165	551.8
Si	-36.2948	-1.4929	31.1504	49.06291	556.38
Si	-16.408	-6.4646	-44.995	49.07453	576.14
Si	-38.2807	21.3797	20.7669	49.07839	580.32
Si	-20.8798	25.8515	-36.3421	49.1388	589.3
Si	16.408	-43.2524	-13.8446	49.15562	562.17
Si	-46.2382	8.4505	10.3835	49.34047	556.71
Si	-25.8515	40.7666	12.114	49.36479	538.33
Si	-8.9505	13.9222	-46.7255	49.46538	575.71
Si	1.4929	11.4363	48.4561	49.4658	530.21
Si	-3.4788	-43.2524	20.7669	49.57947	560.75
Si	3.9787	25.8515	-43.2644	49.71241	563.54
Si	-13.9222	48.724	1.7306	49.71318	503.03
Si	-38.2807	-28.3373	0	49.717	670.89
Si	0.993	48.724	15.5752	49.73547	544.71
Si	38.7807	-18.8939	25.9586	49.79805	603.08
Si	23.8655	-8.9505	-43.2644	49.8137	592.13
Si	21.3797	-28.3373	-34.6115	49.83254	569.41
Si	-8.9505	-45.7383	-12.114	49.86577	535.02
Si	-11.4363	38.2807	31.1504	49.90842	530.48
Si	-35.7948	30.8231	-15.5752	49.93221	575.58
Si	-45.7383	5.9646	-15.5752	49.9336	545.44
Si	51.2099	6.4646	0	49.96497	534.51
Si	-25.8515	-33.809	-22.4975	50.0007	553.92
Si	48.724	-3.9787	-15.5752	50.03305	536.02
Si	50.7099	-5.9646	-5.1917	50.04885	549.62
Si	5.9646	18.8939	-46.7255	50.0606	565.94
Si	15.908	-45.7383	8.6529	50.13432	574.68
Si	-28.3373	41.2665	6.9223	50.1966	538.82
Si	8.9505	25.8515	-43.2644	50.20717	563.44
Si	23.3656	43.2524	17.3058	50.21713	541.32
Si	-40.7666	20.8798	19.0363	50.24035	580.05
Si	25.8515	-40.7666	-12.114	50.25883	567.61
Si	-23.8655	18.8939	-39.8032	50.3005	569.95
Si	3.4788	-31.3231	38.0727	50.30269	565.91
Si	-26.3514	43.2524	-3.4611	50.31044	570.33
Si	8.4505	48.2241	17.3058	50.31602	537.27
Si	11.4363	46.2382	-20.7669	50.32174	564.96
Si	46.2382	11.4363	-20.7669	50.32174	580.96
Si	40.7666	-25.8515	15.5752	50.32613	598.3
Si	-31.3231	-1.4929	38.0727	50.35208	551.28
Si	-1.4929	-31.3231	-38.0727	50.35208	570.67
Si	5.9646	-0.993	50.1867	50.44678	538.3
Si	-16.408	-26.3514	38.0727	50.45071	547.24
Si	11.4363	-8.4505	-48.4561	50.45529	590.25
Si	-28.3373	-28.3373	27.6892	50.4616	613.65
Si	3.4788	-21.3797	-44.995	50.51381	591.47
Si	-5.9646	50.7099	-8.6529	50.52529	556.41

Si	35.7948	-5.9646	36.3421	50.52708	535.82
Si	-48.724	-0.993	-5.1917	50.54578	608.04
Si	-1.4929	-21.3797	-44.995	50.56299	587.75
Si	-23.3656	-13.4222	-41.5338	50.65039	591.07
Si	16.408	-23.3656	-41.5338	50.65039	576.77
Si	-38.2807	-13.4222	27.6892	50.70593	624.12
Si	-31.3231	8.4505	38.0727	50.74273	520.19
Si	50.7099	-0.993	-12.114	50.74689	536.64
Si	50.7099	3.9787	-12.114	50.74689	534.3
Si	18.3939	48.2241	10.3835	50.76677	531.45
Si	-1.4929	-46.2382	17.3058	50.85924	560.42
Si	21.3797	46.2382	13.8446	50.88516	534.58
Si	-8.9505	-15.908	-46.7255	50.94243	580.09
Si	6.4646	-13.4222	-48.4561	50.94283	587.86
Si	-10.9363	30.8231	39.8032	50.98084	534.96
Si	45.7383	-20.8798	-12.114	51.03858	584.08
Si	-6.4646	-21.3797	-44.995	51.09817	583.09
Si	28.8373	-38.7807	-15.5752	51.11026	567.77
Si	-33.309	36.2948	13.8446	51.12746	532.15
Si	-26.3514	-41.2665	3.4611	51.14343	580.34
Si	11.4363	51.2099	-6.9223	51.17196	543.99
Si	11.4363	-48.2241	-6.9223	51.17196	556.06
Si	-10.9363	25.8515	-43.2644	51.18233	573.96
Si	-3.9787	-45.7383	-19.0363	51.21623	525.43
Si	-23.3656	41.2665	-20.7669	51.29472	584.62
Si	41.2665	-23.3656	-20.7669	51.29472	580.83
Si	-45.7383	20.8798	5.1917	51.31847	544.81
Si	-25.8515	5.9646	-43.2644	51.37622	554.22
Si	5.9646	28.8373	43.2644	51.37622	520.69
Si	-33.809	38.7807	1.7306	51.37696	567.7
Si	31.3231	6.4646	41.5338	51.37719	538.7
Si	-5.9646	-18.8939	46.7255	51.52193	546.29
Si	28.8373	-33.809	25.9586	51.6506	552.85
Si	-40.7666	20.8798	-22.4975	51.65121	528.64
Si	23.3656	-11.4363	44.995	51.67325	555.82
Si	-40.7666	5.9646	-29.4198	51.68541	539.84
Si	33.309	-31.3231	-24.2281	51.73154	560.4
Si	-3.9787	43.7524	29.4198	51.7815	519.75
Si	-48.2241	6.4646	-13.8446	51.84757	546.72
Si	13.4222	-21.3797	-44.995	51.8653	578.76
Si	-20.8798	-43.7524	12.114	51.90778	582.36
Si	43.7524	-18.8939	-22.4975	52.03477	578.01
Si	-43.7524	13.9222	22.4975	52.03609	541.9
Si	-40.7666	-28.8373	-1.7306	52.04588	668.6
Si	-0.993	-38.7807	32.8809	52.05087	565.2
Si	-15.908	-43.7524	19.0363	52.07982	589.23
Si	-28.3373	-8.4505	41.5338	52.09384	569.97
Si	-33.809	13.9222	36.3421	52.16755	513.22
Si	-1.4929	43.2524	-31.1504	52.18348	565.68
Si	18.8939	50.7099	-1.7306	52.23127	535.63
Si	-40.7666	-28.8373	5.1917	52.27555	667.38
Si	0.993	-45.7383	22.4975	52.31795	560.24
Si	30.8231	-0.993	43.2644	52.32828	531.13
Si	10.9363	43.7524	29.4198	52.35039	510.85
Si	20.8798	33.809	36.3421	52.35383	498.24
Si	33.809	-38.7807	-8.6529	52.35607	577.71
Si	1.4929	-18.3939	-48.4561	52.37823	588.69
Si	1.4929	-18.3939	48.4561	52.37823	549.74
Si	-18.3939	41.2665	-27.6892	52.38431	585.24
Si	3.4788	8.4505	-51.9173	52.41901	574.48
Si	-48.724	13.9222	8.6529	52.45093	551.69
Si	-15.908	50.7099	5.1917	52.46013	503.6

Si	50.7099	-15.908	-5.1917	52.46013	583.49
Si	-45.7383	20.8798	12.114	52.47267	540.35
Si	43.2524	8.4505	31.1504	52.56052	521.67
Si	28.3373	43.2524	17.3058	52.57344	540.37
Si	6.4646	21.3797	48.4561	52.61365	527.28
Si	-30.8231	-23.8655	32.8809	52.61685	587.13
Si	-23.8655	33.809	-32.8809	52.61685	581.97
Si	-43.2524	1.4929	-27.6892	52.61971	538.47
Si	30.8231	-30.8231	29.4198	52.63187	555.38
Si	-28.8373	-40.7666	8.6529	52.73188	577.52
Si	33.809	-18.8939	-36.3421	52.73228	520.39
Si	-16.408	33.309	-38.0727	52.74688	578.28
Si	53.1958	3.4788	-10.3835	52.77262	535.12
Si	3.4788	53.1958	-10.3835	52.77262	547.3
Si	3.4788	53.1958	10.3835	52.77262	531.76
Si	18.3939	23.3656	44.995	52.80724	505.28
Si	16.408	-13.4222	48.4561	52.84803	552.53
Si	-38.2807	-33.309	0	52.8499	669.39
Si	46.2382	6.4646	-27.6892	52.85406	564.86
Si	-43.7524	28.8373	1.7306	52.89462	544.49
Si	3.9787	-28.8373	-43.2644	52.89521	575.32
Si	6.4646	-38.2807	34.6115	52.9586	572.43
Si	-18.3939	-33.309	34.6115	52.9586	552.2
Si	-1.4929	-41.2665	31.1504	52.98703	565.47
Si	23.3656	43.2524	-24.2281	53.00254	541.6
Si	-23.3656	-43.2524	13.8446	53.02603	582.46
Si	-43.2524	26.3514	-13.8446	53.02603	527.43
Si	38.2807	38.2807	-10.3835	53.05187	550.66
Si	21.3797	-43.2524	20.7669	53.18732	564.7
Si	-23.8655	-0.993	-46.7255	53.22128	550.29
Si	-28.3373	-13.4222	-41.5338	53.26685	592.29
Si	-51.2099	8.4505	3.4611	53.27263	544.39
Si	8.4505	-51.2099	-3.4611	53.27263	557.95
Si	8.4505	-51.2099	3.4611	53.27263	561.36
Si	8.9505	50.7099	19.0363	53.29461	537.75
Si	-33.309	-38.2807	-6.9223	53.30131	638.34
Si	13.4222	3.4788	51.9173	53.30716	528.93
Si	3.4788	13.4222	-51.9173	53.30716	569.79
Si	-8.4505	-18.3939	48.4561	53.31369	545.61
Si	21.3797	-8.4505	-48.4561	53.31369	586.34
Si	-21.3797	38.2807	-31.1504	53.35581	581.82
Si	51.2099	-18.3939	0	53.54685	585.39
Si	43.7524	0.993	32.8809	53.54686	512.76
Si	11.4363	-43.2524	27.6892	53.55096	576.39
Si	46.2382	11.4363	-27.6892	53.55096	566.52
Si	-16.408	-21.3797	-44.995	53.55505	561.56
Si	-16.408	-21.3797	44.995	53.55505	534.55
Si	-1.4929	-46.2382	24.2281	53.6113	562.59
Si	-18.8939	-40.7666	-25.9586	53.62211	510.57
Si	-36.2948	3.4788	-38.0727	53.67849	528.63
Si	-48.2241	16.408	-13.8446	53.7207	523.17
Si	16.408	51.2099	13.8446	53.7207	527.8
Si	-33.809	8.9505	-39.8032	53.72273	529.05
Si	-5.9646	-33.809	39.8032	53.72273	558.73
Si	-36.2948	-1.4929	38.0727	53.72478	547.59
Si	10.9363	53.6957	8.6529	53.75117	532.61
Si	3.9787	-48.724	19.0363	53.76154	556.87
Si	-48.724	-0.993	-19.0363	53.76154	544.41
Si	-51.2099	-1.4929	10.3835	53.79885	565
Si	-3.9787	-40.7666	-32.8809	53.82337	551
Si	-45.7383	25.8515	-8.6529	53.84229	526.78
Si	-28.3373	41.2665	20.7669	53.87991	529.11

Si	-28.3373	41.2665	-20.7669	53.87991	583.62
Si	3.9787	5.9646	53.6478	53.89123	526.56
Si	48.724	0.993	25.9586	53.89695	509.81
Si	0.993	-45.7383	-25.9586	53.89695	521.9
Si	-30.8231	-38.7807	-15.5752	53.93396	600.7
Si	3.9787	-3.9787	53.6478	53.9834	536.51
Si	51.2099	-18.3939	-6.9223	53.99244	582.37
Si	-48.2241	-18.3939	6.9223	53.99244	615.72
Si	30.8231	28.8373	36.3421	54.11769	498.96
Si	-5.9646	0.993	53.6478	54.16598	514.76
Si	48.724	-3.9787	25.9586	54.17168	509.35
Si	-43.2524	31.3231	6.9223	54.22085	544.73
Si	46.2382	-28.3373	-6.9223	54.22085	584.55
Si	13.4222	-26.3514	-44.995	54.24167	578.52
Si	30.8231	-20.8798	-39.8032	54.26873	520.03
Si	33.809	-3.9787	-43.2644	54.27773	571.02
Si	28.8373	45.7383	-15.5752	54.29503	527.49
Si	-6.4646	-51.2099	10.3835	54.30215	555.95
Si	-38.7807	3.9787	36.3421	54.30364	533.1
Si	5.9646	28.8373	-46.7255	54.32296	561.25
Si	6.4646	36.2948	-41.5338	54.41458	555.57
Si	43.7524	35.7948	-1.7306	54.45622	533.9
Si	16.408	21.3797	-48.4561	54.46043	541.94
Si	-38.2807	26.3514	-27.6892	54.46628	527.57
Si	-48.724	18.8939	-12.114	54.50949	522.95
Si	-48.724	-15.908	-12.114	54.50949	549.33
Si	10.9363	-0.993	-53.6478	54.52932	585.92
Si	53.1958	-1.4929	17.3058	54.60397	500.6
Si	18.3939	3.4788	-51.9173	54.63505	549.82
Si	5.9646	-50.7099	15.5752	54.66004	559.03
Si	-13.9222	-50.7099	-5.1917	54.67829	530.45
Si	16.408	46.2382	-27.6892	54.69272	546.9
Si	10.9363	48.724	-25.9586	54.71572	553.19
Si	-5.9646	-38.7807	-36.3421	54.75692	551.4
Si	18.3939	43.2524	31.1504	54.77083	498.99
Si	16.408	-38.2807	-34.6115	54.79375	545.39
Si	-13.4222	-38.2807	34.6115	54.79375	549.63
Si	-28.3373	21.3797	41.5338	54.86695	498.14
Si	21.3797	-28.3373	-41.5338	54.86695	568.35
Si	38.2807	-31.3231	24.2281	54.92932	542.18
Si	3.9787	55.6816	-8.6529	54.93152	546.06
Si	-23.8655	-45.7383	-12.114	54.95982	565.07
Si	18.3939	8.4505	-51.9173	55.04047	546.11
Si	1.4929	-53.1958	6.9223	55.12506	557.7
Si	1.4929	56.1816	6.9223	55.12506	532.2
Si	33.309	3.4788	-44.995	55.14303	564.46
Si	38.2807	28.3373	-31.1504	55.17525	506.68
Si	45.7383	3.9787	-32.8809	55.18139	561.86
Si	5.9646	13.9222	-53.6478	55.25008	570.15
Si	33.309	43.2524	-17.3058	55.27756	524.97
Si	18.3939	48.2241	-24.2281	55.28515	544.84
Si	10.9363	-50.7099	15.5752	55.28926	559.57
Si	-15.908	-13.9222	-50.1867	55.3093	566.06
Si	-10.9363	-3.9787	53.6478	55.33998	507.4
Si	6.4646	56.1816	-6.9223	55.3488	546.45
Si	11.4363	26.3514	-48.4561	55.36073	555.1
Si	11.4363	-23.3656	-48.4561	55.36073	578.84
Si	-48.724	18.8939	15.5752	55.3816	536.37
Si	-25.8515	45.7383	19.0363	55.38724	531.4
Si	-33.809	-25.8515	-32.8809	55.45349	521.71
Si	53.6957	-8.9505	-15.5752	55.46879	528.96
Si	-16.408	-6.4646	-51.9173	55.49022	563.13

Si	-35.7948	40.7666	12.114	55.49365	531.57
Si	50.7099	13.9222	22.4975	55.52423	500.28
Si	18.3939	-41.2665	31.1504	55.53696	563.84
Si	-41.2665	18.3939	-31.1504	55.53696	519.27
Si	33.809	35.7948	-29.4198	55.55605	502.78
Si	20.8798	38.7807	36.3421	55.56054	497.44
Si	-18.8939	13.9222	50.1867	55.57704	484.78
Si	-0.993	55.6816	12.114	55.58192	531.38
Si	-53.6957	-5.9646	1.7306	55.71712	561.15
Si	0.993	43.7524	36.3421	55.7392	510.66
Si	-1.4929	-31.3231	44.995	55.77052	537.95
Si	-23.8655	-35.7948	-32.8809	55.80844	522.47
Si	-45.7383	-23.8655	-15.5752	55.82489	519.02
Si	-26.3514	-16.408	44.995	55.85958	541.91
Si	-16.408	38.2807	38.0727	55.88659	493.72
Si	-20.8798	40.7666	32.8809	55.89374	483.06
Si	-31.3231	-31.3231	31.1504	55.89386	595.79
Si	51.2099	16.408	20.7669	55.90621	501.42
Si	16.408	-48.2241	-20.7669	55.90621	537.4
Si	-45.7383	-3.9787	-29.4198	55.91282	533.75
Si	-33.809	18.8939	-39.8032	55.97598	528.92
Si	-3.9787	43.7524	36.3421	56.00488	512.5
Si	-40.7666	-3.9787	-36.3421	56.00488	519.05
Si	-23.3656	-48.2241	6.9223	56.01467	560.89
Si	11.4363	-53.1958	6.9223	56.01467	562.4
Si	-6.4646	-51.2099	17.3058	56.03924	555.36
Si	38.7807	-33.809	-22.4975	56.06008	557.09
Si	18.3939	-46.2382	24.2281	56.13288	564.19
Si	-30.8231	-33.809	-29.4198	56.17892	522.93
Si	-33.309	16.408	41.5338	56.20222	507.48
Si	-18.3939	-43.2524	-27.6892	56.25228	510.82
Si	25.8515	8.9505	50.1867	56.28193	522.26
Si	-36.2948	-26.3514	-31.1504	56.33436	522.55
Si	-36.2948	-26.3514	31.1504	56.33436	574.87
Si	15.908	53.6957	15.5752	56.35175	527.96
Si	38.7807	-28.8373	-29.4198	56.35439	542.93
Si	-50.7099	20.8798	-8.6529	56.35477	522.29
Si	40.7666	8.9505	-39.8032	56.41215	558.43
Si	28.3373	33.309	-38.0727	56.41288	492.86
Si	-1.4929	23.3656	51.9173	56.4157	499.06
Si	16.408	-23.3656	48.4561	56.46591	520.12
Si	-0.993	-53.6957	12.114	56.5572	556.4
Si	46.2382	1.4929	-34.6115	56.56941	562.39
Si	5.9646	-15.908	-53.6478	56.5763	582.36
Si	6.4646	56.1816	13.8446	56.63254	530.38
Si	36.2948	-43.2524	0	56.6861	549.4
Si	48.2241	-6.4646	31.1504	56.72276	510.08
Si	-51.2099	13.4222	-17.3058	56.7396	520.54
Si	-43.2524	-3.4788	34.6115	56.78746	535.21
Si	-28.8373	48.724	8.6529	56.79412	518.75
Si	15.908	23.8655	50.1867	56.80699	498.11
Si	-20.8798	15.908	-50.1867	56.80699	532.85
Si	33.809	0.993	46.7255	56.81418	527.59
Si	58.1675	3.4788	-3.4611	56.81491	509.23
Si	31.3231	1.4929	-48.4561	56.90197	566.2
Si	1.4929	31.3231	-48.4561	56.90197	559.97
Si	1.4929	51.2099	-27.6892	56.90757	517.33
Si	15.908	13.9222	-53.6478	56.92426	537.75
Si	43.2524	8.4505	-38.0727	56.93673	558.85
Si	-11.4363	-51.2099	-17.3058	56.95822	521.21
Si	28.8373	50.7099	-8.6529	56.96406	519.32
Si	-53.6957	-5.9646	-12.114	56.99256	548.39

Si	50.7099	-10.9363	-25.9586	57.01451	536.66
Si	-46.2382	3.4788	31.1504	57.0311	517.33
Si	-35.7948	-38.7807	-15.5752	57.05192	599.39
Si	18.3939	53.1958	17.3058	57.08172	527.63
Si	-26.3514	48.2241	-17.3058	57.08414	582.11
Si	-43.2524	36.2948	-6.9223	57.1072	520.69
Si	38.7807	0.993	-43.2644	57.1177	564.56
Si	-48.2241	6.4646	27.6892	57.12434	518.09
Si	11.4363	11.4363	55.3784	57.13589	509.33
Si	-8.4505	11.4363	55.3784	57.13589	490.96
Si	-15.908	55.6816	5.1917	57.1504	500.51
Si	-1.4929	53.1958	-24.2281	57.17607	518.41
Si	-13.9222	13.9222	-53.6478	57.18565	544.62
Si	58.6675	0.993	-1.7306	57.20292	509.92
Si	-48.724	-25.8515	1.7306	57.20534	585.56
Si	23.3656	-26.3514	44.995	57.25614	501.56
Si	51.2099	-23.3656	-13.8446	57.28349	575.31
Si	-28.8373	23.8655	43.2644	57.37821	498.39
Si	8.4505	-46.2382	-31.1504	57.4196	519.7
Si	-46.2382	8.4505	31.1504	57.4196	517.38
Si	35.7948	33.809	-32.8809	57.46395	503.46
Si	-46.2382	33.309	3.4611	57.4674	541.04
Si	-45.7383	15.908	-29.4198	57.48132	519.45
Si	-25.8515	-33.809	-36.3421	57.57327	522.68
Si	-10.9363	-23.8655	-50.1867	57.5868	563.42
Si	-18.8939	48.724	-25.9586	57.62162	579.85
Si	25.8515	-50.7099	1.7306	57.63221	543.6
Si	-41.2665	-21.3797	-31.1504	57.63564	518.89
Si	-23.8655	-20.8798	-46.7255	57.67895	558.78
Si	-33.309	-18.3939	41.5338	57.721	539.57
Si	-38.2807	6.4646	41.5338	57.721	526.81
Si	-38.2807	-3.4788	-41.5338	57.721	519.73
Si	5.9646	48.724	-32.8809	57.7229	529.19
Si	55.6816	-10.9363	15.5752	57.73641	496.36
Si	-13.9222	48.724	29.4198	57.74018	488.96
Si	33.309	38.2807	31.1504	57.75769	484.6
Si	-8.9505	-30.8231	-46.7255	57.76387	552.87
Si	11.4363	-28.3373	48.4561	57.76423	523.97
Si	33.809	-38.7807	25.9586	57.79391	540.94
Si	18.8939	45.7383	32.8809	57.80657	499.88
Si	48.724	-3.9787	32.8809	57.80896	509.15
Si	33.309	43.2524	-24.2281	57.81971	511.14
Si	25.8515	53.6957	-5.1917	57.8397	516.51
Si	30.8231	18.8939	-46.7255	57.84748	594.2
Si	-18.8939	-25.8515	-46.7255	57.84987	564.18
Si	13.9222	-53.6957	12.114	57.85346	557.86
Si	-23.8655	-35.7948	36.3421	57.91523	546.36
Si	-5.9646	55.6816	19.0363	57.91733	522.42
Si	-16.408	33.309	44.995	57.9418	494.85
Si	31.3231	-48.2241	0	57.97949	545.86
Si	18.3939	-51.2099	17.3058	57.98895	554.99
Si	-51.2099	23.3656	-10.3835	57.99842	522.8
Si	3.9787	35.7948	46.7255	58.01791	495.53
Si	-31.3231	-46.2382	-3.4611	58.02695	549.93
Si	58.1675	8.4505	-10.3835	58.03649	521.32
Si	38.2807	-36.2948	24.2281	58.03663	541.72
Si	-36.2948	38.2807	-24.2281	58.03663	561.4
Si	-55.6816	-3.9787	-8.6529	58.08391	546.73
Si	-3.9787	58.6675	8.6529	58.08391	529.23
Si	-8.9505	-25.8515	50.1867	58.09887	529.22
Si	-28.8373	43.7524	-25.9586	58.13458	578.08
Si	38.2807	3.4788	-44.995	58.15352	565.85

Si	-31.3231	18.3939	-44.995	58.19862	532.35
Si	18.3939	-31.3231	-44.995	58.19862	565.52
Si	18.8939	15.908	53.6478	58.21235	495.96
Si	-46.2382	13.4222	-31.1504	58.23152	518.48
Si	-45.7383	-28.8373	-15.5752	58.25191	515.56
Si	-36.2948	-21.3797	38.0727	58.3146	540.92
Si	-45.7383	10.9363	32.8809	58.31908	516.23
Si	-33.309	46.2382	13.8446	58.35227	525.25
Si	56.1816	16.408	13.8446	58.35227	488.52
Si	28.3373	53.1958	3.4611	58.35916	514.16
Si	51.2099	31.3231	6.9223	58.39126	506.14
Si	35.7948	-45.7383	1.7306	58.39863	549.12
Si	-15.908	25.8515	-50.1867	58.43658	545.35
Si	58.6675	0.993	12.114	58.44595	501.79
Si	0.993	58.6675	-12.114	58.44595	542.55
Si	-13.9222	18.8939	-53.6478	58.46799	544.25
Si	-43.7524	18.8939	-32.8809	58.57543	519.9
Si	35.7948	38.7807	29.4198	58.58774	485.76
Si	45.7383	13.9222	36.3421	58.59082	499.57
Si	58.6675	10.9363	-8.6529	58.59164	520.44
Si	48.2241	18.3939	31.1504	58.64975	497.6
Si	50.7099	13.9222	29.4198	58.67135	497.89
Si	-23.8655	53.6957	8.6529	58.6776	505.6
Si	23.3656	53.1958	17.3058	58.74601	526.5
Si	18.3939	23.3656	-51.9173	58.81717	539.1
Si	-13.4222	-28.3373	48.4561	58.82427	527.57
Si	-26.3514	53.1958	3.4611	58.8258	503.35
Si	-48.2241	16.408	27.6892	58.82969	523.51
Si	-18.3939	1.4929	55.3784	58.8409	501.97
Si	33.809	-13.9222	46.7255	58.86616	501.78
Si	-20.8798	10.9363	53.6478	58.88805	483.75
Si	40.7666	8.9505	43.2644	58.90535	518.84
Si	-25.8515	15.908	-50.1867	58.94245	534.07
Si	48.2241	-16.408	31.1504	58.94567	514.26
Si	-26.3514	3.4788	-51.9173	58.94616	542.6
Si	-1.4929	3.4788	-58.8396	58.94872	541.82
Si	43.7524	40.7666	12.114	58.94939	498.57
Si	15.908	-0.993	57.109	58.95261	520.59
Si	-26.3514	43.2524	-31.1504	59.07203	569.79
Si	-5.9646	-28.8373	-50.1867	59.11205	553.97
Si	-53.6957	18.8939	-12.114	59.12132	520.78
Si	-36.2948	8.4505	-44.995	59.1681	525.85
Si	48.724	-33.809	5.1917	59.19422	512.12
Si	10.9363	-55.6816	-12.114	59.20184	512.19
Si	28.8373	35.7948	39.8032	59.23372	488.49
Si	60.6534	-0.993	1.7306	59.23794	507.81
Si	25.8515	33.809	43.2644	59.2408	489.37
Si	3.9787	50.7099	32.8809	59.24232	495.79
Si	-51.2099	28.3373	-3.4611	59.24683	523.07
Si	15.908	-45.7383	-32.8809	59.32734	527.98
Si	28.3373	38.2807	38.0727	59.359	487.07
Si	25.8515	-5.9646	-53.6478	59.38891	556.49
Si	-13.4222	-38.2807	41.5338	59.40923	537.81
Si	33.809	-38.7807	-29.4198	59.42903	524.25
Si	33.309	-31.3231	-38.0727	59.48681	499.48
Si	23.8655	45.7383	32.8809	59.49236	498.35
Si	50.7099	33.809	8.6529	59.51065	504.51
Si	-10.9363	-48.724	-29.4198	59.51262	497.27
Si	38.2807	-11.4363	44.995	59.54034	498.89
Si	53.1958	18.3939	24.2281	59.54689	500.29
Si	48.2241	-26.3514	-24.2281	59.54921	548.15
Si	-20.8798	35.7948	-43.2644	59.57319	557.41

Si	8.9505	-38.7807	-43.2644	59.57667	527.63
Si	-38.7807	8.9505	43.2644	59.57667	525.14
Si	0.993	-45.7383	36.3421	59.5968	546.4
Si	-33.809	-45.7383	8.6529	59.5976	552.88
Si	36.2948	26.3514	41.5338	59.61689	495.44
Si	43.7524	-38.7807	12.114	59.62021	515.64
Si	-51.2099	23.3656	17.3058	59.62792	528.16
Si	18.8939	20.8798	53.6478	59.63834	495.16
Si	-0.993	-53.6957	-22.4975	59.64983	499.21
Si	58.1675	8.4505	-17.3058	59.66496	520.12
Si	-50.7099	25.8515	-15.5752	59.67464	521.29
Si	-18.3939	-8.4505	55.3784	59.67515	504.28
Si	0.993	-30.8231	50.1867	59.69321	531.28
Si	-41.2665	18.3939	-38.0727	59.69537	518.36
Si	58.1675	-6.4646	17.3058	59.78981	497.78
Si	8.9505	-23.8655	53.6478	59.80598	522.67
Si	45.7383	18.8939	36.3421	59.84305	498.7
Si	5.9646	-30.8231	50.1867	59.85838	527.18
Si	-33.309	6.4646	-48.4561	59.86555	527.1
Si	36.2948	6.4646	48.4561	59.86555	519.34
Si	46.2382	41.2665	0	59.8672	519.76
Si	6.4646	61.1533	0	59.8672	530.71
Si	-41.2665	43.2524	-3.4611	59.8682	517.59
Si	5.9646	-15.908	57.109	59.86839	518.93
Si	-35.7948	-43.7524	12.114	59.86868	552.91
Si	41.2665	41.2665	-20.7669	59.95951	483.82
Si	46.2382	21.3797	34.6115	59.96318	496.63
Si	-18.3939	46.2382	34.6115	59.96318	483.48
Si	-41.2665	-16.408	38.0727	59.98613	537.86
Si	-51.2099	-21.3797	17.3058	60.00192	513.3
Si	-58.1675	1.4929	6.9223	60.06065	519.73
Si	-53.1958	26.3514	0	60.07328	523.77
Si	-0.993	-48.724	32.8809	60.07559	545.67
Si	-13.9222	23.8655	-53.6478	60.13525	544.46
Si	55.6816	3.9787	-25.9586	60.13693	541.77
Si	13.9222	15.908	-57.109	60.19732	535.71
Si	-58.6675	3.9787	1.7306	60.23655	514.3
Si	3.9787	-58.6675	-1.7306	60.23655	529.18
Si	-38.2807	46.2382	-6.9223	60.26607	517.87
Si	-43.2524	41.2665	-6.9223	60.26607	518.65
Si	-18.3939	31.3231	-48.4561	60.27702	547.5
Si	31.3231	-18.3939	48.4561	60.27702	500.79
Si	-11.4363	-1.4929	58.8396	60.31726	506.91
Si	-46.2382	-26.3514	24.2281	60.33707	508.85
Si	-43.2524	36.2948	-20.7669	60.37034	551.34
Si	36.2948	46.2382	20.7669	60.37034	489.15
Si	16.408	56.1816	20.7669	60.37034	527.8
Si	3.4788	53.1958	31.1504	60.39435	494.27
Si	-10.9363	-13.9222	-57.109	60.44456	548.8
Si	26.3514	56.1816	6.9223	60.4708	511.03
Si	13.9222	60.6534	-1.7306	60.47677	529.4
Si	36.2948	-8.4505	48.4561	60.48171	500.2
Si	46.2382	31.3231	27.6892	60.48698	490.62
Si	-16.408	-56.1816	3.4611	60.48777	513.24
Si	-50.7099	30.8231	-8.6529	60.50019	519.66
Si	-30.8231	40.7666	32.8809	60.5632	474.93
Si	51.2099	1.4929	34.6115	60.57835	508.2
Si	-28.3373	-38.2807	34.6115	60.57835	547.4
Si	-11.4363	58.1675	-17.3058	60.65199	512.55
Si	53.6957	10.9363	-29.4198	60.66168	543.67
Si	25.8515	53.6957	-19.0363	60.67008	519.72
Si	43.2524	38.2807	-24.2281	60.69758	484.01

Si	1.4929	-23.3656	55.3784	60.70183	529.15
Si	-18.8939	-55.6816	1.7306	60.72515	511.91
Si	-45.7383	25.8515	-29.4198	60.74244	520.31
Si	-0.993	5.9646	60.5701	60.78583	506.56
Si	33.309	53.1958	-3.4611	60.80653	517.64
Si	38.2807	-16.408	-44.995	60.8139	482.34
Si	18.3939	28.3373	-51.9173	60.84132	539.41
Si	58.1675	23.3656	-3.4611	60.84739	485.03
Si	-38.2807	-18.3939	41.5338	60.84801	539.62
Si	21.3797	-38.2807	-41.5338	60.84801	543.88
Si	61.1533	-8.4505	6.9223	60.87818	499.42
Si	-20.8798	-38.7807	39.8032	60.88342	541.32
Si	-53.6957	18.8939	-19.0363	60.91767	514.98
Si	-18.8939	-55.6816	-5.1917	60.9221	513.75
Si	-21.3797	43.2524	38.0727	60.96342	482.86
Si	40.7666	-15.908	43.2644	60.96736	498.19
Si	13.9222	60.6534	-8.6529	61.06814	528.69
Si	8.9505	-18.8939	-57.109	61.09557	576.69
Si	-21.3797	-21.3797	51.9173	61.16954	518.59
Si	18.8939	55.6816	-22.4975	61.19926	524.29
Si	38.2807	-36.2948	31.1504	61.25028	537.19
Si	3.4788	18.3939	-58.8396	61.25096	552.24
Si	8.4505	33.309	51.9173	61.28681	484.55
Si	28.3373	33.309	-44.995	61.29789	489.78
Si	1.4929	56.1816	27.6892	61.29882	494.11
Si	28.8373	55.6816	-8.6529	61.31074	518
Si	-11.4363	13.4222	58.8396	61.41307	490.95
Si	45.7383	23.8655	36.3421	61.47303	497.04
Si	-13.4222	36.2948	48.4561	61.49493	491.51
Si	-3.4788	56.1816	-27.6892	61.50011	513.98
Si	53.1958	-21.3797	-24.2281	61.5089	536.2
Si	11.4363	-23.3656	55.3784	61.51084	523.22
Si	-23.3656	11.4363	-55.3784	61.51084	534.04
Si	-43.7524	-10.9363	-39.8032	61.52979	503.1
Si	45.7383	-25.8515	-32.8809	61.5347	508.81
Si	13.9222	20.8798	-57.109	61.57736	532.89
Si	-20.8798	-3.9787	-57.109	61.57848	550.51
Si	51.2099	-28.3373	20.7669	61.5864	500.51
Si	-20.8798	-18.8939	53.6478	61.59743	519.71
Si	-55.6816	5.9646	-22.4975	61.60407	515.68
Si	-51.2099	28.3373	17.3058	61.62545	527.26
Si	-35.7948	40.7666	-29.4198	61.63051	562.36
Si	-50.7099	15.908	-29.4198	61.63163	517.64
Si	-53.1958	26.3514	13.8446	61.64797	525.04
Si	55.6816	-0.993	29.4198	61.71	504.63
Si	-56.1816	23.3656	-3.4611	61.77979	520.46
Si	56.1816	-18.3939	20.7669	61.78675	489.94
Si	46.2382	26.3514	34.6115	61.79031	495.29
Si	-43.2524	26.3514	34.6115	61.79031	480.24
Si	11.4363	-43.2524	-41.5338	61.85523	523.94
Si	-36.2948	-36.2948	-31.1504	61.856	518.03
Si	35.7948	43.7524	29.4198	61.8709	485.92
Si	-13.9222	-50.7099	29.4198	61.87313	513.57
Si	-13.4222	61.1533	6.9223	61.88491	497.38
Si	55.6816	28.8373	-12.114	61.89413	478.9
Si	8.9505	-8.9505	60.5701	61.91461	507.56
Si	-6.4646	-31.3231	51.9173	61.93232	522.44
Si	23.3656	-51.2099	-24.2281	61.99192	519.72
Si	-58.1675	-8.4505	13.8446	62.04762	519.15
Si	23.8655	10.9363	-57.109	62.05762	532.01
Si	-48.2241	-23.3656	-27.6892	62.10006	496.09
Si	53.1958	-31.3231	10.3835	62.11196	506.66

Si	25.8515	-25.8515	50.1867	62.12692	499.81
Si	0.993	63.6392	1.7306	62.17235	530.75
Si	15.908	-40.7666	43.2644	62.17285	497.1
Si	45.7383	-30.8231	29.4198	62.18924	527.43
Si	-53.6957	28.8373	8.6529	62.19624	522.67
Si	-30.8231	-23.8655	46.7255	62.21457	519.67
Si	-26.3514	-31.3231	44.995	62.26348	530.36
Si	-38.7807	38.7807	29.4198	62.27245	472.88
Si	20.8798	58.6675	15.5752	62.34874	522.87
Si	63.6392	0.993	5.1917	62.36474	504
Si	28.3373	23.3656	51.9173	62.40543	496.1
Si	-46.2382	-11.4363	38.0727	62.40953	524.51
Si	63.6392	-3.9787	-1.7306	62.41066	502.6
Si	13.9222	60.6534	-15.5752	62.42621	522.21
Si	33.309	-51.2099	10.3835	62.43129	514.64
Si	-48.724	8.9505	36.3421	62.4348	514.75
Si	-25.8515	-23.8655	-50.1867	62.52573	556.48
Si	-56.1816	18.3939	17.3058	62.54183	509.52
Si	-6.4646	-41.2665	44.995	62.57982	521.44
Si	3.4788	-56.1816	-24.2281	62.58826	497.3
Si	63.6392	-3.9787	5.1917	62.60231	503.35
Si	-3.9787	-60.6534	-5.1917	62.60231	509.15
Si	26.3514	-38.2807	41.5338	62.64935	501.13
Si	3.9787	-43.7524	-43.2644	62.65076	518.57
Si	-43.7524	-0.993	43.2644	62.65076	518.22
Si	55.6816	28.8373	15.5752	62.66355	474.09
Si	53.1958	18.3939	31.1504	62.68316	498.12
Si	-38.2807	41.2665	27.6892	62.69426	472.3
Si	-36.2948	23.3656	44.995	62.69666	487.75
Si	15.908	8.9505	-60.5701	62.70688	521.7
Si	25.8515	58.6675	8.6529	62.74664	513.44
Si	28.3373	-21.3797	51.9173	62.76288	499.85
Si	43.2524	48.2241	3.4611	62.76656	498.52
Si	-25.8515	-53.6957	12.114	62.77141	525.92
Si	-46.2382	-31.3231	-24.2281	62.78651	485.42
Si	33.809	5.9646	53.6478	62.78863	514.01
Si	-1.4929	23.3656	-58.8396	62.84443	548.88
Si	36.2948	21.3797	48.4561	62.88601	498.04
Si	-33.309	-18.3939	-48.4561	62.88601	525.02
Si	30.8231	-45.7383	29.4198	62.90126	516.61
Si	-45.7383	30.8231	-29.4198	62.90126	519.86
Si	48.724	30.8231	-29.4198	62.90126	482.2
Si	-60.6534	5.9646	-8.6529	62.90489	496.34
Si	-56.1816	8.4505	24.2281	62.94247	509.55
Si	-20.8798	15.908	-57.109	63.00608	532.11
Si	-33.809	-50.7099	1.7306	63.04247	527.47
Si	-21.3797	-36.2948	44.995	63.05245	535.84
Si	-36.2948	-21.3797	-44.995	63.05245	524.96
Si	33.809	-18.8939	-50.1867	63.07653	478.95
Si	-53.1958	16.408	-27.6892	63.08729	515.78
Si	6.4646	31.3231	55.3784	63.09775	483.51
Si	58.6675	-23.8655	-8.6529	63.14153	517.03
Si	43.7524	5.9646	46.7255	63.15958	517.34
Si	23.3656	58.1675	17.3058	63.16577	524.63
Si	-38.2807	-33.309	34.6115	63.1749	529.28
Si	-38.2807	36.2948	34.6115	63.1749	473.42
Si	-26.3514	58.1675	3.4611	63.23998	503.8
Si	-15.908	-3.9787	60.5701	63.2572	505.12
Si	-18.3939	-58.1675	6.9223	63.26742	512.61
Si	-6.4646	23.3656	58.8396	63.27582	484.98
Si	-8.4505	-3.4788	-62.3007	63.2848	517.63
Si	11.4363	6.4646	-62.3007	63.2848	520.71

Si	-3.4788	-8.4505	-62.3007	63.2848	518.14
Si	-46.2382	18.3939	-38.0727	63.35163	517.82
Si	-58.1675	-3.4788	20.7669	63.36675	513.94
Si	41.2665	46.2382	20.7669	63.36675	487.79
Si	48.724	40.7666	-15.5752	63.37024	477.14
Si	-28.8373	48.724	29.4198	63.37368	472.45
Si	13.9222	-58.6675	-15.5752	63.3746	508.7
Si	60.6534	-10.9363	-19.0363	63.37844	502.74
Si	-28.8373	43.7524	36.3421	63.45491	475.28
Si	41.2665	11.4363	-48.4561	63.47286	543.62
Si	28.8373	5.9646	-57.109	63.47554	533.49
Si	10.9363	58.6675	-25.9586	63.4977	512.79
Si	43.2524	48.2241	10.3835	63.5254	494.31
Si	28.8373	-53.6957	-15.5752	63.5302	497.93
Si	45.7383	-20.8798	-39.8032	63.58052	476.64
Si	60.6534	-15.908	15.5752	63.60297	490.71
Si	-15.908	60.6534	-15.5752	63.60297	512.41
Si	0.993	53.6957	36.3421	63.60923	494.66
Si	58.6675	-18.8939	19.0363	63.61549	490.25
Si	35.7948	53.6957	-12.114	63.62791	516.3
Si	63.1392	13.4222	10.3835	63.64268	483.75
Si	58.6675	-8.9505	25.9586	63.65409	497.9
Si	-13.9222	48.724	-39.8032	63.66083	526.4
Si	-13.9222	-45.7383	-39.8032	63.66083	498.5
Si	50.7099	-35.7948	15.5752	63.68108	506.49
Si	38.2807	-1.4929	-51.9173	63.69975	557.66
Si	10.9363	43.7524	-46.7255	63.7049	493.5
Si	21.3797	51.2099	-34.6115	63.75908	497.37
Si	18.8939	-58.6675	12.114	63.78723	538.77
Si	43.2524	43.2524	-24.2281	63.83346	484.26
Si	-3.9787	-50.7099	36.3421	63.84218	543.26
Si	-8.4505	11.4363	-62.3007	63.86799	525.94
Si	-11.4363	-56.1816	24.2281	63.87887	513.35
Si	-58.1675	-8.4505	-20.7669	63.94919	504.06
Si	-43.2524	-28.3373	34.6115	63.95263	527.95
Si	-28.3373	46.2382	-34.6115	63.95263	569.28
Si	35.7948	33.809	43.2644	63.97466	488.41
Si	3.4788	63.1392	-17.3058	64.06012	523.84
Si	1.4929	16.408	-62.3007	64.0612	551.96
Si	45.7383	-40.7666	-19.0363	64.07725	513
Si	0.993	-0.993	64.0313	64.08146	500.78
Si	-1.4929	63.1392	-17.3058	64.09891	524.03
Si	38.2807	-6.4646	51.9173	64.12538	496.57
Si	-35.7948	30.8231	-43.2644	64.20627	496.06
Si	-18.3939	46.2382	41.5338	64.20812	483.14
Si	5.9646	-0.993	64.0313	64.23535	500.73
Si	31.3231	-28.3373	48.4561	64.24699	499.17
Si	31.3231	51.2099	-27.6892	64.25195	502.21
Si	15.908	-30.8231	-53.6478	64.26673	519.32
Si	23.8655	-43.7524	39.8032	64.28036	504.47
Si	30.8231	58.6675	1.7306	64.28209	513.73
Si	45.7383	-15.908	43.2644	64.28258	495.86
Si	48.724	-3.9787	-43.2644	64.28473	514.34
Si	-53.6957	3.9787	-32.8809	64.28936	516.29
Si	28.8373	-48.724	-29.4198	64.3038	517.02
Si	-50.7099	10.9363	-36.3421	64.30446	515.58
Si	48.724	40.7666	19.0363	64.3085	479.81
Si	53.6957	35.7948	-15.5752	64.37661	474.1
Si	65.6251	-0.993	-5.1917	64.38995	502.41
Si	-18.3939	-58.1675	13.8446	64.39349	510.31
Si	61.1533	-18.3939	13.8446	64.39349	491.52
Si	-13.9222	38.7807	50.1867	64.39489	491.05

Si	-0.993	-38.7807	-50.1867	64.39596	508.57
Si	-0.993	45.7383	46.7255	64.39802	478.03
Si	36.2948	36.2948	41.5338	64.40032	486.01
Si	-13.4222	41.2665	48.4561	64.43907	491.67
Si	-38.2807	-13.4222	48.4561	64.43907	514.29
Si	-18.3939	-53.1958	-27.6892	64.44401	490.68
Si	38.2807	-26.3514	-44.995	64.44527	476.18
Si	8.9505	0.993	-64.0313	64.46603	513.83
Si	-25.8515	40.7666	-43.2644	64.51309	549.19
Si	-35.7948	25.8515	46.7255	64.55222	489.05
Si	0.993	-20.8798	-60.5701	64.57187	536.66
Si	-30.8231	40.7666	39.8032	64.58361	474.45
Si	33.809	40.7666	39.8032	64.58361	486.99
Si	-63.1392	1.4929	0	64.6321	509.34
Si	-20.8798	-18.8939	-57.109	64.63428	543.61
Si	31.3231	-13.4222	55.3784	64.64571	497.69
Si	-58.6675	8.9505	22.4975	64.6608	506.45
Si	8.9505	-3.9787	-64.0313	64.69589	513.09
Si	13.4222	38.2807	51.9173	64.73833	477.94
Si	38.2807	13.4222	51.9173	64.73833	511.04
Si	63.1392	18.3939	-10.3835	64.75899	493.89
Si	3.9787	65.6251	-8.6529	64.76098	526.56
Si	-20.8798	-58.6675	-8.6529	64.76631	510.35
Si	35.7948	-20.8798	50.1867	64.77547	500.53
Si	23.8655	35.7948	-50.1867	64.77547	492.91
Si	-38.2807	31.3231	41.5338	64.783	480.58
Si	23.8655	-3.9787	60.5701	64.80135	499.71
Si	16.408	11.4363	62.3007	64.8283	495.27
Si	-13.9222	43.7524	-46.7255	64.85953	534.44
Si	-15.908	-13.9222	60.5701	64.87802	501.2
Si	-55.6816	-28.8373	5.1917	64.9292	505.33
Si	18.3939	23.3656	58.8396	65.00886	487
Si	23.3656	-51.2099	-31.1504	65.01034	518.75
Si	-36.2948	-41.2665	31.1504	65.01247	531.51
Si	33.309	-21.3797	51.9173	65.04476	498.79
Si	-40.7666	50.7099	5.1917	65.0779	496.72
Si	3.4788	-26.3514	-58.8396	65.12558	532.53
Si	13.4222	63.1392	17.3058	65.13113	512.9
Si	63.1392	13.4222	17.3058	65.13113	482.57
Si	-8.9505	-55.6816	29.4198	65.14228	514.27
Si	-20.8798	50.7099	-36.3421	65.14292	526.95
Si	-38.2807	51.2099	-13.8446	65.15668	502.44
Si	-6.4646	58.1675	-31.1504	65.15886	511.33
Si	-63.1392	6.4646	-6.9223	65.1916	497.78
Si	-3.4788	-63.1392	-6.9223	65.1916	509.81
Si	-53.1958	-33.309	-6.9223	65.1916	500.69
Si	-53.1958	36.2948	6.9223	65.1916	520.9
Si	-38.7807	33.809	-39.8032	65.19649	494.4
Si	23.3656	-31.3231	51.9173	65.19744	497.51
Si	-25.8515	50.7099	32.8809	65.20112	474.32
Si	-36.2948	13.4222	-51.9173	65.31171	513.01
Si	-11.4363	63.1392	-17.3058	65.32166	512.53
Si	18.3939	-21.3797	58.8396	65.35206	504.12
Si	28.8373	60.6534	5.1917	65.38063	512.71
Si	3.9787	-63.6392	5.1917	65.38591	514.91
Si	66.125	-8.4505	0	65.3925	500.88
Si	30.8231	13.9222	57.109	65.39254	505.79
Si	23.3656	58.1675	24.2281	65.40202	521.32
Si	-58.6675	-15.908	-19.0363	65.45565	502.73
Si	-58.6675	18.8939	-19.0363	65.45565	510.55
Si	11.4363	-53.1958	-34.6115	65.48039	506.81
Si	-8.4505	-53.1958	-34.6115	65.48039	490.22

Si	11.4363	56.1816	34.6115	65.48039	473.86
Si	-11.4363	-36.2948	-51.9173	65.50172	512.68
Si	-38.7807	13.9222	50.1867	65.53737	492.47
Si	43.7524	-23.8655	-43.2644	65.57986	474.25
Si	-3.4788	-18.3939	-62.3007	65.58643	536.05
Si	-3.4788	-33.309	55.3784	65.59464	519.09
Si	-3.4788	36.2948	-55.3784	65.59464	501.44
Si	48.724	-43.7524	5.1917	65.61149	498.93
Si	-56.1816	-1.4929	31.1504	65.61713	504
Si	-21.3797	-16.408	-58.8396	65.61776	544.18
Si	-50.7099	0.993	39.8032	65.64818	513.52
Si	48.724	15.908	-43.2644	65.65351	495.66
Si	-40.7666	-48.724	-1.7306	65.65515	507.73
Si	-41.2665	48.2241	17.3058	65.66323	482.18
Si	-53.1958	-28.3373	-20.7669	65.66551	476.81
Si	65.6251	-5.9646	-12.114	65.69092	497.49
Si	25.8515	-5.9646	-60.5701	65.70917	537.47
Si	-23.8655	3.9787	-60.5701	65.71127	527.23
Si	58.6675	20.8798	25.9586	65.71628	490.71
Si	-21.3797	58.1675	24.2281	65.74317	473.49
Si	66.125	11.4363	6.9223	65.75787	483.43
Si	-38.2807	21.3797	48.4561	65.76791	488.54
Si	-46.2382	-31.3231	-31.1504	65.76847	481.08
Si	1.4929	-58.1675	-27.6892	65.77275	496.86
Si	-13.4222	16.408	-62.3007	65.7746	529.49
Si	45.7383	-20.8798	43.2644	65.80268	494.67
Si	-20.8798	45.7383	-43.2644	65.80268	535.42
Si	23.8655	45.7383	-43.2644	65.80268	481.52
Si	45.7383	23.8655	43.2644	65.80268	485
Si	-41.2665	23.3656	44.995	65.81282	487.26
Si	-50.7099	-33.809	19.0363	65.83115	495.8
Si	18.3939	38.2807	51.9173	65.83606	476.6
Si	-55.6816	-28.8373	12.114	65.84525	498.61
Si	-45.7383	-13.9222	-43.2644	65.88028	502.24
Si	41.2665	46.2382	-27.6892	65.96039	481.28
Si	41.2665	46.2382	27.6892	65.96039	484.96
Si	-35.7948	55.6816	5.1917	65.98296	496.61
Si	-58.6675	-20.8798	15.5752	66.04839	505.78
Si	-20.8798	-58.6675	-15.5752	66.04839	500.61
Si	-6.4646	-46.2382	44.995	66.07666	519.41
Si	1.4929	-63.1392	-13.8446	66.09827	497.96
Si	30.8231	-55.6816	15.5752	66.11943	507.05
Si	58.6675	-13.9222	-29.4198	66.12168	503.74
Si	15.908	23.8655	-60.5701	66.15945	528.38
Si	-35.7948	-8.9505	53.6478	66.16289	497.95
Si	-43.7524	28.8373	-39.8032	66.17509	495.78
Si	20.8798	-60.6534	-12.114	66.21749	493.62
Si	-43.7524	-10.9363	-46.7255	66.21853	502.47
Si	20.8798	-25.8515	57.109	66.21932	502.12
Si	63.1392	3.4788	24.2281	66.26619	484.51
Si	-3.4788	-63.1392	13.8446	66.28498	514.98
Si	-40.7666	10.9363	-50.1867	66.28531	512
Si	-25.8515	-58.6675	5.1917	66.28676	511.97
Si	-1.4929	-6.4646	65.7618	66.30881	498.23
Si	40.7666	-40.7666	-32.8809	66.40358	502.81
Si	-13.4222	-53.1958	34.6115	66.41739	510.38
Si	-53.1958	16.408	34.6115	66.41739	492.11
Si	13.9222	55.6816	-36.3421	66.42028	492.02
Si	-43.7524	33.809	36.3421	66.42444	475.64
Si	-43.7524	-30.8231	36.3421	66.42444	528.04
Si	13.9222	65.6251	12.114	66.43921	511.22
Si	-31.3231	-56.1816	-3.4611	66.4471	518.06

Si	-10.9363	25.8515	60.5701	66.45725	484.25
Si	-15.908	30.8231	-57.109	66.51685	536.16
Si	-33.809	-15.908	-53.6478	66.53647	520.82
Si	-15.908	-58.6675	-22.4975	66.5447	493.95
Si	45.7383	38.7807	-32.8809	66.5521	479.74
Si	38.7807	45.7383	32.8809	66.5521	484.88
Si	-48.724	-30.8231	29.4198	66.57021	506.09
Si	-60.6534	15.908	19.0363	66.57578	502.86
Si	35.7948	-25.8515	50.1867	66.65613	498.62
Si	35.7948	3.9787	57.109	66.66512	513.23
Si	-0.993	35.7948	-57.109	66.66512	500.47
Si	-46.2382	13.4222	44.995	66.67167	496.03
Si	-56.1816	33.309	10.3835	66.68154	520.85
Si	-13.4222	66.125	6.9223	66.69098	495.48
Si	-55.6816	35.7948	-1.7306	66.69744	509.57
Si	35.7948	-55.6816	1.7306	66.69744	512.02
Si	-43.2524	11.4363	-48.4561	66.70088	509.01
Si	-58.1675	-28.3373	0	66.70236	504.9
Si	31.3231	-58.1675	0	66.70236	511.57
Si	-33.309	51.2099	27.6892	66.70565	472.36
Si	30.8231	-50.7099	29.4198	66.71525	515.11
Si	-48.724	43.7524	-12.114	66.74094	514.27
Si	-31.3231	38.2807	44.995	66.74412	473.47
Si	-8.9505	-55.6816	-32.8809	66.77685	491.98
Si	66.125	-8.4505	-13.8446	66.842	495.94
Si	-8.4505	-63.1392	13.8446	66.842	515.19
Si	13.4222	3.4788	65.7618	66.86459	497.38
Si	-48.2241	46.2382	0	66.88738	506.83
Si	15.908	-35.7948	-53.6478	66.90487	514.87
Si	-0.993	65.6251	19.0363	66.94396	503.58
Si	-48.2241	41.2665	20.7669	66.97002	476.81
Si	30.8231	58.6675	-19.0363	67.01921	515.95
Si	8.9505	35.7948	-57.109	67.03487	493.31
Si	16.408	21.3797	62.3007	67.07699	485.06
Si	-33.309	-13.4222	-55.3784	67.08502	518.06
Si	25.8515	38.7807	50.1867	67.10005	476.75
Si	-20.8798	60.6534	-22.4975	67.13144	511.45
Si	20.8798	-55.6816	29.4198	67.15879	503.32
Si	-8.9505	18.8939	64.0313	67.17038	483.35
Si	15.908	53.6957	-39.8032	67.21035	491.44
Si	-38.2807	-33.309	41.5338	67.21732	511.13
Si	-18.8939	48.724	43.2644	67.21761	483.17
Si	-35.7948	-43.7524	32.8809	67.22101	533.13
Si	-55.6816	35.7948	-8.6529	67.23411	502.79
Si	-43.2524	-48.2241	-6.9223	67.24463	501.42
Si	-26.3514	18.3939	-58.8396	67.25356	525.82
Si	-45.7383	-8.9505	46.7255	67.25414	515.85
Si	-51.2099	-26.3514	31.1504	67.255	506.64
Si	-26.3514	-51.2099	-31.1504	67.255	490.15
Si	-23.3656	6.4646	62.3007	67.26099	478.07
Si	-41.2665	3.4788	-51.9173	67.28827	505.66
Si	-23.8655	-60.6534	-5.1917	67.32133	510.83
Si	30.8231	-0.993	-60.5701	67.34377	528.38
Si	-38.7807	-30.8231	43.2644	67.36536	512.34
Si	33.809	-38.7807	-43.2644	67.36536	482.91
Si	43.2524	-41.2665	31.1504	67.39856	532.05
Si	-63.6392	13.9222	-12.114	67.4049	491.67
Si	38.2807	43.2524	-38.0727	67.42941	477.14
Si	50.7099	33.809	-32.8809	67.43738	481.16
Si	-23.3656	-38.2807	-48.4561	67.43796	498.73
Si	58.6675	-28.8373	19.0363	67.4628	487.84
Si	38.7807	-23.8655	-50.1867	67.46947	475.21

Si	-33.809	48.724	-32.8809	67.51413	561.29
Si	-15.908	65.6251	12.114	67.5461	493.14
Si	-30.8231	-23.8655	53.6478	67.56824	503.74
Si	56.1816	-38.2807	0	67.62243	491.18
Si	45.7383	28.8373	43.2644	67.65479	486.14
Si	63.6392	-23.8655	-8.6529	67.67629	513.64
Si	-53.1958	-18.3939	34.6115	67.70742	505.87
Si	-23.8655	-55.6816	-25.9586	67.71876	489.67
Si	-6.4646	-41.2665	51.9173	67.72805	509.58
Si	11.4363	26.3514	62.3007	67.80998	481.99
Si	-13.9222	63.6392	22.4975	67.8669	474.18
Si	-65.6251	-3.9787	-8.6529	67.89426	494.19
Si	23.8655	65.6251	-1.7306	67.94456	500.51
Si	13.4222	33.309	58.8396	67.94605	479.07
Si	-65.6251	-8.9505	-1.7306	67.94761	495.1
Si	31.3231	46.2382	-41.5338	67.9488	477.31
Si	31.3231	46.2382	41.5338	67.9488	483.59
Si	-56.1816	-16.408	31.1504	67.9495	505.1
Si	-41.2665	-51.2099	3.4611	67.95536	510.09
Si	-1.4929	18.3939	65.7618	67.96455	482.84
Si	-15.908	-63.6392	-8.6529	67.96947	508.31
Si	-63.6392	18.8939	8.6529	67.96947	491.82
Si	-18.3939	-63.1392	-6.9223	67.97582	508.87
Si	56.1816	41.2665	6.9223	67.97582	473.6
Si	-18.3939	-63.1392	6.9223	67.97582	511.17
Si	-16.408	-46.2382	44.995	67.99445	508.86
Si	-0.993	65.6251	-22.4975	68.00918	517.3
Si	5.9646	8.9505	-67.4924	68.05026	507.3
Si	-33.309	-53.1958	20.7669	68.06828	506.06
Si	-65.6251	-8.9505	5.1917	68.12369	495.94
Si	68.6109	-8.9505	5.1917	68.1237	497.49
Si	61.1533	31.3231	13.8446	68.12398	472.58
Si	-53.1958	31.3231	27.6892	68.17174	473.46
Si	1.4929	-38.2807	-55.3784	68.18142	507.66
Si	-25.8515	-13.9222	60.5701	68.2208	490.81
Si	-53.6957	-25.8515	29.4198	68.25704	506.44
Si	8.9505	50.7099	46.7255	68.27304	469.87
Si	-40.7666	0.993	53.6478	68.29495	475.86
Si	-43.2524	-48.2241	13.8446	68.30516	506.15
Si	-25.8515	-43.7524	-43.2644	68.3129	491.17
Si	5.9646	-35.7948	57.109	68.35062	509.75
Si	-38.2807	-3.4788	-55.3784	68.36245	505.46
Si	-3.4788	41.2665	55.3784	68.36245	465.38
Si	13.9222	55.6816	39.8032	68.37546	472.01
Si	-18.8939	-35.7948	-53.6478	68.44037	504.8
Si	23.8655	65.6251	-8.6529	68.47146	500.07
Si	-1.4929	-66.125	10.3835	68.47563	513.17
Si	-23.8655	-50.7099	36.3421	68.4758	501.21
Si	-23.8655	53.6957	36.3421	68.4758	473.91
Si	-58.6675	-30.8231	-5.1917	68.48758	502.73
Si	3.4788	53.1958	-44.995	68.56879	483.75
Si	-61.1533	23.3656	-17.3058	68.57442	506.42
Si	-56.1816	-31.3231	-17.3058	68.57643	476.84
Si	58.1675	-21.3797	31.1504	68.59672	489.17
Si	-63.1392	11.4363	-20.7669	68.61081	496.19
Si	11.4363	-63.1392	-20.7669	68.61081	507.74
Si	-65.6251	15.908	-1.7306	68.6703	491.56
Si	-18.3939	-58.1675	27.6892	68.71346	502.63
Si	16.408	26.3514	62.3007	68.71523	482.02
Si	58.1675	-6.4646	-38.0727	68.73761	484.41
Si	55.6816	43.7524	1.7306	68.74065	472.11
Si	25.8515	-55.6816	29.4198	68.75894	508.62

Si	48.724	50.7099	-8.6529	68.76025	467.66
Si	50.7099	-45.7383	8.6529	68.76025	498.56
Si	33.809	35.7948	-50.1867	68.84514	476.41
Si	-66.125	-6.4646	-10.3835	68.87175	496.04
Si	15.908	63.6392	-25.9586	68.87527	508.47
Si	-13.9222	-65.6251	1.7306	68.88714	504.98
Si	46.2382	21.3797	-48.4561	68.88846	491.95
Si	8.4505	53.1958	-44.995	68.89226	486.4
Si	41.2665	11.4363	55.3784	68.90267	508.48
Si	0.993	68.6109	15.5752	68.90324	504.12
Si	5.9646	-60.6534	29.4198	68.90338	480.41
Si	10.9363	-40.7666	-53.6478	68.94294	506.48
Si	-33.809	-55.6816	15.5752	68.97634	505.6
Si	23.8655	65.6251	12.114	68.99433	502.07
Si	66.125	-18.3939	13.8446	69.02511	491.55
Si	56.1816	41.2665	13.8446	69.02511	472.59
Si	-38.2807	56.1816	-13.8446	69.02511	502.86
Si	-56.1816	-36.2948	3.4611	69.03795	503.58
Si	5.9646	-65.6251	15.5752	69.04637	508.24
Si	15.908	3.9787	-67.4924	69.05942	510.44
Si	-65.6251	-13.9222	5.1917	69.06082	496.49
Si	36.2948	-33.309	-48.4561	69.06763	480.78
Si	-58.1675	-33.309	0	69.06906	503.72
Si	31.3231	1.4929	-62.3007	69.074	527.11
Si	23.3656	-56.1816	31.1504	69.10215	507.51
Si	-23.8655	-55.6816	29.4198	69.11949	499.62
Si	20.8798	-15.908	64.0313	69.12776	495.79
Si	3.4788	-56.1816	38.0727	69.13623	500.22
Si	-46.2382	23.3656	44.995	69.14636	487.26
Si	-3.4788	-58.1675	-34.6115	69.15227	493.94
Si	6.4646	61.1533	-34.6115	69.15227	503.23
Si	-38.2807	46.2382	34.6115	69.15227	468.65
Si	41.2665	46.2382	-34.6115	69.15227	475.61
Si	-3.4788	61.1533	-34.6115	69.15227	507.33
Si	63.6392	-18.8939	-22.4975	69.16583	491.4
Si	-18.8939	-60.6534	22.4975	69.16583	503.38
Si	-28.8373	63.6392	1.7306	69.1742	498.99
Si	-65.6251	15.908	-8.6529	69.19168	491.34
Si	38.2807	-56.1816	-10.3835	69.19181	483.47
Si	1.4929	1.4929	-69.223	69.223	506.6
Si	68.1109	-6.4646	-17.3058	69.28758	492.23
Si	15.908	-50.7099	43.2644	69.31623	482.32
Si	38.2807	-36.2948	-44.995	69.32386	480.44
Si	-53.1958	26.3514	34.6115	69.33076	477.81
Si	58.6675	35.7948	19.0363	69.33927	471.57
Si	-15.908	-33.809	-57.109	69.35739	504.11
Si	-1.4929	-51.2099	44.995	69.3617	520.34
Si	58.6675	40.7666	-1.7306	69.38547	473.3
Si	11.4363	56.1816	41.5338	69.38863	471.55
Si	41.2665	31.3231	-48.4561	69.42459	469.02
Si	-51.2099	-31.3231	31.1504	69.46092	506.32
Si	-0.993	60.6534	-36.3421	69.47579	507.89
Si	-48.724	-45.7383	8.6529	69.47946	496.94
Si	8.9505	70.5968	-1.7306	69.52664	504.91
Si	43.7524	35.7948	-43.2644	69.52906	471.15
Si	53.1958	13.4222	-44.995	69.57042	492.58
Si	-63.1392	26.3514	6.9223	69.5929	490.58
Si	-23.3656	-63.1392	-6.9223	69.5929	509.46
Si	66.125	26.3514	-6.9223	69.5929	478.45
Si	71.0967	1.4929	0	69.6038	491.34
Si	31.3231	31.3231	-55.3784	69.61644	479.4
Si	-66.125	-11.4363	-10.3835	69.62155	495.33

Si	0.993	28.8373	64.0313	69.62734	474.1
Si	-31.3231	-31.3231	-51.9173	69.63606	513.15
Si	58.6675	0.993	39.8032	69.66689	480.4
Si	0.993	58.6675	-39.8032	69.66689	505.22
Si	61.1533	11.4363	-34.6115	69.68637	497.62
Si	-28.8373	-60.6534	8.6529	69.6918	510.87
Si	-31.3231	-16.408	-58.8396	69.70957	517.57
Si	-5.9646	55.6816	-43.2644	69.74125	496.5
Si	-6.4646	23.3656	65.7618	69.75928	481.97
Si	-43.7524	-15.908	50.1867	69.77555	514.66
Si	53.1958	48.2241	-3.4611	69.77804	470.69
Si	-68.1109	-3.4788	0	69.78114	496.47
Si	15.908	43.7524	-53.6478	69.7979	483.94
Si	-25.8515	-58.6675	-22.4975	69.80772	489.41
Si	5.9646	-55.6816	-39.8032	69.80847	488.56
Si	-55.6816	5.9646	39.8032	69.80847	507.72
Si	-25.8515	-53.6957	32.8809	69.81873	501.89
Si	-6.4646	38.2807	58.8396	69.8481	466.78
Si	-36.2948	-36.2948	-44.995	69.85962	475.19
Si	-1.4929	-66.125	-17.3058	69.86118	495.84
Si	38.7807	-38.7807	-43.2644	69.88663	481.54
Si	43.7524	-28.8373	46.7255	69.92177	487.02
Si	23.8655	-63.6392	12.114	69.92474	518.18
Si	21.3797	26.3514	-62.3007	69.9629	509.68
Si	-23.8655	13.9222	64.0313	69.98243	474.35
Si	53.1958	-26.3514	38.0727	69.98587	489.29
Si	-36.2948	-1.4929	58.8396	69.99227	477.67
Si	-10.9363	-63.6392	-22.4975	70.02004	492.09
Si	-58.6675	-30.8231	15.5752	70.04413	496.53
Si	-30.8231	60.6534	19.0363	70.04761	469.33
Si	-65.6251	20.8798	5.1917	70.05443	489.46
Si	20.8798	63.6392	-25.9586	70.08464	508.76
Si	63.1392	13.4222	-31.1504	70.09222	494.76
Si	11.4363	-3.4788	-69.223	70.11001	507.32
Si	6.4646	-8.4505	69.223	70.11001	496.71
Si	-3.4788	11.4363	69.223	70.11001	485.35
Si	-68.1109	-3.4788	6.9223	70.12364	495.42
Si	51.2099	-8.4505	48.4561	70.13305	472.29
Si	-8.4505	-48.2241	-48.4561	70.13305	492.03
Si	60.6534	-25.8515	-25.9586	70.15356	490.56
Si	23.3656	68.1109	3.4611	70.20223	499.11
Si	-0.993	-43.7524	53.6478	70.22393	499.8
Si	45.7383	-35.7948	-39.8032	70.2305	468.52
Si	-66.125	-6.4646	-17.3058	70.24949	490.75
Si	-60.6534	15.908	-29.4198	70.25295	501.19
Si	10.9363	28.8373	64.0313	70.26305	481.31
Si	-53.1958	-13.4222	41.5338	70.27354	505.71
Si	-33.309	-43.2524	-41.5338	70.27354	482.18
Si	-13.4222	-53.1958	-41.5338	70.27354	494.57
Si	-11.4363	-56.1816	-38.0727	70.30675	493.89
Si	-56.1816	-11.4363	38.0727	70.30675	504.28
Si	-58.1675	-23.3656	27.6892	70.31358	505.22
Si	-58.1675	-23.3656	-27.6892	70.31358	475.89
Si	-0.993	-68.6109	5.1917	70.33968	512.89
Si	33.309	-61.1533	-3.4611	70.34764	510.94
Si	-23.8655	33.809	57.109	70.3478	465.13
Si	48.2241	48.2241	-24.2281	70.38898	479.29
Si	-58.1675	-33.309	13.8446	70.44295	498.49
Si	55.6816	-10.9363	43.2644	70.44652	474.88
Si	-46.2382	53.1958	3.4611	70.4516	496.35
Si	-28.8373	53.6957	36.3421	70.46845	471.79
Si	58.1675	43.2524	-3.4611	70.48295	470.87

Si	-3.4788	66.125	-27.6892	70.48913	510.62
Si	-11.4363	-51.2099	44.995	70.49323	512.32
Si	-5.9646	-33.809	60.5701	70.50231	509.73
Si	-46.2382	3.4788	51.9173	70.55213	474.2
Si	48.2241	-26.3514	-44.995	70.59501	472.07
Si	26.3514	-63.1392	-13.8446	70.61817	488.53
Si	11.4363	-8.4505	69.223	70.63686	497.76
Si	-8.4505	-8.4505	-69.223	70.63686	504.38
Si	71.0967	-8.4505	-6.9223	70.6504	494.03
Si	-28.3373	-13.4222	62.3007	70.66596	489.32
Si	-68.6109	-0.993	8.6529	70.67948	493.55
Si	-18.3939	-63.1392	-20.7669	70.73936	492.79
Si	21.3797	66.125	-20.7669	70.73936	507.09
Si	55.6816	28.8373	36.3421	70.74518	471.64
Si	28.8373	55.6816	-36.3421	70.74518	483.83
Si	-21.3797	-11.4363	-65.7618	70.81625	525.72
Si	23.3656	-31.3231	-58.8396	70.83359	499.97
Si	-46.2382	8.4505	51.9173	70.86654	474.43
Si	8.4505	-46.2382	51.9173	70.86654	477.02
Si	33.809	-58.6675	19.0363	70.89412	504.82
Si	8.9505	-18.8939	67.4924	70.89754	496.51
Si	5.9646	68.6109	22.4975	70.92921	501.35
Si	-60.6534	10.9363	32.8809	70.94005	492.47
Si	71.0967	1.4929	13.8446	70.96733	481.58
Si	-68.1109	1.4929	13.8446	70.96733	494.67
Si	-3.4788	-13.4222	69.223	70.98593	485.9
Si	-13.4222	6.4646	69.223	70.98593	481.88
Si	-53.1958	-43.2524	-6.9223	70.99939	478.1
Si	51.2099	-13.4222	-48.4561	71.00869	470.94
Si	-18.3939	-38.2807	-55.3784	71.02247	503.89
Si	-0.993	-48.724	-50.1867	71.03959	494.36
Si	50.7099	-30.8231	-39.8032	71.06998	466.96
Si	-36.2948	-56.1816	17.3058	71.08971	508.14
Si	-28.8373	58.6675	29.4198	71.0941	470.54
Si	23.8655	0.993	67.4924	71.10564	492.67
Si	68.1109	-16.408	-17.3058	71.11884	490.9
Si	33.809	55.6816	32.8809	71.14705	480.63
Si	-31.3231	-21.3797	58.8396	71.14871	497.75
Si	63.6392	35.7948	5.1917	71.17397	470.64
Si	23.8655	-43.7524	-50.1867	71.17844	486.73
Si	66.125	31.3231	0	71.18391	471.23
Si	-13.4222	-68.1109	0	71.18391	506.98
Si	-18.8939	68.6109	-12.114	71.1842	500.59
Si	-21.3797	68.1109	10.3835	71.19642	490.11
Si	8.4505	68.1109	-24.2281	71.22756	503.81
Si	43.7524	50.7099	-29.4198	71.22993	479.14
Si	-53.6957	43.7524	15.5752	71.23366	478.9
Si	-65.6251	15.908	19.0363	71.23902	499.53
Si	-46.2382	-26.3514	44.995	71.26085	510.01
Si	-53.1958	-28.3373	34.6115	71.26465	506.46
Si	-28.3373	56.1816	34.6115	71.26465	470.5
Si	5.9646	-35.7948	-60.5701	71.2679	502.24
Si	5.9646	38.7807	-60.5701	71.2679	493.38
Si	18.3939	-51.2099	44.995	71.32864	481.93
Si	-41.2665	53.1958	24.2281	71.33411	469.17
Si	-55.6816	-13.9222	39.8032	71.35019	505.01
Si	1.4929	36.2948	-62.3007	71.3621	496.01
Si	36.2948	1.4929	-62.3007	71.3621	526.72
Si	40.7666	48.724	36.3421	71.3719	481.88
Si	-10.9363	-58.6675	-36.3421	71.37577	494.62
Si	-68.6109	13.9222	-5.1917	71.38612	491.13
Si	-68.6109	-10.9363	-5.1917	71.38612	495.39

Si	-65.6251	10.9363	-22.4975	71.41522	496.06
Si	63.6392	20.8798	-29.4198	71.43899	479.32
Si	-20.8798	-63.6392	19.0363	71.44999	503.4
Si	-41.2665	-41.2665	-38.0727	71.45809	469.2
Si	28.3373	63.1392	24.2281	71.46948	506.17
Si	63.1392	28.3373	24.2281	71.46948	476.18
Si	56.1816	-18.3939	-41.5338	71.49402	473.48
Si	11.4363	-13.4222	69.223	71.50633	496.11
Si	-60.6534	35.7948	-8.6529	71.50981	502.15
Si	-0.993	-63.6392	-29.4198	71.51145	494.32
Si	-68.1109	16.408	-6.9223	71.5197	491.27
Si	-63.1392	-28.3373	6.9223	71.5197	501.44
Si	36.2948	6.4646	62.3007	71.53508	508.56
Si	35.7948	-55.6816	-25.9586	71.55	472.79
Si	-8.9505	-65.6251	22.4975	71.55431	505.06
Si	20.8798	-45.7383	50.1867	71.59143	482.76
Si	-31.3231	38.2807	51.9173	71.59353	469.87
Si	38.7807	50.7099	-36.3421	71.64804	479.77
Si	71.0967	11.4363	13.8446	71.66054	482.52
Si	-60.6534	-33.809	5.1917	71.66122	500.5
Si	8.9505	60.6534	39.8032	71.69289	470.3
Si	58.1675	23.3656	38.0727	71.69346	471.76
Si	-11.4363	-46.2382	-51.9173	71.69953	493.05
Si	3.4788	73.0826	3.4611	71.70083	498.17
Si	-38.2807	-33.309	48.4561	71.7015	501.44
Si	70.5968	3.9787	-19.0363	71.72102	480.97
Si	63.6392	-28.8373	19.0363	71.72487	485.28
Si	23.8655	10.9363	67.4924	71.72824	483.43
Si	-8.9505	-0.993	70.9536	71.76109	488.11
Si	-58.1675	21.3797	-34.6115	71.78304	495.67
Si	50.7099	48.724	22.4975	71.82782	467.43
Si	5.9646	58.6675	43.2644	71.83823	468.65
Si	3.9787	-68.6109	-15.5752	71.85612	497.03
Si	-0.993	-68.6109	-15.5752	71.85612	494.05
Si	-46.2382	-51.2099	-10.3835	71.85861	498.15
Si	30.8231	43.7524	50.1867	71.86673	475.1
Si	30.8231	33.809	57.109	71.87507	467.86
Si	66.125	16.408	27.6892	71.87809	468.96
Si	-18.3939	31.3231	62.3007	71.87978	465.78
Si	31.3231	-18.3939	62.3007	71.87978	483.38
Si	-8.9505	-35.7948	-60.5701	71.89006	497.47
Si	-30.8231	-33.809	53.6478	71.89323	500.56
Si	70.5968	13.9222	15.5752	71.91951	483.48
Si	25.8515	68.6109	8.6529	71.92379	500.59
Si	-38.7807	48.724	36.3421	71.92696	468.46
Si	-45.7383	-38.7807	-36.3421	71.92696	467.08
Si	53.6957	50.7099	5.1917	71.93337	468.9
Si	-36.2948	18.3939	58.8396	71.94197	470.63
Si	23.3656	53.1958	-44.995	71.94547	479.32
Si	-33.809	63.6392	8.6529	71.99479	489.71
Si	-43.2524	56.1816	13.8446	72.00464	472.21
Si	41.2665	-58.1675	6.9223	72.03625	500.41
Si	36.2948	-8.4505	62.3007	72.05151	487.63
Si	-11.4363	68.1109	24.2281	72.05637	473.43
Si	-65.6251	5.9646	25.9586	72.10177	499.06
Si	43.7524	40.7666	-43.2644	72.11163	471
Si	-20.8798	-58.6675	32.8809	72.11767	501.39
Si	-58.1675	-33.309	-20.7669	72.1235	474.59
Si	-20.8798	-48.724	46.7255	72.14951	507.85
Si	5.9646	13.9222	70.9536	72.17266	487.06
Si	-36.2948	-16.408	-58.8396	72.18341	518.11
Si	-18.3939	-3.4788	-69.223	72.19437	510.88

Si	21.3797	6.4646	-69.223	72.19437	508.36
Si	-50.7099	-38.7807	-29.4198	72.19848	468.23
Si	-18.3939	51.2099	48.4561	72.21675	477.76
Si	-18.3939	-48.2241	48.4561	72.21675	508.52
Si	-10.9363	-68.6109	12.114	72.22031	510.31
Si	-58.1675	-28.3373	-27.6892	72.22116	474.31
Si	-28.3373	61.1533	27.6892	72.22116	469.31
Si	73.5825	5.9646	-1.7306	72.24894	489.24
Si	5.9646	-70.5968	1.7306	72.24895	506.78
Si	-68.6109	-15.908	1.7306	72.25182	498.18
Si	-65.6251	-23.8655	-8.6529	72.26854	482.38
Si	-23.8655	68.6109	8.6529	72.26855	489.93
Si	65.6251	28.8373	-19.0363	72.27052	476.78
Si	45.7383	28.8373	50.1867	72.2777	479.76
Si	45.7383	3.9787	57.109	72.28599	496.29
Si	-23.3656	-63.1392	20.7669	72.29466	501.74
Si	66.125	-23.3656	20.7669	72.29466	486.53
Si	-40.7666	55.6816	-22.4975	72.3078	493.14
Si	-58.6675	-25.8515	29.4198	72.33605	506.56
Si	-61.1533	33.309	17.3058	72.36228	498.25
Si	3.4788	73.0826	-10.3835	72.36605	514.19
Si	-10.9363	60.6534	39.8032	72.37915	457.92
Si	31.3231	46.2382	48.4561	72.38768	474.01
Si	-23.8655	53.6957	43.2644	72.38781	475.43
Si	-23.8655	-50.7099	43.2644	72.38781	504.32
Si	-68.1109	-18.3939	0	72.38905	498.13
Si	73.0826	-1.4929	-10.3835	72.40039	492.03
Si	-26.3514	13.4222	-65.7618	72.40327	508.26
Si	-58.6675	18.8939	36.3421	72.40723	486.33
Si	-65.6251	20.8798	19.0363	72.40892	495.73
Si	0.993	53.6957	50.1867	72.41609	468.28
Si	-25.8515	-38.7807	53.6478	72.44143	494.95
Si	-5.9646	65.6251	32.8809	72.45483	460.55
Si	51.2099	-38.2807	-34.6115	72.46844	466.31
Si	33.809	-8.9505	-64.0313	72.4803	498.3
Si	63.1392	3.4788	-38.0727	72.48267	485.17
Si	15.908	-40.7666	57.109	72.49201	479.38
Si	-33.809	28.8373	57.109	72.49392	467.79
Si	-13.4222	-68.1109	13.8446	72.51774	511.38
Si	66.125	31.3231	13.8446	72.51774	473.4
Si	-31.3231	58.1675	31.1504	72.52065	470.73
Si	28.3373	-31.3231	58.8396	72.52313	488.68
Si	-31.3231	28.3373	-58.8396	72.52313	472.37
Si	28.3373	68.1109	10.3835	72.56994	500.93
Si	41.2665	26.3514	-55.3784	72.5717	468.11
Si	38.2807	-56.1816	24.2281	72.57196	500.07
Si	-28.8373	-55.6816	-32.8809	72.59478	492.4
Si	-50.7099	-3.9787	-50.1867	72.62079	484.08
Si	-10.9363	10.9363	-70.9536	72.65037	501.53
Si	10.9363	-10.9363	70.9536	72.65037	495.38
Si	-43.7524	53.6957	22.4975	72.65264	469.59
Si	-51.2099	23.3656	44.995	72.66736	484.96
Si	73.0826	8.4505	10.3835	72.67262	483.59
Si	35.7948	63.6392	15.5752	72.67301	478.14
Si	1.4929	-58.1675	-41.5338	72.69402	484.9
Si	21.3797	-68.1109	6.9223	72.71927	502.39
Si	16.408	46.2382	55.3784	72.7418	469.7
Si	16.408	-43.2524	55.3784	72.7418	479.12
Si	-1.4929	3.4788	72.6842	72.77255	490.13
Si	45.7383	58.6675	8.6529	72.81107	469.54
Si	48.724	-53.6957	5.1917	72.82529	490.09
Si	65.6251	-30.8231	-12.114	72.82863	484.11

Si	-56.1816	33.309	31.1504	72.86259	472.04
Si	-43.2524	41.2665	-41.5338	72.86383	471.77
Si	46.2382	-38.2807	41.5338	72.86383	468.85
Si	61.1533	-3.4788	-41.5338	72.86383	482.66
Si	-43.2524	41.2665	41.5338	72.86383	469.38
Si	68.1109	18.3939	24.2281	72.87387	473.51
Si	18.3939	68.1109	24.2281	72.87387	493.83
Si	-10.9363	-68.6109	-15.5752	72.88079	494.18
Si	-26.3514	68.1109	10.3835	72.94573	489.49
Si	60.6534	23.8655	36.3421	72.94684	468.04
Si	-48.724	-50.7099	8.6529	72.95034	498.17
Si	18.8939	-28.8373	-64.0313	72.95694	498.22
Si	61.1533	41.2665	-13.8446	73.02723	461.43
Si	61.1533	-38.2807	-13.8446	73.02723	472.29
Si	-23.3656	56.1816	-41.5338	73.03325	484.79
Si	-53.6957	-40.7666	22.4975	73.06014	492.38
Si	-41.2665	8.4505	58.8396	73.06755	474.52
Si	-38.2807	56.1816	-27.6892	73.07178	492.75
Si	-65.6251	25.8515	-15.5752	73.0804	505
Si	-1.4929	33.309	65.7618	73.11498	473.02
Si	35.7948	-20.8798	-60.5701	73.11566	466.76
Si	13.4222	43.2524	58.8396	73.13178	468.7
Si	-45.7383	-33.809	-43.2644	73.13554	460.19
Si	-33.809	-60.6534	15.5752	73.15028	505.53
Si	-45.7383	-53.6957	-8.6529	73.15354	498.07
Si	-30.8231	15.908	-64.0313	73.15823	509.74
Si	-0.993	-33.809	-64.0313	73.16012	495.86
Si	-8.9505	53.6957	50.1867	73.16354	463.27
Si	-46.2382	-51.2099	17.3058	73.18013	504.27
Si	50.7099	-5.9646	-53.6478	73.18485	474.74
Si	5.9646	18.8939	70.9536	73.1929	485.39
Si	5.9646	-15.908	70.9536	73.1929	494.75
Si	40.7666	48.724	-39.8032	73.19493	478.72
Si	48.2241	23.3656	51.9173	73.19577	477.67
Si	23.3656	-36.2948	58.8396	73.26949	486.04
Si	-35.7948	-58.6675	19.0363	73.29411	506.84
Si	3.4788	53.1958	-51.9173	73.29758	477.83
Si	-56.1816	-31.3231	31.1504	73.30472	507.42
Si	51.2099	51.2099	20.7669	73.31319	466.97
Si	71.0967	-8.4505	-20.7669	73.31319	489.76
Si	13.4222	73.0826	10.3835	73.31582	500.17
Si	-58.1675	-8.4505	-41.5338	73.37091	470.41
Si	-71.0967	-1.4929	-10.3835	73.38924	494.14
Si	18.8939	60.6534	39.8032	73.39651	467.8
Si	66.125	36.2948	0	73.40627	469.42
Si	-55.6816	-43.7524	-8.6529	73.42298	475.77
Si	68.6109	30.8231	5.1917	73.4305	469.4
Si	63.1392	13.4222	38.0727	73.43093	468.6
Si	56.1816	-33.309	34.6115	73.48457	485.95
Si	-53.1958	-33.309	-34.6115	73.48457	464.91
Si	73.0826	-11.4363	10.3835	73.48514	493.12
Si	-65.6251	-3.9787	-29.4198	73.48661	478.51
Si	48.2241	-21.3797	-51.9173	73.50076	466.08
Si	-48.724	3.9787	-53.6478	73.52558	495.01
Si	-35.7948	55.6816	32.8809	73.53878	470.61
Si	51.2099	-33.309	-41.5338	73.53917	466.99
Si	43.7524	-58.6675	-1.7306	73.53995	490.96
Si	1.4929	-23.3656	-69.223	73.55113	507
Si	-31.3231	-1.4929	-65.7618	73.5556	509.25
Si	-53.6957	-30.8231	36.3421	73.55856	506.59
Si	-8.9505	28.8373	-67.4924	73.56632	486.36
Si	-63.6392	23.8655	-25.9586	73.59735	496.19

Si	53.1958	28.3373	-44.995	73.60949	483.41
Si	55.6816	18.8939	-46.7255	73.63754	487.74
Si	23.8655	-43.7524	53.6478	73.65974	482.07
Si	-43.7524	-20.8798	-53.6478	73.65974	482.1
Si	3.4788	13.4222	-72.6842	73.68336	497.93
Si	-68.6109	-10.9363	-19.0363	73.69807	491
Si	23.8655	20.8798	67.4924	73.69947	478.56
Si	21.3797	71.0967	-13.8446	73.70106	500.11
Si	-58.6675	43.7524	-5.1917	73.70267	502.62
Si	-46.2382	48.2241	-31.1504	73.70487	484.49
Si	60.6534	-40.7666	-12.114	73.70597	472.66
Si	26.3514	6.4646	-69.223	73.71897	506.34
Si	-23.3656	6.4646	-69.223	73.71897	510.6
Si	-3.4788	-23.3656	69.223	73.71897	485.96
Si	-71.0967	-6.4646	-10.3835	73.75899	494.65
Si	70.5968	18.8939	-19.0363	73.75987	479.61
Si	-55.6816	30.8231	-36.3421	73.82371	482.36
Si	68.6109	-28.8373	5.1917	73.83558	472.33
Si	-70.5968	-8.9505	12.114	73.84262	494.8
Si	-11.4363	3.4788	-72.6842	73.85184	497.95
Si	-48.724	8.9505	-53.6478	73.86099	496.29
Si	-50.7099	30.8231	-43.2644	73.87291	481.72
Si	23.8655	30.8231	-64.0313	73.89724	504.51
Si	-13.9222	73.5825	-5.1917	73.90193	490.87
Si	73.5825	-13.9222	5.1917	73.90193	492.21
Si	-53.1958	-48.2241	0	73.90963	490.65
Si	20.8798	-5.9646	70.9536	73.93156	491.52
Si	11.4363	-63.1392	34.6115	73.9874	482.83
Si	5.9646	43.7524	-60.5701	73.99053	492.1
Si	-3.9787	-55.6816	-46.7255	74.04149	485.28
Si	21.3797	36.2948	62.3007	74.08127	474.15
Si	-51.2099	43.2524	31.1504	74.10658	466.18
Si	-0.993	-58.6675	-43.2644	74.14346	486.4
Si	25.8515	53.6957	-46.7255	74.17379	479.82
Si	70.5968	8.9505	-25.9586	74.1944	478.44
Si	-53.1958	-48.2241	6.9223	74.23309	496.22
Si	43.2524	43.2524	44.995	74.24458	463.33
Si	38.7807	-58.6675	-22.4975	74.2683	473.17
Si	73.0826	18.3939	-10.3835	74.28691	480.8
Si	-51.2099	8.4505	-51.9173	74.30608	495.46
Si	58.1675	18.3939	-44.995	74.3115	487.41
Si	28.3373	-51.2099	-44.995	74.31522	466.29
Si	23.3656	28.3373	65.7618	74.32131	476.54
Si	33.309	-61.1533	24.2281	74.32233	502.45
Si	-25.8515	70.5968	-1.7306	74.33742	491.5
Si	-63.6392	-30.8231	15.5752	74.3579	494.59
Si	65.6251	38.7807	-5.1917	74.36574	468.26
Si	-38.7807	-35.7948	50.1867	74.37094	500.43
Si	63.1392	18.3939	38.0727	74.40052	467.68
Si	18.3939	63.1392	-38.0727	74.40052	485.14
Si	28.3373	38.2807	58.8396	74.40468	466.2
Si	-38.2807	-28.3373	55.3784	74.42142	495.99
Si	-61.1533	-11.4363	-38.0727	74.43949	470.78
Si	58.1675	43.2524	-24.2281	74.45042	456.32
Si	-11.4363	-71.0967	-10.3835	74.45959	495.51
Si	-66.125	3.4788	-31.1504	74.47462	478.55
Si	48.2241	-51.2099	-24.2281	74.48751	464.5
Si	-48.724	-10.9363	-53.6478	74.52729	481.82
Si	-65.6251	20.8798	25.9586	74.52865	492.59
Si	43.2524	63.1392	-3.4611	74.53926	463.99
Si	0.993	-70.5968	-19.0363	74.5624	494.73
Si	16.408	-53.1958	-48.4561	74.57418	477.23

Si	46.2382	-33.309	-48.4561	74.57418	467.94
Si	-13.4222	-53.1958	48.4561	74.57418	510.72
Si	66.125	-23.3656	-27.6892	74.57845	487.53
Si	-23.3656	-63.1392	-27.6892	74.57845	488.6
Si	66.125	26.3514	-27.6892	74.57845	479.52
Si	-48.2241	6.4646	55.3784	74.5873	474.01
Si	-8.9505	-40.7666	-60.5701	74.58998	496.32
Si	-40.7666	-8.9505	60.5701	74.58998	477.93
Si	58.6675	-38.7807	25.9586	74.59717	478.13
Si	13.9222	20.8798	-70.9536	74.59723	493.84
Si	75.5684	3.9787	8.6529	74.62063	486.46
Si	63.1392	-16.408	-38.0727	74.63401	479.6
Si	-13.9222	-15.908	70.9536	74.66477	484.56
Si	18.3939	-41.2665	-58.8396	74.67331	485.97
Si	-41.2665	18.3939	-58.8396	74.67331	485.82
Si	-26.3514	23.3656	65.7618	74.68829	468.24
Si	10.9363	38.7807	64.0313	74.69644	470.37
Si	36.2948	66.125	13.8446	74.70043	480.32
Si	-33.309	-63.1392	13.8446	74.70043	509.17
Si	76.0684	6.4646	0	74.74105	487.92
Si	43.7524	55.6816	-29.4198	74.75162	480
Si	55.6816	43.7524	29.4198	74.75162	454.32
Si	30.8231	63.6392	29.4198	74.75255	502.99
Si	-3.9787	73.5825	-19.0363	74.76121	498.88
Si	73.5825	-3.9787	19.0363	74.76121	472.03
Si	35.7948	48.724	-46.7255	74.77085	473.55
Si	-26.3514	38.2807	58.8396	74.77125	463.93
Si	38.2807	-26.3514	-58.8396	74.77125	466.98
Si	-40.7666	-38.7807	46.7255	74.77362	499.81
Si	28.8373	35.7948	60.5701	74.78688	467.46
Si	33.309	-66.125	3.4611	74.80925	502.74
Si	-13.4222	66.125	-34.6115	74.81794	482.51
Si	-13.4222	66.125	34.6115	74.81794	458.95
Si	-13.4222	-63.1392	-34.6115	74.81794	492.96
Si	16.408	-63.1392	34.6115	74.81794	483.26
Si	-8.9505	-45.7383	57.109	74.8417	500.87
Si	-66.125	-6.4646	31.1504	74.8722	468.46
Si	-73.0826	1.4929	-6.9223	74.89608	491.26
Si	1.4929	71.0967	-27.6892	74.90915	502.84
Si	5.9646	8.9505	-74.4147	74.92105	499.1
Si	8.9505	5.9646	74.4147	74.92105	490.31
Si	75.5684	8.9505	8.6529	74.95115	484.25
Si	18.3939	33.309	65.7618	74.98352	473.92
Si	-31.3231	68.1109	10.3835	74.98442	490.32
Si	-3.9787	-5.9646	-74.4147	74.98737	498.69
Si	-48.724	43.7524	36.3421	75.02233	464.66
Si	33.809	-3.9787	67.4924	75.02995	488.03
Si	18.3939	-56.1816	44.995	75.07688	480.61
Si	11.4363	-48.2241	55.3784	75.08274	478.27
Si	51.2099	-8.4505	55.3784	75.08274	469.47
Si	11.4363	51.2099	-55.3784	75.08274	471.15
Si	-48.2241	11.4363	55.3784	75.08274	474.14
Si	-8.4505	-48.2241	-55.3784	75.08274	494.7
Si	-66.125	23.3656	-24.2281	75.08391	496.25
Si	-41.2665	63.1392	-3.4611	75.10401	458.59
Si	-5.9646	-68.6109	25.9586	75.12657	503.79
Si	-28.3373	61.1533	34.6115	75.14759	470.73
Si	-40.7666	-58.6675	-15.5752	75.15128	479.22
Si	-61.1533	-36.2948	-17.3058	75.17942	473.21
Si	-61.1533	-36.2948	17.3058	75.17942	494.07
Si	-36.2948	-61.1533	-17.3058	75.17942	478.37
Si	-35.7948	25.8515	60.5701	75.18282	467.84

Si	-60.6534	15.908	39.8032	75.19474	486.74
Si	56.1816	51.2099	-13.8446	75.19513	459.33
Si	71.0967	26.3514	13.8446	75.19513	473.3
Si	51.2099	56.1816	-13.8446	75.19513	461.25
Si	-35.7948	-63.6392	5.1917	75.22974	502.74
Si	-31.3231	-66.125	-3.4611	75.23995	504.09
Si	65.6251	-30.8231	22.4975	75.25554	486.74
Si	-6.4646	-16.408	72.6842	75.27782	485.78
Si	70.5968	28.8373	-12.114	75.29812	478.68
Si	-26.3514	-61.1533	31.1504	75.3007	498.48
Si	-68.1109	-18.3939	20.7669	75.30895	484.14
Si	-68.1109	21.3797	20.7669	75.30895	495.53
Si	10.9363	68.6109	-32.8809	75.33362	502.41
Si	58.6675	-43.7524	19.0363	75.35545	475.13
Si	-18.3939	61.1533	-41.5338	75.36514	476.7
Si	-58.1675	21.3797	41.5338	75.36514	483.98
Si	-21.3797	-66.125	-24.2281	75.38126	489.1
Si	-43.2524	26.3514	-55.3784	75.41123	467.17
Si	73.5825	-18.8939	-8.6529	75.41492	481.4
Si	28.8373	50.7099	-50.1867	75.42369	477.76
Si	-40.7666	-13.9222	60.5701	75.44684	477.91
Si	13.9222	0.993	74.4147	75.44726	490.62
Si	53.6957	10.9363	53.6478	75.44803	468.53
Si	58.1675	48.2241	17.3058	75.46724	466.06
Si	-45.7383	15.908	-57.109	75.49843	481.45
Si	-45.7383	25.8515	53.6478	75.51297	471.98
Si	-8.9505	8.9505	-74.4147	75.51312	500.06
Si	11.4363	-73.0826	-6.9223	75.55326	499.46
Si	11.4363	76.0684	-6.9223	75.55327	502.71
Si	-8.4505	76.0684	6.9223	75.55327	493.59
Si	-6.4646	48.2241	58.8396	75.55938	458.75
Si	53.1958	33.309	44.995	75.56454	475.82
Si	11.4363	71.0967	-27.6892	75.56621	503.75
Si	26.3514	-33.309	62.3007	75.56781	487.06
Si	3.4788	73.0826	-24.2281	75.60441	503.62
Si	73.0826	3.4788	24.2281	75.60441	473.44
Si	58.6675	50.7099	5.1917	75.61879	468.84
Si	73.0826	-1.4929	24.2281	75.63728	472.36
Si	-56.1816	-36.2948	-31.1504	75.6611	464.88
Si	28.8373	65.6251	-29.4198	75.67146	492.31
Si	-38.7807	63.6392	15.5752	75.67497	464.37
Si	30.8231	-65.6251	-19.0363	75.68002	483.35
Si	-13.9222	38.7807	64.0313	75.68358	460.35
Si	-53.6957	-20.8798	-46.7255	75.6941	470.74
Si	48.724	-13.9222	-57.109	75.69571	466.28
Si	45.7383	-55.6816	22.4975	75.7147	497.21
Si	58.6675	45.7383	-22.4975	75.7147	457.45
Si	-23.8655	-5.9646	70.9536	75.71708	476.72
Si	-23.8655	8.9505	70.9536	75.71708	474.64
Si	58.6675	25.8515	-43.2644	75.72367	483.75
Si	-28.3373	-68.1109	0	75.72668	504.64
Si	-68.1109	31.3231	0	75.72668	483.39
Si	-71.0967	-11.4363	-17.3058	75.73575	489.6
Si	55.6816	53.6957	8.6529	75.73923	468.96
Si	50.7099	-5.9646	57.109	75.75861	470.26
Si	3.4788	-46.2382	58.8396	75.79112	481.04
Si	65.6251	38.7807	15.5752	75.80168	469
Si	3.9787	15.908	74.4147	75.83883	486.37
Si	70.5968	18.8939	-25.9586	75.84185	480.61
Si	-38.7807	58.6675	29.4198	75.87102	468.54
Si	18.3939	-51.2099	51.9173	75.88564	480.96
Si	51.2099	16.408	55.3784	75.9013	471.5

Si	16.408	-48.2241	-55.3784	75.9013	481.16
Si	23.3656	3.4788	-72.6842	75.92987	505.71
Si	43.7524	-58.6675	19.0363	75.94413	497.19
Si	-58.6675	-40.7666	-19.0363	75.94413	474.69
Si	53.1958	-31.3231	-44.995	75.99096	466.22
Si	25.8515	63.6392	36.3421	76.00159	477
Si	-38.7807	8.9505	64.0313	76.01038	473.73
Si	-38.2807	-48.2241	41.5338	76.01826	484.35
Si	-28.3373	11.4363	69.223	76.02984	473.16
Si	31.3231	11.4363	69.223	76.02984	479.5
Si	-33.809	-60.6534	-25.9586	76.04096	483.09
Si	13.9222	25.8515	-70.9536	76.04101	492.62
Si	0.993	28.8373	70.9536	76.04192	473.5
Si	-25.8515	0.993	-70.9536	76.04192	508.16
Si	-68.1109	31.3231	-6.9223	76.04241	483.79
Si	-56.1816	33.309	38.0727	76.07982	473.53
Si	50.7099	-40.7666	-39.8032	76.10831	465.01
Si	-30.8231	-63.6392	-22.4975	76.10944	483.96
Si	25.8515	73.5825	1.7306	76.11341	498.57
Si	-70.5968	25.8515	-1.7306	76.11342	481.22
Si	58.6675	-48.724	-1.7306	76.11614	469.99
Si	-13.9222	73.5825	-19.0363	76.13753	493.16
Si	68.1109	-26.3514	-24.2281	76.15945	486.38
Si	15.908	-5.9646	-74.4147	76.16406	496.88
Si	66.125	41.2665	6.9223	76.20476	467.05
Si	5.9646	58.6675	50.1867	76.20779	465.33
Si	-58.6675	3.9787	-46.7255	76.21497	478.84
Si	-58.6675	-0.993	-46.7255	76.21497	479.44
Si	-20.8798	-43.7524	-57.109	76.21747	497.36
Si	8.4505	23.3656	-72.6842	76.2221	493.3
Si	-11.4363	48.2241	58.8396	76.24344	456.48
Si	-21.3797	-41.2665	58.8396	76.24706	494.39
Si	-21.3797	-1.4929	72.6842	76.25652	477.81
Si	20.8798	73.5825	15.5752	76.25847	492.51
Si	-6.4646	-36.2948	65.7618	76.26174	501.47
Si	75.5684	-15.908	-5.1917	76.26883	481.1
Si	-63.1392	-33.309	-20.7669	76.28725	475.77
Si	13.4222	38.2807	-65.7618	76.2907	483.62
Si	50.7099	-50.7099	-25.9586	76.29748	464.6
Si	-50.7099	50.7099	25.9586	76.29748	465.59
Si	63.6392	20.8798	39.8032	76.30402	465.34
Si	6.4646	1.4929	76.1453	76.30743	489.74
Si	3.4788	63.1392	44.995	76.34629	464.27
Si	16.408	-73.0826	-6.9223	76.36677	499.71
Si	71.0967	-13.4222	-27.6892	76.37959	478.88
Si	16.408	-68.1109	27.6892	76.37959	482.89
Si	40.7666	43.7524	50.1867	76.46556	465.22
Si	63.1392	-31.3231	-31.1504	76.46895	484.73
Si	-71.0967	18.3939	-17.3058	76.51394	490.68
Si	8.4505	-21.3797	72.6842	76.51503	493.76
Si	-33.809	8.9505	-67.4924	76.53145	504.61
Si	-18.3939	41.2665	-62.3007	76.54281	456.47
Si	41.2665	36.2948	-55.3784	76.54984	454.43
Si	-38.2807	-33.309	55.3784	76.54984	497.3
Si	-45.7383	-43.7524	39.8032	76.56507	488.9
Si	-48.724	-55.6816	8.6529	76.58684	497.15
Si	-23.8655	-70.5968	-5.1917	76.59585	505.4
Si	-18.8939	58.6675	-46.7255	76.60172	475.28
Si	13.9222	-43.7524	60.5701	76.61827	476.94
Si	-58.6675	38.7807	29.4198	76.64964	469
Si	-38.7807	-10.9363	64.0313	76.658	478.81
Si	60.6534	48.724	-12.114	76.66479	460.84

Si	3.4788	78.0543	3.4611	76.66533	497.8
Si	78.0543	3.4788	-3.4611	76.66533	486.65
Si	68.1109	23.3656	-31.1504	76.72495	478.02
Si	-23.8655	53.6957	50.1867	76.72607	472.77
Si	53.6957	-23.8655	-50.1867	76.72607	464.12
Si	-16.408	18.3939	72.6842	76.74029	461.64
Si	26.3514	-68.1109	-20.7669	76.77173	483.72
Si	11.4363	1.4929	-76.1453	76.79178	496.59
Si	1.4929	11.4363	76.1453	76.79178	487.53
Si	-61.1533	-21.3797	38.0727	76.79342	502.45
Si	38.2807	68.1109	-10.3835	76.8057	461.74
Si	68.1109	38.2807	-10.3835	76.8057	466.01
Si	45.7383	-55.6816	-25.9586	76.81426	465.85
Si	1.4929	-63.1392	41.5338	76.82685	473.34
Si	31.3231	16.408	69.223	76.8383	478.7
Si	-28.3373	16.408	69.223	76.8383	472.73
Si	31.3231	-13.4222	-69.223	76.8383	490.01
Si	1.4929	61.1533	48.4561	76.85933	464.15
Si	-40.7666	30.8231	-57.109	76.86065	465.48
Si	-18.8939	-45.7383	57.109	76.86245	494.31
Si	-58.1675	-38.2807	27.6892	76.86348	493.19
Si	43.7524	-3.9787	-64.0313	76.91426	489.06
Si	8.4505	78.0543	3.4611	76.95477	496.53
Si	33.809	-38.7807	-57.109	76.99169	469.64
Si	-3.9787	48.724	-60.5701	77.00299	469.01
Si	10.9363	-15.908	-74.4147	77.0034	491.71
Si	-43.2524	-38.2807	-48.4561	77.01996	461.04
Si	50.7099	58.6675	15.5752	77.03138	463.03
Si	51.2099	-18.3939	-55.3784	77.03267	467.34
Si	65.6251	23.8655	36.3421	77.03386	467.25
Si	-73.5825	-5.9646	15.5752	77.03586	492.61
Si	-65.6251	-8.9505	-36.3421	77.03655	471.83
Si	-10.9363	-48.724	-57.109	77.05623	495.06
Si	8.9505	30.8231	-70.9536	77.13812	490.64
Si	41.2665	-63.1392	-13.8446	77.14221	469.64
Si	53.1958	-41.2665	-38.0727	77.14326	465.76
Si	48.2241	43.2524	44.995	77.15054	463.21
Si	-23.3656	-53.1958	-48.4561	77.18026	478.08
Si	-53.1958	-23.3656	48.4561	77.18026	499.4
Si	-18.3939	-73.0826	0	77.18154	504.16
Si	5.9646	78.5542	1.7306	77.21038	496.77
Si	-75.5684	0.993	5.1917	77.23766	490.91
Si	45.7383	-25.8515	57.109	77.24506	463.78
Si	78.0543	3.4788	10.3835	77.28783	482.91
Si	50.7099	48.724	36.3421	77.29066	447.59
Si	-3.9787	-35.7948	-67.4924	77.30163	494.87
Si	76.0684	16.408	13.8446	77.30226	483.81
Si	11.4363	-43.2524	62.3007	77.34591	478.06
Si	-28.3373	36.2948	-62.3007	77.34591	469.03
Si	-68.6109	33.809	-5.1917	77.36807	484.31
Si	23.8655	75.5684	-1.7306	77.39973	498.3
Si	65.6251	3.9787	43.2644	77.40102	465.85
Si	-58.1675	-43.2524	-20.7669	77.41298	473.18
Si	78.5542	-3.9787	5.1917	77.42961	486.24
Si	11.4363	11.4363	76.1453	77.43287	488.21
Si	-35.7948	50.7099	46.7255	77.43364	462.42
Si	18.3939	73.0826	-24.2281	77.445	502.51
Si	3.9787	-68.6109	32.8809	77.47175	474.83
Si	-73.0826	21.3797	6.9223	77.49134	483.8
Si	61.1533	11.4363	48.4561	77.49986	462.68
Si	3.4788	28.3373	72.6842	77.5084	474.07
Si	73.0826	-26.3514	-10.3835	77.51262	478.36

Si	53.1958	-56.1816	-3.4611	77.53398	465.15
Si	-36.2948	-66.125	3.4611	77.53754	501.57
Si	-61.1533	-6.4646	44.995	77.53976	481.46
Si	0.993	78.5542	8.6529	77.54724	495.53
Si	33.809	-18.8939	67.4924	77.55755	481.17
Si	-73.0826	6.4646	-20.7669	77.57246	483.59
Si	23.3656	-66.125	31.1504	77.59471	485.94
Si	-30.8231	65.6251	-29.4198	77.60659	467.85
Si	-25.8515	35.7948	-64.0313	77.61663	466.59
Si	-13.9222	58.6675	50.1867	77.62252	461.51
Si	6.4646	-33.309	-69.223	77.63835	490.67
Si	70.5968	28.8373	22.4975	77.64788	471.05
Si	-1.4929	-66.125	-38.0727	77.65708	486.15
Si	10.9363	-75.5684	1.7306	77.6571	500.66
Si	-48.2241	-33.309	-48.4561	77.65917	459.16
Si	-66.125	38.2807	-10.3835	77.67457	494.37
Si	-68.6109	33.809	8.6529	77.67713	474.18
Si	48.724	-38.7807	46.7255	77.69179	468.95
Si	-41.2665	48.2241	-44.995	77.69631	462.25
Si	-20.8798	0.993	74.4147	77.70674	476.4
Si	43.2524	-56.1816	-31.1504	77.72096	464.94
Si	1.4929	-68.1109	34.6115	77.73445	473.91
Si	-3.9787	78.5542	8.6529	77.73843	494.71
Si	6.4646	16.408	-76.1453	77.75143	497.74
Si	23.3656	18.3939	72.6842	77.76275	478.73
Si	25.8515	-40.7666	-60.5701	77.76851	478.67
Si	-15.908	15.908	74.4147	77.7698	461.28
Si	-73.5825	-5.9646	-19.0363	77.80951	488.2
Si	78.5542	10.9363	5.1917	77.81121	482.84
Si	-75.5684	10.9363	5.1917	77.81121	483.13
Si	68.1109	-11.4363	-38.0727	77.81162	477.04
Si	-41.2665	-51.2099	-38.0727	77.81695	461.12
Si	-71.0967	-26.3514	3.4611	77.82374	492.01
Si	28.3373	-6.4646	72.6842	77.8905	489.65
Si	-8.9505	78.5542	-5.1917	77.93888	490.16
Si	-18.3939	-28.3373	-69.223	77.95607	473.04
Si	21.3797	31.3231	-69.223	77.95607	494.39
Si	13.9222	-53.6957	53.6478	77.96385	480.33
Si	73.5825	15.908	25.9586	77.96515	470.27
Si	-58.1675	-48.2241	6.9223	77.96834	493.83
Si	56.1816	6.4646	55.3784	77.98935	465.49
Si	-3.4788	56.1816	-55.3784	77.98935	472.4
Si	-70.5968	5.9646	-29.4198	77.98999	478.54
Si	-23.8655	-70.5968	15.5752	77.99074	498.04
Si	18.8939	-48.724	-57.109	78.01263	481.09
Si	63.1392	-46.2382	3.4611	78.04168	469.02
Si	-61.1533	13.4222	-44.995	78.04742	476.28
Si	-45.7383	-58.6675	-15.5752	78.05533	479.61
Si	60.6534	-45.7383	-19.0363	78.05845	467.37
Si	-33.809	-25.8515	64.0313	78.06368	478.8
Si	-56.1816	48.2241	24.2281	78.08426	465.05
Si	28.3373	-71.0967	10.3835	78.08769	499.81
Si	11.4363	36.2948	69.223	78.11445	467.83
Si	70.5968	-0.993	36.3421	78.11703	461.76
Si	-63.6392	-40.7666	8.6529	78.12117	491.47
Si	-68.1109	-33.309	6.9223	78.12669	495.11
Si	46.2382	-13.4222	62.3007	78.14077	463.45
Si	-10.9363	-18.8939	74.4147	78.15151	485.04
Si	43.2524	8.4505	-65.7618	78.21052	480.88
Si	-70.5968	-18.8939	-22.4975	78.22196	481.68
Si	-8.4505	16.408	76.1453	78.22684	469.07
Si	11.4363	-13.4222	-76.1453	78.22684	490.6

Si	-13.4222	-63.1392	41.5338	78.26126	490.65
Si	-58.1675	16.408	-48.4561	78.29315	476.97
Si	61.1533	16.408	-48.4561	78.29315	488.44
Si	-70.5968	30.8231	-8.6529	78.30744	483.1
Si	-35.7948	-23.8655	-64.0313	78.31622	490.77
Si	75.5684	23.8655	-12.114	78.32287	479.52
Si	-45.7383	-23.8655	-57.109	78.32795	478.35
Si	-11.4363	78.0543	10.3835	78.33664	492.16
Si	-63.6392	-35.7948	22.4975	78.34983	490.96
Si	13.9222	65.6251	-43.2644	78.3532	482.27
Si	8.9505	5.9646	-77.8759	78.35983	498.41
Si	-5.9646	5.9646	-77.8759	78.35983	497.29
Si	13.4222	28.3373	72.6842	78.39589	475.72
Si	0.993	58.6675	-53.6478	78.40451	471.97
Si	75.5684	-10.9363	22.4975	78.40797	467.94
Si	21.3797	76.0684	-13.8446	78.41342	498.44
Si	-43.7524	63.6392	15.5752	78.43389	465.35
Si	13.9222	-73.5825	19.0363	78.44228	483.55
Si	-63.1392	36.2948	-27.6892	78.45491	473.24
Si	-48.2241	-23.3656	-55.3784	78.46332	478.66
Si	23.8655	-73.5825	5.1917	78.50995	496.79
Si	-66.125	13.4222	-38.0727	78.51124	479.59
Si	13.4222	-66.125	-38.0727	78.51124	475.77
Si	13.4222	-56.1816	-51.9173	78.51151	480.5
Si	-76.0684	13.4222	3.4611	78.54963	485.22
Si	-10.9363	60.6534	-50.1867	78.56938	472.2
Si	-58.1675	-28.3373	41.5338	78.57646	496.15
Si	-13.9222	78.5542	1.7306	78.60706	491.77
Si	-8.9505	-0.993	77.8759	78.6123	488.47
Si	-43.7524	-55.6816	29.4198	78.62306	474.74
Si	3.9787	-38.7807	67.4924	78.63438	482.57
Si	23.8655	60.6534	46.7255	78.63694	453.72
Si	-65.6251	35.7948	-22.4975	78.66117	476.09
Si	66.125	41.2665	-20.7669	78.67981	452.55
Si	-56.1816	-46.2382	24.2281	78.68675	492.07
Si	-70.5968	-28.8373	-8.6529	78.68742	475.1
Si	18.3939	58.1675	51.9173	78.69597	452.37
Si	-58.6675	8.9505	50.1867	78.69933	469.38
Si	-18.3939	1.4929	76.1453	78.69937	474.97
Si	78.0543	-16.408	-3.4611	78.70242	480.21
Si	40.7666	-35.7948	57.109	78.70343	458.19
Si	13.4222	-26.3514	-72.6842	78.74388	489.88
Si	-70.5968	-23.8655	19.0363	78.75501	483.19
Si	8.9505	10.9363	-77.8759	78.80003	497.46
Si	-38.7807	-55.6816	36.3421	78.81393	478.49
Si	73.0826	-31.3231	-3.4611	78.82864	473.24
Si	-31.3231	73.0826	3.4611	78.82864	489.11
Si	-46.2382	23.3656	58.8396	78.85915	468.65
Si	-58.1675	-48.2241	13.8446	78.88483	493.02
Si	-26.3514	-11.4363	72.6842	78.90155	474.42
Si	36.2948	16.408	69.223	78.90156	478.74
Si	36.2948	-13.4222	-69.223	78.90156	488.59
Si	-63.1392	-43.2524	-6.9223	78.91368	465.58
Si	-63.1392	-43.2524	6.9223	78.91368	493.06
Si	26.3514	76.0684	6.9223	78.91369	497.32
Si	-28.3373	56.1816	-48.4561	78.92204	466.61
Si	-53.1958	31.3231	48.4561	78.92204	475.02
Si	-53.1958	51.2099	27.6892	78.92608	463.59
Si	-5.9646	-8.9505	-77.8759	78.9261	497.96
Si	41.2665	41.2665	-55.3784	78.93444	453.84
Si	43.2524	-11.4363	-65.7618	78.96608	480.58
Si	-45.7383	50.7099	39.8032	78.97719	463.76

Si	70.5968	-35.7948	8.6529	78.99742	471.7
Si	3.4788	-71.0967	-31.1504	79.01606	486.77
Si	3.4788	-51.2099	58.8396	79.01659	480.52
Si	8.9505	-48.724	60.5701	79.03226	477.76
Si	71.0967	-33.309	13.8446	79.04135	473.5
Si	-30.8231	-58.6675	39.8032	79.0436	479.15
Si	58.1675	33.309	-44.995	79.04948	480.71
Si	-61.1533	43.2524	-24.2281	79.09109	460.52
Si	18.8939	-18.8939	74.4147	79.09466	489.45
Si	-65.6251	-33.809	-22.4975	79.10231	477.28
Si	-33.809	68.6109	22.4975	79.10232	462.67
Si	-46.2382	-21.3797	-58.8396	79.14232	479.64
Si	-13.4222	71.0967	-34.6115	79.15242	482.59
Si	16.408	-68.1109	-34.6115	79.15242	477.7
Si	13.4222	-76.0684	10.3835	79.15732	495.44
Si	-50.7099	-53.6957	-22.4975	79.2279	471.09
Si	0.993	73.5825	-32.8809	79.23587	502.56
Si	15.908	-0.993	77.8759	79.23779	491.31
Si	16.408	-53.1958	-55.3784	79.24696	478.28
Si	-55.6816	55.6816	-8.6529	79.24785	463.01
Si	-68.6109	23.8655	29.4198	79.25021	489.66
Si	-40.7666	-38.7807	53.6478	79.28372	497.43
Si	-30.8231	15.908	-70.9536	79.28767	502.15
Si	28.3373	18.3939	72.6842	79.3048	478.07
Si	8.9505	-68.6109	-36.3421	79.31519	477.31
Si	-45.7383	40.7666	-50.1867	79.32152	458.73
Si	21.3797	-8.4505	76.1453	79.32505	490.83
Si	13.9222	-43.7524	-64.0313	79.38276	476.72
Si	-33.809	23.8655	-67.4924	79.38503	479.6
Si	-18.3939	61.1533	48.4561	79.39044	464.08
Si	-1.4929	33.309	-72.6842	79.39877	477.7
Si	-25.8515	5.9646	74.4147	79.40568	475.46
Si	53.1958	48.2241	38.0727	79.41361	449.6
Si	-36.2948	48.2241	-51.9173	79.41735	457.67
Si	-66.125	18.3939	38.0727	79.41883	481.4
Si	13.9222	10.9363	-77.8759	79.42491	498.91
Si	70.5968	-35.7948	-12.114	79.45105	476.36
Si	-76.0684	18.3939	3.4611	79.45678	483.9
Si	18.3939	-76.0684	-3.4611	79.45678	500.38
Si	55.6816	-20.8798	-53.6478	79.46726	463.61
Si	-18.8939	48.724	-60.5701	79.46787	457.05
Si	-68.6109	33.809	-19.0363	79.50627	478.53
Si	-35.7948	20.8798	67.4924	79.50757	466.56
Si	28.3373	-16.408	72.6842	79.52389	480.78
Si	-60.6534	45.7383	-22.4975	79.5358	461.52
Si	1.4929	-73.0826	-27.6892	79.54997	487.41
Si	76.0684	1.4929	-27.6892	79.54998	477.06
Si	-11.4363	78.0543	-17.3058	79.55063	490.68
Si	-3.9787	-75.5684	-19.0363	79.56615	489.01
Si	23.3656	-71.0967	24.2281	79.5906	485.02
Si	41.2665	61.1533	34.6115	79.61946	453.11
Si	-58.1675	-38.2807	-34.6115	79.61946	461.25
Si	-61.1533	-41.2665	-24.2281	79.62356	474.37
Si	-53.6957	-55.6816	-5.1917	79.6346	480.48
Si	-56.1816	-16.408	-51.9173	79.63787	472.73
Si	33.309	8.4505	-72.6842	79.64709	477.67
Si	23.3656	78.0543	3.4611	79.69971	498.67
Si	-3.4788	-73.0826	-27.6892	79.70517	489.5
Si	-73.0826	6.4646	-27.6892	79.70517	481.18
Si	76.0684	6.4646	-27.6892	79.70518	476.04
Si	15.908	-55.6816	-53.6478	79.71709	477.85
Si	-1.4929	-1.4929	-79.6064	79.71836	493.12

Si	-45.7383	-58.6675	-22.4975	79.72569	472.04
Si	-70.5968	-28.8373	-15.5752	79.74599	476.3
Si	-3.9787	-45.7383	64.0313	79.75415	491.35
Si	-3.9787	48.724	64.0313	79.75415	456.89
Si	-50.7099	20.8798	-57.109	79.76479	474.5
Si	33.309	-56.1816	-44.995	79.7694	463.54
Si	73.5825	10.9363	32.8809	79.79506	463.47
Si	60.6534	-50.7099	-12.114	79.82384	464.45
Si	-55.6816	25.8515	-50.1867	79.88097	472.32
Si	78.5542	-18.8939	5.1917	79.88132	486.54
Si	-73.5825	28.8373	1.7306	79.91891	483.02
Si	33.309	-71.0967	-10.3835	79.93329	483.44
Si	3.4788	8.4505	79.6064	79.93459	489.73
Si	10.9363	-75.5684	-19.0363	79.93755	498.85
Si	-40.7666	-63.6392	19.0363	79.94015	501.14
Si	-33.809	33.809	64.0313	79.94092	466.64
Si	-18.3939	36.2948	69.223	79.9905	461.09
Si	18.8939	40.7666	67.4924	80.00275	469.75
Si	73.5825	35.7948	5.1917	80.0031	470.03
Si	-6.4646	3.4788	79.6064	80.02782	492.63
Si	-71.0967	-11.4363	31.1504	80.04223	465.41
Si	48.2241	-61.1533	-17.3058	80.04899	460.08
Si	-3.9787	63.6392	50.1867	80.06745	461.05
Si	-28.8373	-45.7383	57.109	80.0758	477.88
Si	-31.3231	33.309	-65.7618	80.08605	467.15
Si	-50.7099	5.9646	60.5701	80.08667	469.99
Si	-16.408	73.0826	-31.1504	80.09914	484.33
Si	21.3797	16.408	76.1453	80.10026	477.29
Si	-13.4222	21.3797	76.1453	80.10026	463.86
Si	33.809	60.6534	-43.2644	80.10051	463.6
Si	-6.4646	-31.3231	72.6842	80.14485	487.56
Si	-55.6816	-23.8655	-50.1867	80.19153	468.96
Si	-25.8515	60.6534	46.7255	80.19318	465.98
Si	28.3373	73.0826	-24.2281	80.20415	493.12
Si	-15.908	25.8515	74.4147	80.21025	463.95
Si	6.4646	-23.3656	-76.1453	80.25441	493.37
Si	-30.8231	-48.724	53.6478	80.27551	476.77
Si	-48.724	33.809	-53.6478	80.27551	457.38
Si	5.9646	-35.7948	70.9536	80.27941	481.85
Si	5.9646	38.7807	70.9536	80.27941	466.19
Si	78.5542	0.993	-22.4975	80.27975	479.47
Si	73.5825	-33.809	-1.7306	80.28781	473.19
Si	-0.993	20.8798	-77.8759	80.29122	482.04
Si	-8.9505	-40.7666	-67.4924	80.31284	492.04
Si	8.9505	80.5401	12.114	80.31708	495.11
Si	80.5401	8.9505	-12.114	80.31708	481.46
Si	-61.1533	-31.3231	-38.0727	80.31789	457.88
Si	38.2807	-26.3514	65.7618	80.33224	467.78
Si	-26.3514	38.2807	65.7618	80.33224	461.65
Si	-31.3231	-71.0967	10.3835	80.33652	496.29
Si	-3.9787	38.7807	70.9536	80.34131	465.39
Si	75.5684	-15.908	-25.9586	80.39795	479.92
Si	-55.6816	-48.724	25.9586	80.40225	491.51
Si	3.4788	68.1109	-44.995	80.41422	474.92
Si	23.8655	65.6251	-43.2644	80.5312	475.88
Si	43.7524	-58.6675	32.8809	80.53747	480.44
Si	-1.4929	13.4222	-79.6064	80.55067	492.7
Si	-5.9646	-78.5542	5.1917	80.56125	495.61
Si	18.8939	-48.724	60.5701	80.58087	478.33
Si	78.0543	8.4505	-24.2281	80.60432	477.6
Si	76.0684	-28.3373	-6.9223	80.61802	474.17
Si	76.0684	31.3231	6.9223	80.61802	468.4

Si	71.0967	-28.3373	-27.6892	80.63015	485.48
Si	-43.2524	-23.3656	-62.3007	80.63166	479.28
Si	-43.2524	-23.3656	62.3007	80.63166	475.23
Si	-8.9505	53.6957	-60.5701	80.64082	467.89
Si	-1.4929	63.1392	-51.9173	80.65099	470.16
Si	68.6109	-18.8939	39.8032	80.65195	450.63
Si	23.3656	-76.0684	3.4611	80.66072	496.26
Si	-6.4646	78.0543	-24.2281	80.69678	492.61
Si	48.2241	-1.4929	65.7618	80.73005	472.2
Si	-78.0543	1.4929	-13.8446	80.743	485.88
Si	-30.8231	-28.8373	67.4924	80.74325	481.81
Si	26.3514	-63.1392	-41.5338	80.74844	460.46
Si	-63.1392	41.2665	27.6892	80.78329	467.2
Si	28.3373	-21.3797	-72.6842	80.78839	471.42
Si	-36.2948	-26.3514	65.7618	80.79503	479.83
Si	70.5968	-35.7948	-19.0363	80.79667	475.92
Si	28.8373	-73.5825	12.114	80.81328	498.11
Si	-13.9222	-75.5684	-19.0363	80.86073	488.91
Si	-3.4788	-78.0543	-13.8446	80.89592	490
Si	80.5401	13.9222	-12.114	80.93024	483.72
Si	61.1533	56.1816	0	80.93341	456.4
Si	-20.8798	45.7383	-64.0313	80.98265	457.66
Si	43.2524	38.2807	58.8396	80.98945	445.16
Si	38.2807	43.2524	58.8396	80.98945	449.97
Si	-16.408	-71.0967	-31.1504	80.99405	482.48
Si	-36.2948	73.0826	-3.4611	81.02453	480.34
Si	-41.2665	68.1109	17.3058	81.02971	462.65
Si	58.6675	55.6816	19.0363	81.04154	461.71
Si	45.7383	8.9505	-67.4924	81.04624	480.92
Si	71.0967	1.4929	-41.5338	81.05397	472.29
Si	48.2241	63.1392	24.2281	81.06214	448.86
Si	73.0826	23.3656	31.1504	81.07925	467.02
Si	-63.6392	28.8373	-39.8032	81.0814	480.13
Si	-13.4222	51.2099	62.3007	81.09018	455.33
Si	51.2099	16.408	-62.3007	81.09018	447.12
Si	-48.2241	-13.4222	-62.3007	81.09018	472.29
Si	-63.6392	-10.9363	-46.7255	81.11686	470.24
Si	18.3939	33.309	72.6842	81.12271	472.92
Si	-46.2382	-46.2382	-44.995	81.12374	450.15
Si	-21.3797	-26.3514	-72.6842	81.12612	473.05
Si	0.993	-30.8231	-74.4147	81.13032	490.86
Si	48.724	65.6251	-15.5752	81.15602	454.88
Si	36.2948	66.125	-34.6115	81.15686	472.15
Si	36.2948	-63.1392	-34.6115	81.15686	460.31
Si	-56.1816	53.1958	-24.2281	81.15748	451.09
Si	40.7666	-40.7666	57.109	81.17706	458.11
Si	-40.7666	55.6816	-43.2644	81.20399	457.52
Si	28.3373	78.0543	-3.4611	81.20499	496.54
Si	-3.4788	-68.1109	41.5338	81.2063	468.46
Si	-3.9787	-20.8798	77.8759	81.21038	486.13
Si	16.408	81.0401	6.9223	81.22891	496.44
Si	-13.4222	81.0401	6.9223	81.22891	491.32
Si	-66.125	3.4788	-44.995	81.24451	475.77
Si	68.1109	28.3373	-38.0727	81.29026	467.33
Si	-10.9363	-28.8373	74.4147	81.31394	485.61
Si	0.993	78.5542	-25.9586	81.3176	499
Si	-16.408	33.309	-72.6842	81.33691	454.21
Si	-33.809	-65.6251	29.4198	81.34226	481.07
Si	81.0401	11.4363	13.8446	81.35294	484.66
Si	41.2665	71.0967	13.8446	81.35294	468.49
Si	-68.1109	-38.2807	-13.8446	81.35294	468.3
Si	11.4363	81.0401	-13.8446	81.35294	500.26

Si	-78.0543	11.4363	-13.8446	81.35295	484.12
Si	-8.4505	-78.0543	-13.8446	81.35295	489.32
Si	73.0826	-21.3797	-31.1504	81.35469	479.82
Si	-45.7383	-63.6392	12.114	81.36163	476.69
Si	36.2948	26.3514	-69.223	81.36917	454.17
Si	-8.4505	-63.1392	-48.4561	81.38902	471.5
Si	61.1533	1.4929	-55.3784	81.40105	451.37
Si	3.9787	-48.724	-64.0313	81.41207	471.57
Si	-48.724	3.9787	64.0313	81.41207	469.11
Si	-11.4363	68.1109	-44.995	81.42277	468.56
Si	-40.7666	35.7948	60.5701	81.43234	464.06
Si	18.3939	-1.4929	-79.6064	81.43553	493.46
Si	-76.0684	-16.408	-17.3058	81.45973	484.63
Si	-78.5542	13.9222	8.6529	81.4672	485.2
Si	-13.4222	-23.3656	-76.1453	81.47706	475.76
Si	-73.5825	23.8655	22.4975	81.50457	490.89
Si	-43.7524	-50.7099	43.2644	81.5112	485.67
Si	-31.3231	-71.0967	-17.3058	81.52073	474.48
Si	-38.2807	46.2382	55.3784	81.55273	448.55
Si	-3.4788	-58.1675	-55.3784	81.55273	469.98
Si	8.4505	-46.2382	65.7618	81.55542	477.53
Si	-58.6675	-10.9363	-53.6478	81.55883	474.17
Si	-58.6675	13.9222	-53.6478	81.55883	479.11
Si	10.9363	23.8655	77.8759	81.57429	476.72
Si	25.8515	-70.5968	29.4198	81.58297	487.17
Si	-78.5542	3.9787	15.5752	81.58622	484.33
Si	8.9505	-43.7524	67.4924	81.59641	479.66
Si	48.2241	33.309	58.8396	81.59756	445.25
Si	-23.3656	71.0967	34.6115	81.61244	454.51
Si	51.2099	56.1816	-34.6115	81.61244	451.32
Si	20.8798	28.8373	-74.4147	81.61566	489.16
Si	23.8655	75.5684	25.9586	81.61846	464.4
Si	-38.7807	-0.993	70.9536	81.62444	467.22
Si	-26.3514	68.1109	-38.0727	81.62591	473.39
Si	58.1675	-36.2948	-44.995	81.63618	458.59
Si	45.7383	-10.9363	-67.4924	81.65393	478.78
Si	-48.2241	51.2099	-41.5338	81.6616	460.78
Si	51.2099	-48.2241	41.5338	81.6616	456.73
Si	71.0967	-8.4505	41.5338	81.6616	453.45
Si	48.724	35.7948	-57.109	81.66296	450.32
Si	45.7383	33.809	-60.5701	81.67447	451.28
Si	-11.4363	-11.4363	-79.6064	81.67934	497.9
Si	23.8655	-8.9505	-77.8759	81.69608	489.7
Si	36.2948	41.2665	62.3007	81.69754	451.26
Si	41.2665	-33.309	-62.3007	81.69754	462.82
Si	41.2665	36.2948	-62.3007	81.69754	453.12
Si	-38.2807	36.2948	-62.3007	81.69754	462.57
Si	56.1816	-23.3656	-55.3784	81.70414	465.8
Si	56.1816	-23.3656	55.3784	81.70414	453.8
Si	13.9222	50.7099	-64.0313	81.71174	455.16
Si	8.9505	-48.724	-64.0313	81.71512	470.67
Si	75.5684	-30.8231	-12.114	81.72065	476.6
Si	-23.8655	23.8655	-74.4147	81.73823	464.65
Si	-26.3514	58.1675	-51.9173	81.74788	464.56
Si	45.7383	63.6392	29.4198	81.76387	450.12
Si	-60.6534	-33.809	39.8032	81.80876	495.25
Si	-6.4646	38.2807	72.6842	81.85139	466.64
Si	-33.809	43.7524	-60.5701	81.85855	455.79
Si	-25.8515	-18.8939	74.4147	81.85893	471.89
Si	10.9363	78.5542	-25.9586	81.86257	502.39
Si	-25.8515	-28.8373	-70.9536	81.866	472.33
Si	20.8798	-45.7383	64.0313	81.89405	477.6

Si	70.5968	43.7524	-12.114	81.9021	459.87
Si	10.9363	-0.993	-81.337	81.92112	493.84
Si	48.724	-63.6392	-15.5752	81.94847	462.57
Si	56.1816	-43.2524	-41.5338	81.96373	464.03
Si	56.1816	-43.2524	41.5338	81.96373	457.67
Si	23.3656	-51.2099	58.8396	81.96397	475.68
Si	-75.5684	-8.9505	25.9586	81.98393	464.33
Si	21.3797	-78.0543	0	81.99539	498
Si	-73.0826	21.3797	-27.6892	81.99806	486.51
Si	76.0684	21.3797	27.6892	81.99807	466.71
Si	50.7099	-40.7666	50.1867	82.01757	466.78
Si	43.7524	50.7099	-50.1867	82.01757	456.11
Si	-61.1533	38.2807	38.0727	82.02082	470.85
Si	-71.0967	-1.4929	38.0727	82.02251	463.99
Si	48.2241	68.1109	10.3835	82.03401	464.19
Si	-23.8655	68.6109	-39.8032	82.04979	474.46
Si	-70.5968	35.7948	19.0363	82.07268	459.3
Si	38.7807	-33.809	-64.0313	82.0768	462.28
Si	-78.5542	-15.908	-5.1917	82.08102	481.74
Si	-78.0543	16.408	-13.8446	82.10902	484.93
Si	-66.125	28.3373	38.0727	82.11169	471.45
Si	40.7666	73.5825	1.7306	82.11171	464.26
Si	13.4222	-76.0684	24.2281	82.12834	481.72
Si	-46.2382	13.4222	-65.7618	82.12909	474.51
Si	68.6109	-28.8373	-36.3421	82.1309	479.83
Si	-48.2241	36.2948	-55.3784	82.15668	457.57
Si	68.6109	20.8798	-43.2644	82.17345	472.99
Si	20.8798	68.6109	43.2644	82.17345	460.63
Si	-18.8939	-40.7666	-67.4924	82.19919	464.28
Si	-43.2524	-58.1675	-34.6115	82.21594	463.76
Si	13.9222	55.6816	60.5701	82.21708	453.68
Si	-80.5401	-3.9787	-1.7306	82.23354	487.09
Si	40.7666	73.5825	-5.1917	82.25747	464.66
Si	-25.8515	60.6534	-50.1867	82.25797	463.49
Si	78.0543	-16.408	24.2281	82.27448	466.5
Si	-76.0684	-11.4363	-24.2281	82.27952	482.76
Si	8.9505	-53.6957	60.5701	82.28088	479.92
Si	0.993	13.9222	-81.337	82.28273	492.23
Si	21.3797	-78.0543	6.9223	82.28707	497.55
Si	-43.2524	31.3231	62.3007	82.30043	464.13
Si	46.2382	-28.3373	-62.3007	82.30043	459.17
Si	-6.4646	-36.2948	72.6842	82.30564	489.68
Si	-43.7524	-60.6534	29.4198	82.30925	473.4
Si	33.809	35.7948	67.4924	82.31754	457.49
Si	5.9646	-80.5401	-5.1917	82.31872	497.45
Si	10.9363	-65.6251	-46.7255	82.32419	472.97
Si	68.6109	10.9363	46.7255	82.3242	459.69
Si	-5.9646	-8.9505	81.337	82.34312	494.34
Si	81.0401	-3.4788	-20.7669	82.36346	479.76
Si	-73.0826	6.4646	-34.6115	82.36613	477.66
Si	76.0684	6.4646	34.6115	82.36614	464.36
Si	-8.4505	-28.3373	-76.1453	82.38215	478.54
Si	-31.3231	73.0826	24.2281	82.39523	462.33
Si	-35.7948	-48.724	53.6478	82.40271	477.97
Si	-43.2524	1.4929	-69.223	82.42552	463.92
Si	18.3939	48.2241	65.7618	82.42615	462.9
Si	53.1958	53.1958	38.0727	82.43729	448.63
Si	-18.8939	63.6392	50.1867	82.44075	462.55
Si	31.3231	61.1533	48.4561	82.44512	446.46
Si	-48.2241	-58.1675	27.6892	82.44899	475.14
Si	-48.2241	-58.1675	-27.6892	82.44899	471.43
Si	13.4222	-16.408	-79.6064	82.46173	489.79

Si	-70.5968	5.9646	39.8032	82.46946	463.66
Si	13.9222	-78.5542	-15.5752	82.49011	498.5
Si	-71.0967	-36.2948	-10.3835	82.49228	469.34
Si	45.7383	-25.8515	64.0313	82.49465	463.1
Si	5.9646	48.724	-67.4924	82.49851	468.68
Si	-51.2099	-61.1533	-10.3835	82.52241	476.53
Si	25.8515	13.9222	77.8759	82.53773	477.7
Si	40.7666	73.5825	8.6529	82.54823	468.08
Si	-21.3797	33.309	72.6842	82.57364	462.7
Si	6.4646	-43.2524	-69.223	82.57532	478.61
Si	0.993	43.7524	70.9536	82.58645	462.66
Si	-68.1109	-33.309	27.6892	82.59875	486.68
Si	-46.2382	68.1109	-10.3835	82.6077	447.78
Si	-68.6109	33.809	29.4198	82.60985	458.62
Si	23.3656	-1.4929	79.6064	82.61063	492.61
Si	-78.5542	8.9505	-19.0363	82.61685	483.98
Si	-16.408	48.2241	65.7618	82.63697	454.61
Si	-1.4929	-81.0401	-3.4611	82.65949	491.13
Si	8.4505	-56.1816	58.8396	82.68524	481.66
Si	-21.3797	-76.0684	-17.3058	82.69463	485.8
Si	66.125	-48.2241	13.8446	82.7089	466.11
Si	-50.7099	65.6251	-1.7306	82.71073	448.1
Si	-35.7948	55.6816	-50.1867	82.73753	458.33
Si	-68.6109	-40.7666	-12.114	82.7475	468.04
Si	-33.809	53.6957	-53.6478	82.76138	458.46
Si	-3.9787	-40.7666	70.9536	82.766	489.3
Si	-56.1816	-6.4646	-58.8396	82.77537	473.68
Si	58.1675	53.1958	-31.1504	82.79822	441.82
Si	-38.2807	-68.1109	-20.7669	82.81239	472.2
Si	-8.4505	-78.0543	-20.7669	82.8124	489.41
Si	-78.0543	11.4363	-20.7669	82.8124	485.99
Si	-8.4505	76.0684	-34.6115	82.81506	486.48
Si	55.6816	-30.8231	-53.6478	82.81809	460.25
Si	-66.125	-46.2382	-3.4611	82.83971	466.54
Si	-35.7948	-28.8373	67.4924	82.85844	478.93
Si	-58.1675	-38.2807	-41.5338	82.8635	457.32
Si	-53.6957	-10.9363	-60.5701	82.87952	474.22
Si	60.6534	-40.7666	-39.8032	82.88617	462.08
Si	-75.5684	30.8231	-8.6529	82.9071	481.81
Si	23.8655	60.6534	53.6478	82.93722	453.52
Si	8.4505	78.0543	31.1504	82.94819	470.83
Si	75.5684	-35.7948	1.7306	82.94913	469.62
Si	76.0684	31.3231	-20.7669	82.96151	474.39
Si	78.0543	33.309	-3.4611	82.98128	469.94
Si	-71.0967	-11.4363	38.0727	82.98157	464.35
Si	-58.6675	3.9787	57.109	82.98724	470.01
Si	18.3939	-46.2382	65.7618	82.99712	476.28
Si	-58.6675	58.6675	1.7306	83.0132	451.77
Si	-33.309	-28.3373	69.223	83.02311	479.87
Si	11.4363	-43.2524	69.223	83.02311	476.92
Si	78.5542	10.9363	-29.4198	83.02502	476.8
Si	71.0967	-43.2524	-6.9223	83.03463	463.3
Si	73.0826	-16.408	38.0727	83.03646	451.52
Si	-16.408	73.0826	38.0727	83.03646	454.96
Si	-20.8798	30.8231	74.4147	83.05631	463.64
Si	30.8231	-20.8798	-74.4147	83.05631	472.42
Si	-26.3514	-76.0684	10.3835	83.05948	491.38
Si	-76.0684	-26.3514	10.3835	83.05948	480
Si	18.8939	-43.7524	67.4924	83.09725	478.8
Si	-13.4222	-28.3373	-76.1453	83.12886	478.69
Si	-28.3373	-13.4222	-76.1453	83.12886	470.44
Si	16.408	31.3231	-76.1453	83.12886	487.84

Si	-13.4222	31.3231	76.1453	83.12886	463.45
Si	31.3231	16.408	-76.1453	83.12886	472.83
Si	23.8655	-78.5542	-1.7306	83.13289	497.87
Si	18.8939	80.5401	19.0363	83.14832	483.97
Si	80.5401	-15.908	-19.0363	83.14832	481.68
Si	58.6675	60.6534	12.114	83.16031	460.78
Si	48.2241	68.1109	-17.3058	83.19406	455.26
Si	-8.9505	-25.8515	77.8759	83.19512	483.92
Si	-73.5825	33.809	15.5752	83.20599	458.07
Si	-6.4646	-21.3797	79.6064	83.20856	483.96
Si	-3.4788	1.4929	83.0676	83.21625	493.02
Si	-65.6251	-13.9222	46.7255	83.22089	464.38
Si	68.6109	-13.9222	46.7255	83.2209	451.38
Si	-0.993	80.5401	25.9586	83.23759	471.47
Si	-58.6675	48.724	-32.8809	83.25385	439.39
Si	71.0967	31.3231	34.6115	83.26155	458.15
Si	-71.0967	-31.3231	24.2281	83.26547	483.79
Si	-31.3231	-71.0967	24.2281	83.26547	479.49
Si	-46.2382	58.1675	38.0727	83.30543	463.12
Si	26.3514	81.0401	0	83.34088	499.08
Si	-43.2524	66.125	-27.6892	83.34352	453.54
Si	46.2382	66.125	27.6892	83.34352	448.92
Si	-73.0826	-23.3656	-27.6892	83.34352	475.95
Si	-43.2524	66.125	27.6892	83.34352	460.83
Si	70.5968	18.8939	43.2644	83.36631	461.6
Si	-31.3231	78.0543	3.4611	83.36977	490.11
Si	-53.6957	-35.7948	50.1867	83.39584	471.7
Si	66.125	41.2665	34.6115	83.40985	443.34
Si	-55.6816	5.9646	60.5701	83.41263	469.43
Si	-30.8231	20.8798	74.4147	83.413	466.18
Si	13.4222	23.3656	79.6064	83.41409	476.63
Si	-38.7807	18.8939	70.9536	83.42159	466.64
Si	-71.0967	28.3373	-31.1504	83.42791	481.57
Si	51.2099	26.3514	-62.3007	83.49313	446.03
Si	-48.2241	26.3514	-62.3007	83.49313	463.68
Si	-8.4505	56.1816	62.3007	83.49313	456.49
Si	-60.6534	25.8515	-50.1867	83.51166	470.6
Si	78.0543	13.4222	31.1504	83.51229	465.58
Si	43.2524	73.0826	10.3835	83.52698	465.7
Si	58.1675	43.2524	44.995	83.54886	442.76
Si	-13.4222	81.0401	-20.7669	83.55526	491.57
Si	-78.0543	-13.4222	-20.7669	83.55527	483.28
Si	-28.8373	-70.5968	29.4198	83.56052	478.75
Si	40.7666	-60.6534	-39.8032	83.59948	457.36
Si	-76.0684	3.4788	31.1504	83.60649	464.78
Si	41.2665	-23.3656	-69.223	83.61643	462.72
Si	-23.3656	-38.2807	-69.223	83.61643	463.33
Si	26.3514	81.0401	6.9223	83.62787	499.29
Si	40.7666	58.6675	-46.7255	83.63386	452.55
Si	-25.8515	80.5401	-1.7306	83.66108	488.99
Si	48.2241	38.2807	-58.8396	83.66146	451.86
Si	50.7099	-65.6251	8.6529	83.67801	458.22
Si	-1.4929	53.1958	65.7618	83.70619	457.93
Si	-13.9222	13.9222	-81.337	83.71273	479.32
Si	70.5968	48.724	1.7306	83.72049	447.65
Si	48.724	70.5968	-1.7306	83.72049	455
Si	-73.5825	-5.9646	36.3421	83.74178	463.79
Si	28.3373	33.309	72.6842	83.7608	463.08
Si	-21.3797	63.1392	-51.9173	83.77842	465.8
Si	53.6957	50.7099	-43.2644	83.78103	440.23
Si	-18.3939	-58.1675	55.3784	83.79508	490.96
Si	-45.7383	-13.9222	67.4924	83.80711	470.28

Si	6.4646	-8.4505	83.0676	83.80821	491.47
Si	11.4363	-3.4788	83.0676	83.80821	491.77
Si	43.2524	-71.0967	3.4611	83.81578	461.58
Si	-61.1533	-31.3231	44.995	83.82113	494.76
Si	28.8373	-33.809	-70.9536	83.83522	469.03
Si	-55.6816	-33.809	-50.1867	83.86806	455.18
Si	8.4505	-76.0684	31.1504	83.87198	471.16
Si	46.2382	71.0967	-13.8446	83.89579	455.87
Si	-68.1109	-43.2524	13.8446	83.89579	489.65
Si	5.9646	-65.6251	50.1867	83.92567	465.56
Si	41.2665	-38.2807	62.3007	83.93602	459.97
Si	41.2665	-38.2807	-62.3007	83.93602	461.94
Si	-5.9646	65.6251	53.6478	83.94425	457.26
Si	45.7383	-5.9646	70.9536	83.95044	471.62
Si	-5.9646	45.7383	-70.9536	83.95044	458.95
Si	78.5542	-3.9787	32.8809	83.96157	464.57
Si	-3.9787	-65.6251	50.1867	83.98488	467.01
Si	-48.724	68.6109	-5.1917	83.98522	447.73
Si	-78.5542	-20.8798	-12.114	83.99304	481.18
Si	-48.724	63.6392	-25.9586	84.01041	454.71
Si	-41.2665	73.0826	10.3835	84.03135	457.72
Si	-38.7807	73.5825	15.5752	84.03251	458.63
Si	35.7948	43.7524	64.0313	84.03861	450.97
Si	-13.9222	53.6957	64.0313	84.04026	454.17
Si	0.993	-70.5968	43.2644	84.0772	467.15
Si	-43.2524	46.2382	-55.3784	84.08954	455.99
Si	-36.2948	48.2241	-58.8396	84.10593	456.17
Si	-31.3231	28.3373	72.6842	84.14569	463.04
Si	-80.5401	15.908	12.114	84.16631	486.76
Si	-78.5542	-0.993	-25.9586	84.18774	480.65
Si	-68.6109	18.8939	43.2644	84.19701	479.52
Si	-6.4646	43.2524	72.6842	84.20311	464.41
Si	60.6534	-50.7099	29.4198	84.20582	453.05
Si	46.2382	36.2948	62.3007	84.22999	444.79
Si	3.9787	-68.6109	46.7255	84.28518	466.85
Si	-31.3231	-76.0684	3.4611	84.28895	491.65
Si	-51.2099	3.4788	-65.7618	84.29798	458.6
Si	-51.2099	3.4788	65.7618	84.29798	467.79
Si	36.2948	11.4363	-76.1453	84.30985	474.47
Si	11.4363	-33.309	76.1453	84.30985	479.93
Si	18.8939	75.5684	-36.3421	84.32513	478.02
Si	13.9222	-73.5825	-36.3421	84.33004	477.84
Si	-63.6392	-50.7099	-12.114	84.34495	463.6
Si	20.8798	63.6392	-53.6478	84.35695	446.18
Si	-61.1533	43.2524	-38.0727	84.36782	432.98
Si	-50.7099	-48.724	-43.2644	84.3723	449.39
Si	-3.4788	-78.0543	27.6892	84.37516	472.76
Si	63.1392	58.1675	-10.3835	84.38064	446.16
Si	-38.2807	-48.2241	-55.3784	84.38298	440.08
Si	68.1109	53.1958	-3.4611	84.39862	448.12
Si	-5.9646	75.5684	39.8032	84.42215	457.99
Si	68.6109	40.7666	32.8809	84.42982	444.21
Si	-80.5401	20.8798	5.1917	84.4525	481.49
Si	3.4788	68.1109	51.9173	84.48256	458.5
Si	81.0401	-23.3656	-13.8446	84.48299	480.29
Si	-36.2948	73.0826	24.2281	84.49848	461.77
Si	35.7948	78.5542	-5.1917	84.51053	472.68
Si	-1.4929	68.1109	51.9173	84.51197	458.46
Si	-16.408	-81.0401	3.4611	84.52288	490.91
Si	-31.3231	43.2524	65.7618	84.53027	459.1
Si	-45.7383	-33.809	60.5701	84.5325	472
Si	70.5968	23.8655	43.2644	84.54398	459.97

Si	-45.7383	-68.6109	-1.7306	84.5477	473.61
Si	58.1675	-61.1533	3.4611	84.54902	453.48
Si	63.6392	50.7099	-29.4198	84.55766	440.5
Si	58.1675	23.3656	-58.8396	84.57256	443.35
Si	70.5968	-45.7383	-12.114	84.57467	462.5
Si	-45.7383	70.5968	12.114	84.57467	456.24
Si	23.8655	-38.7807	-70.9536	84.59849	471.77
Si	8.4505	-41.2665	-72.6842	84.61537	480.51
Si	20.8798	-45.7383	-67.4924	84.62776	471.38
Si	-45.7383	20.8798	67.4924	84.62776	460.6
Si	-6.4646	-51.2099	65.7618	84.64944	489.21
Si	13.4222	43.2524	-72.6842	84.67083	466.05
Si	80.5401	-5.9646	29.4198	84.67353	464.39
Si	-68.6109	-45.7383	-5.1917	84.68927	464.55
Si	-55.6816	-23.8655	-57.109	84.69601	472.41
Si	25.8515	33.809	-74.4147	84.70666	485.51
Si	-55.6816	-13.9222	60.5701	84.70711	463.24
Si	38.2807	63.1392	44.995	84.72399	436.94
Si	28.8373	-78.5542	5.1917	84.74794	496.94
Si	-23.3656	-68.1109	-41.5338	84.78025	452.97
Si	13.9222	55.6816	-64.0313	84.79924	452.4
Si	-8.4505	81.0401	-27.6892	84.81344	493.32
Si	43.2524	-11.4363	72.6842	84.81749	471.44
Si	68.1109	-6.4646	51.9173	84.83325	451.94
Si	53.1958	-41.2665	-51.9173	84.83488	454.08
Si	-70.5968	-28.8373	32.8809	84.84098	483.87
Si	13.4222	28.3373	-79.6064	84.8535	486.1
Si	76.0684	-33.309	20.7669	84.87605	467.61
Si	-71.0967	-41.2665	10.3835	84.88482	488.51
Si	-68.6109	-40.7666	22.4975	84.89131	484.21
Si	-23.8655	23.8655	77.8759	84.90134	463.14
Si	-63.6392	-35.7948	-39.8032	84.95208	457.31
Si	-3.4788	71.0967	-48.4561	84.95529	466.45
Si	81.0401	31.3231	0	84.95645	469.31
Si	-73.5825	23.8655	-32.8809	84.95889	485.33
Si	31.3231	-73.0826	-27.6892	84.95904	464.81
Si	-18.8939	-80.5401	8.6529	84.97007	492.78
Si	-11.4363	28.3373	79.6064	84.99984	463.96
Si	-15.908	80.5401	25.9586	85.00065	471.18
Si	-0.993	-73.5825	39.8032	85.01058	465.78
Si	-51.2099	68.1109	-3.4611	85.01484	446.16
Si	-48.2241	61.1533	-34.6115	85.02411	454.5
Si	-60.6534	-43.7524	-36.3421	85.02962	455.7
Si	75.5684	-35.7948	-19.0363	85.08787	475.46
Si	-23.3656	61.1533	55.3784	85.11214	461.54
Si	-58.1675	26.3514	55.3784	85.11214	461.15
Si	-63.1392	1.4929	55.3784	85.11214	467.98
Si	73.5825	40.7666	-22.4975	85.12035	450.13
Si	48.724	70.5968	-15.5752	85.13936	453.91
Si	63.1392	-36.2948	-44.995	85.16292	461.26
Si	45.7383	28.8373	-67.4924	85.2091	446.74
Si	-28.3373	41.2665	-69.223	85.22678	459.27
Si	63.1392	3.4788	58.8396	85.24261	451.27
Si	21.3797	56.1816	62.3007	85.2509	453.54
Si	56.1816	21.3797	-62.3007	85.2509	444.03
Si	-3.4788	66.125	-55.3784	85.25722	471.61
Si	-33.309	-53.1958	-55.3784	85.25722	443.59
Si	-73.5825	38.7807	15.5752	85.2601	456.45
Si	-1.4929	-66.125	-51.9173	85.30238	471.04
Si	71.0967	46.2382	-20.7669	85.31175	449.34
Si	-81.0401	-11.4363	17.3058	85.31324	473.44
Si	-11.4363	-81.0401	-17.3058	85.31324	489.52

Si	5.9646	48.724	70.9536	85.35332	459.47
Si	-43.2524	61.1533	-41.5338	85.36136	455.6
Si	-58.1675	-43.2524	-41.5338	85.36136	455.25
Si	-3.9787	78.5542	36.3421	85.37645	458.53
Si	-50.7099	-43.7524	-50.1867	85.38719	446.72
Si	11.4363	-68.1109	-48.4561	85.3906	469.62
Si	-80.5401	-18.8939	12.114	85.39198	479.2
Si	3.4788	-71.0967	-44.995	85.42681	472.39
Si	-11.4363	68.1109	-51.9173	85.4431	466.78
Si	63.6392	-28.8373	-50.1867	85.44458	459.4
Si	73.5825	45.7383	12.114	85.44775	446.89
Si	-81.0401	23.3656	3.4611	85.45227	481.65
Si	68.1109	-46.2382	-24.2281	85.45885	458.24
Si	-60.6534	55.6816	-22.4975	85.46762	449.41
Si	61.1533	-58.1675	13.8446	85.50088	449.64
Si	78.0543	23.3656	-31.1504	85.50093	473.35
Si	-35.7948	-53.6957	53.6478	85.5234	476.08
Si	8.9505	-23.8655	81.337	85.52413	483.06
Si	71.0967	-48.2241	0	85.53636	464.37
Si	71.0967	51.2099	0	85.53636	447.08
Si	15.908	-30.8231	77.8759	85.53815	480.16
Si	-66.125	28.3373	44.995	85.5415	468.61
Si	53.1958	-16.408	65.7618	85.54679	454.93
Si	-43.7524	73.5825	8.6529	85.5507	454.57
Si	-3.4788	21.3797	83.0676	85.5595	477.71
Si	38.2807	78.0543	-10.3835	85.57341	468.84
Si	-51.2099	68.1109	10.3835	85.57663	456.33
Si	35.7948	58.6675	-53.6478	85.57828	451.86
Si	-33.809	33.809	70.9536	85.58597	462.67
Si	45.7383	68.6109	29.4198	85.60371	449.28
Si	-55.6816	40.7666	-50.1867	85.61572	433.89
Si	-66.125	-6.4646	-51.9173	85.62069	473.46
Si	25.8515	-60.6534	-53.6478	85.63635	454.33
Si	76.0684	41.2665	13.8446	85.64531	448.28
Si	46.2382	-53.1958	48.4561	85.67957	450.38
Si	46.2382	-53.1958	-48.4561	85.67957	439.19
Si	5.9646	-40.7666	-74.4147	85.6937	478.81
Si	-53.6957	-30.8231	57.109	85.74117	468.05
Si	53.1958	-66.125	-10.3835	85.75072	457.64
Si	78.0543	-21.3797	-31.1504	85.76217	480.36
Si	-38.7807	-60.6534	43.2644	85.76667	473.29
Si	80.5401	28.8373	-19.0363	85.78207	476.93
Si	-61.1533	-56.1816	-10.3835	85.78293	463.64
Si	51.2099	-68.1109	6.9223	85.81601	458.47
Si	75.5684	3.9787	43.2644	85.82058	456.36
Si	48.724	-8.9505	-70.9536	85.87349	480.16
Si	18.8939	75.5684	39.8032	85.87361	461.45
Si	66.125	46.2382	34.6115	85.89183	442.94
Si	-70.5968	30.8231	-36.3421	85.89487	480.52
Si	25.8515	-45.7383	-67.4924	85.90313	471.57
Si	75.5684	-35.7948	22.4975	85.92846	468.48
Si	18.8939	-78.5542	25.9586	85.93131	480.99
Si	-43.7524	-15.908	70.9536	85.93216	471.64
Si	11.4363	76.0684	-41.5338	85.93855	474.17
Si	60.6534	-60.6534	-5.1917	85.9597	453.81
Si	-43.7524	-70.5968	-12.114	85.96977	465.16
Si	21.3797	-8.4505	83.0676	85.99176	491.36
Si	18.3939	-41.2665	-72.6842	86.00579	471.46
Si	-80.5401	25.8515	-8.6529	86.00949	481.87
Si	-78.5542	-25.8515	15.5752	86.01073	478.94
Si	5.9646	-65.6251	-53.6478	86.04013	467.48
Si	-30.8231	70.5968	39.8032	86.04631	452.23

Si	-33.309	-18.3939	76.1453	86.05094	472.38
Si	-18.3939	36.2948	-76.1453	86.05094	453.77
Si	-25.8515	25.8515	-77.8759	86.0564	466.19
Si	31.3231	-78.0543	-13.8446	86.07713	481.75
Si	-78.0543	31.3231	-13.8446	86.07713	481.44
Si	-38.7807	-55.6816	50.1867	86.07897	475.49
Si	-66.125	13.4222	51.9173	86.08072	461.23
Si	68.1109	53.1958	-17.3058	86.08506	442.56
Si	-40.7666	10.9363	74.4147	86.09641	464.05
Si	-40.7666	25.8515	-70.9536	86.10233	464.03
Si	-53.6957	-60.6534	22.4975	86.10505	471.7
Si	66.125	-48.2241	27.6892	86.11493	451.5
Si	-30.8231	60.6534	53.6478	86.1532	462.81
Si	-51.2099	-16.408	-65.7618	86.15479	472.64
Si	-1.4929	-31.3231	79.6064	86.15679	482.17
Si	70.5968	-40.7666	29.4198	86.17847	464.5
Si	40.7666	-40.7666	64.0313	86.1875	460.33
Si	63.1392	-11.4363	58.8396	86.19468	448.75
Si	-16.408	-81.0401	17.3058	86.20689	485.31
Si	-61.1533	8.4505	58.8396	86.22672	469.62
Si	58.1675	-61.1533	17.3058	86.23251	449.19
Si	28.3373	-71.0967	-38.0727	86.25195	461.66
Si	-30.8231	80.5401	12.114	86.25279	486.68
Si	48.724	40.7666	60.5701	86.26669	445.45
Si	-21.3797	-81.0401	-10.3835	86.2709	485.06
Si	70.5968	-10.9363	50.1867	86.30488	451.55
Si	-16.408	68.1109	51.9173	86.3354	458.21
Si	-36.2948	-76.0684	-3.4611	86.34609	490.13
Si	73.0826	43.2524	-24.2281	86.34778	449.37
Si	-66.125	-51.2099	10.3835	86.35729	489.84
Si	-28.3373	71.0967	41.5338	86.3689	453.49
Si	-6.4646	-81.0401	-24.2281	86.38296	491.24
Si	-38.7807	-15.908	-74.4147	86.38463	460.75
Si	-0.993	50.7099	-70.9536	86.38812	459.83
Si	-76.0684	23.3656	31.1504	86.39743	472.73
Si	-60.6534	-48.724	32.8809	86.40054	469.14
Si	-48.724	63.6392	-32.8809	86.40054	453.35
Si	6.4646	-58.1675	62.3007	86.40288	479.59
Si	61.1533	-3.4788	-62.3007	86.40288	450.29
Si	16.408	-63.1392	55.3784	86.40912	463.39
Si	53.6957	-63.6392	-22.4975	86.44916	457.53
Si	-63.1392	41.2665	-41.5338	86.51187	433.52
Si	-68.6109	8.9505	50.1867	86.53817	464.17
Si	-78.0543	-18.3939	-27.6892	86.54441	475.59
Si	-23.3656	-53.1958	-62.3007	86.5458	454.92
Si	56.1816	26.3514	62.3007	86.5458	444.54
Si	-8.9505	-65.6251	-53.6478	86.55618	470.4
Si	-20.8798	20.8798	81.337	86.5569	463.21
Si	-70.5968	-38.7807	25.9586	86.56054	487.3
Si	-71.0967	-26.3514	-38.0727	86.56837	459.23
Si	78.5542	-13.9222	-36.3421	86.58419	467.4
Si	71.0967	-48.2241	-13.8446	86.64954	461.83
Si	3.9787	-63.6392	-57.109	86.65909	468.02
Si	-80.5401	-8.9505	25.9586	86.67373	466.12
Si	-5.9646	50.7099	-70.9536	86.67378	459.49
Si	-73.5825	3.9787	43.2644	86.68511	463.75
Si	38.2807	78.0543	17.3058	86.6861	463.5
Si	43.7524	75.5684	-15.5752	86.69276	456.64
Si	61.1533	-28.3373	-55.3784	86.6947	458.44
Si	68.6109	55.6816	-8.6529	86.69552	447.93
Si	-23.3656	1.4929	83.0676	86.70739	477.19
Si	25.8515	-35.7948	-74.4147	86.72524	472.82

Si	33.809	-78.5542	-8.6529	86.75682	483.84
Si	28.3373	23.3656	79.6064	86.81143	468.93
Si	55.6816	-20.8798	64.0313	86.81567	454.28
Si	-73.0826	36.2948	27.6892	86.82954	458.09
Si	76.0684	-33.309	27.6892	86.82955	467.97
Si	3.4788	58.1675	-65.7618	86.83648	457.3
Si	-48.2241	-43.2524	55.3784	86.83714	466.67
Si	33.809	-58.6675	53.6478	86.84287	454.05
Si	26.3514	-3.4788	83.0676	86.84981	494.12
Si	-3.4788	26.3514	83.0676	86.84981	474.2
Si	-30.8231	-68.6109	39.8032	86.85137	465.14
Si	35.7948	-15.908	77.8759	86.85659	472.41
Si	38.7807	10.9363	-77.8759	86.85739	475.57
Si	28.3373	-81.0401	-3.4611	86.85792	497.75
Si	-1.4929	58.1675	65.7618	86.8651	460.48
Si	40.7666	-75.5684	8.6529	86.92378	459.16
Si	53.1958	-36.2948	58.8396	86.96662	454.28
Si	-48.2241	-33.309	62.3007	86.97315	470.89
Si	-40.7666	-68.6109	-29.4198	86.98231	466.61
Si	-35.7948	-38.7807	67.4924	86.99174	463.21
Si	-61.1533	53.1958	31.1504	86.99472	451.07
Si	-78.5542	-15.908	29.4198	87.03943	463.92
Si	15.908	-55.6816	64.0313	87.04441	468.47
Si	-48.724	-35.7948	-60.5701	87.06813	458.09
Si	-21.3797	28.3373	79.6064	87.06873	461.5
Si	-11.4363	-31.3231	-79.6064	87.07032	480.1
Si	-78.5542	-20.8798	-25.9586	87.07429	474.8
Si	23.8655	-43.7524	-70.9536	87.07513	469.91
Si	63.1392	-16.408	58.8396	87.07928	447.81
Si	63.1392	-16.408	-58.8396	87.07928	456.37
Si	-33.309	81.0401	6.9223	87.10251	487.27
Si	15.908	-70.5968	-46.7255	87.10907	471.37
Si	71.0967	-18.3939	-48.4561	87.11009	458.01
Si	8.9505	-28.8373	81.337	87.12775	483.41
Si	-25.8515	-13.9222	81.337	87.18399	468.92
Si	41.2665	-13.4222	76.1453	87.19235	471.59
Si	-76.0684	13.4222	-38.0727	87.22151	471.48
Si	-76.0684	13.4222	38.0727	87.22151	465.36
Si	-73.0826	-43.2524	-6.9223	87.24429	464.89
Si	-43.2524	71.0967	27.6892	87.2555	461.49
Si	33.309	-76.0684	-24.2281	87.26408	464.29
Si	43.2524	78.0543	-3.4611	87.2782	463.89
Si	73.5825	-13.9222	46.7255	87.2801	448.99
Si	-70.5968	-13.9222	46.7255	87.28011	464.17
Si	63.6392	10.9363	60.5701	87.29305	444.94
Si	23.8655	-63.6392	53.6478	87.29724	462.7
Si	81.0401	11.4363	-34.6115	87.31887	475.57
Si	80.5401	8.9505	36.3421	87.32027	465.59
Si	63.6392	-33.809	-50.1867	87.33315	459.13
Si	78.0543	-16.408	-38.0727	87.35914	468.65
Si	-53.1958	-38.2807	-55.3784	87.40458	454.71
Si	-8.9505	-60.6534	-60.5701	87.40687	465.18
Si	-81.0401	28.3373	-10.3835	87.40786	481.84
Si	-53.6957	-50.7099	43.2644	87.42271	467.41
Si	13.9222	-78.5542	32.8809	87.42533	471.5
Si	-70.5968	50.7099	5.1917	87.4425	452.09
Si	48.724	30.8231	67.4924	87.44296	443.3
Si	-30.8231	-43.7524	67.4924	87.44533	460.57
Si	-43.7524	33.809	-67.4924	87.44533	460.53
Si	81.0401	-28.3373	-20.7669	87.45777	476.1
Si	-56.1816	3.4788	65.7618	87.49236	467.4
Si	80.5401	33.809	-19.0363	87.49387	474.52

Si	-71.0967	-46.2382	-10.3835	87.49471	465.05
Si	-63.6392	13.9222	57.109	87.5106	464.6
Si	-20.8798	-38.7807	74.4147	87.52169	460.16
Si	75.5684	-15.908	43.2644	87.53163	449.5
Si	25.8515	-70.5968	43.2644	87.53322	450.94
Si	30.8231	78.5542	29.4198	87.54564	456.82
Si	28.8373	80.5401	25.9586	87.57871	456.15
Si	-31.3231	-66.125	44.995	87.59918	464.14
Si	-75.5684	-18.8939	-36.3421	87.60604	468.24
Si	-18.8939	48.724	70.9536	87.64024	453.96
Si	-28.3373	-43.2524	-69.223	87.65732	460.45
Si	-43.2524	31.3231	-69.223	87.65732	459.84
Si	55.6816	68.6109	15.5752	87.65744	448.67
Si	-81.0401	18.3939	-24.2281	87.66036	482.36
Si	53.6957	30.8231	-64.0313	87.66644	443.34
Si	33.809	70.5968	-43.2644	87.70106	457.18
Si	-50.7099	-18.8939	67.4924	87.72676	465.8
Si	-1.4929	38.2807	79.6064	87.74648	460.32
Si	78.0543	-41.2665	3.4611	87.76101	468.97
Si	58.1675	-11.4363	-65.7618	87.77127	451.77
Si	-70.5968	-23.8655	-43.2644	87.81672	456.56
Si	-23.3656	81.0401	27.6892	87.82024	470.09
Si	-78.0543	-23.3656	-27.6892	87.82025	475.03
Si	-6.4646	-56.1816	-65.7618	87.83104	463.21
Si	-0.993	-58.6675	-64.0313	87.89454	464.42
Si	-66.125	48.2241	31.1504	87.89954	452.01
Si	81.0401	-33.309	13.8446	87.92384	472.59
Si	58.1675	-41.2665	-51.9173	87.95327	453.7
Si	-60.6534	15.908	60.5701	87.96985	464.7
Si	-18.8939	43.7524	-74.4147	87.97177	452.68
Si	-25.8515	20.8798	81.337	87.97315	462.92
Si	-28.8373	43.7524	70.9536	87.97835	456.25
Si	23.3656	63.1392	58.8396	87.98167	453.07
Si	23.3656	63.1392	-58.8396	87.98167	445.37
Si	58.6675	20.8798	-64.0313	88.00445	443.76
Si	-50.7099	-28.8373	-64.0313	88.00602	467.27
Si	-55.6816	45.7383	-50.1867	88.00728	434.37
Si	45.7383	58.6675	50.1867	88.00728	435.57
Si	71.0967	-48.2241	-20.7669	88.02121	457.01
Si	-55.6816	-58.6675	-29.4198	88.05521	466.36
Si	13.9222	60.6534	-64.0313	88.05935	450.83
Si	76.0684	46.2382	13.8446	88.0643	448.13
Si	-53.6957	-10.9363	-67.4924	88.06532	471.37
Si	33.809	35.7948	74.4147	88.08236	459.23
Si	-26.3514	-76.0684	-31.1504	88.09884	464.53
Si	40.7666	-10.9363	77.8759	88.0997	471.19
Si	56.1816	31.3231	-62.3007	88.10262	444.05
Si	-41.2665	-61.1533	-44.995	88.1899	448.69
Si	71.0967	-33.309	41.5338	88.20951	448.46
Si	-68.1109	-33.309	41.5338	88.20951	488.59
Si	71.0967	36.2948	-41.5338	88.20951	437.91
Si	8.9505	-78.5542	-36.3421	88.22646	477.18
Si	-18.8939	58.6675	64.0313	88.23011	453.16
Si	-63.1392	61.1533	6.9223	88.23032	449.44
Si	-50.7099	-68.6109	12.114	88.24072	466.54
Si	38.7807	30.8231	74.4147	88.25073	456.31
Si	-81.0401	-1.4929	-31.1504	88.26639	478.36
Si	75.5684	-45.7383	8.6529	88.27707	468.21
Si	-45.7383	75.5684	-8.6529	88.27707	448.59
Si	46.2382	1.4929	-76.1453	88.31902	463.14
Si	78.0543	38.2807	24.2281	88.32888	443.05
Si	-30.8231	60.6534	-57.109	88.34999	460.7

Si	51.2099	-53.1958	48.4561	88.37776	449.6
Si	71.0967	26.3514	48.4561	88.37776	460.36
Si	56.1816	51.2099	48.4561	88.37776	438.57
Si	-46.2382	-66.125	31.1504	88.43519	470.41
Si	-6.4646	-36.2948	79.6064	88.47835	482.05
Si	-25.8515	-78.5542	25.9586	88.48226	471.07
Si	20.8798	-35.7948	77.8759	88.49225	471.81
Si	63.1392	-61.1533	-10.3835	88.50214	452.86
Si	56.1816	71.0967	0	88.5186	448.89
Si	56.1816	-68.1109	0	88.5186	453.36
Si	-18.3939	-58.1675	-62.3007	88.52246	453.69
Si	-28.8373	-15.908	-81.337	88.53486	468.73
Si	73.0826	43.2524	31.1504	88.53974	443.52
Si	8.9505	-68.6109	53.6478	88.5903	464.99
Si	-68.6109	8.9505	-53.6478	88.5903	463.91
Si	-68.6109	-5.9646	-53.6478	88.5903	471.05
Si	58.6675	60.6534	32.8809	88.60047	435.25
Si	-76.0684	-41.2665	-3.4611	88.63466	466.01
Si	10.9363	48.724	-74.4147	88.64261	464.52
Si	58.6675	-28.8373	60.5701	88.64304	452.49
Si	78.5542	-33.809	25.9586	88.64831	469.09
Si	-33.809	78.5542	-25.9586	88.64831	454.79
Si	-15.908	-48.724	-70.9536	88.6507	456.95
Si	-76.0684	43.2524	-10.3835	88.69853	462.71
Si	-63.6392	-25.8515	-53.6478	88.70167	459.5
Si	63.6392	60.6534	-22.4975	88.70316	441.15
Si	-45.7383	70.5968	-29.4198	88.72231	453.07
Si	-55.6816	-63.6392	19.0363	88.73272	470.23
Si	-8.9505	68.6109	57.109	88.74299	456.58
Si	-8.9505	48.724	-74.4147	88.7547	456.9
Si	30.8231	-75.5684	-32.8809	88.76863	462.89
Si	-68.6109	53.6957	15.5752	88.7821	447.15
Si	71.0967	56.1816	-6.9223	88.78886	447.29
Si	56.1816	71.0967	-6.9223	88.78886	449.26
Si	-26.3514	-81.0401	-17.3058	88.80591	484.34
Si	-28.3373	11.4363	83.0676	88.8197	469.03
Si	-35.7948	-68.6109	39.8032	88.82122	464.05
Si	78.0543	3.4788	-44.995	88.82645	463.72
Si	58.1675	-66.125	-10.3835	88.83697	455.76
Si	23.3656	-31.3231	-79.6064	88.8397	472.43
Si	-25.8515	-53.6957	-64.0313	88.84539	453.25
Si	-28.3373	-33.309	76.1453	88.87699	463.25
Si	-43.2524	-8.4505	-76.1453	88.87699	456.64
Si	38.7807	45.7383	67.4924	88.90025	448.78
Si	-63.1392	46.2382	-41.5338	88.90729	435.96
Si	-23.3656	76.0684	41.5338	88.9073	452.91
Si	48.724	-23.8655	-70.9536	88.9283	456.37
Si	46.2382	-58.1675	48.4561	88.93536	448.55
Si	-58.1675	46.2382	-48.4561	88.93536	436.06
Si	61.1533	46.2382	-48.4561	88.93536	429.04
Si	61.1533	46.2382	48.4561	88.93536	441.23
Si	1.4929	-73.0826	48.4561	88.93536	466.75
Si	76.0684	41.2665	27.6892	88.93896	443.85
Si	-38.2807	76.0684	-27.6892	88.93896	455.95
Si	-56.1816	-66.125	-3.4611	88.94104	462.21
Si	48.724	60.6534	46.7255	88.96075	435.46
Si	60.6534	-45.7383	-46.7255	88.96075	457.72
Si	48.724	50.7099	-57.109	88.96367	443.66
Si	81.0401	21.3797	-34.6115	89.00111	472.21
Si	-38.7807	-75.5684	-19.0363	89.01007	461.85
Si	-41.2665	73.0826	-31.1504	89.01571	453.61
Si	76.0684	6.4646	48.4561	89.07423	456.95

Si	-3.4788	76.0684	48.4561	89.07423	456.59
Si	66.125	56.1816	-27.6892	89.0778	439.14
Si	56.1816	66.125	27.6892	89.0778	441.78
Si	-48.2241	-38.2807	62.3007	89.07916	470.63
Si	68.1109	58.1675	-17.3058	89.15973	442.34
Si	58.1675	68.1109	-17.3058	89.15973	442.01
Si	-38.7807	48.724	64.0313	89.17816	442.93
Si	-38.2807	-38.2807	69.223	89.19474	463.01
Si	41.2665	-38.2807	69.223	89.19474	459.34
Si	28.8373	25.8515	81.337	89.20069	469.39
Si	81.0401	41.2665	-6.9223	89.20546	464.72
Si	-78.0543	41.2665	-6.9223	89.20547	462.22
Si	-48.724	-70.5968	15.5752	89.22582	467.63
Si	58.6675	25.8515	-64.0313	89.23156	443.4
Si	63.6392	-48.724	39.8032	89.26475	442.46
Si	-78.0543	-33.309	20.7669	89.27595	474.95
Si	35.7948	78.5542	29.4198	89.3342	455.37
Si	63.1392	58.1675	-31.1504	89.34551	439.15
Si	40.7666	-75.5684	22.4975	89.37006	452.58
Si	-60.6534	-58.6675	-22.4975	89.37315	464.89
Si	-66.125	28.3373	-51.9173	89.37675	466.57
Si	78.0543	-41.2665	17.3058	89.38403	470.63
Si	-35.7948	-43.7524	67.4924	89.4021	460.28
Si	-30.8231	70.5968	46.7255	89.45918	451.22
Si	36.2948	46.2382	69.223	89.47144	446.66
Si	46.2382	-33.309	-69.223	89.47144	454.34
Si	0.993	38.7807	-81.337	89.47814	461.97
Si	11.4363	-68.1109	55.3784	89.50043	464.11
Si	-48.2241	-48.2241	-55.3784	89.50043	438.34
Si	-16.408	38.2807	79.6064	89.50403	460.11
Si	8.9505	50.7099	74.4147	89.52924	458.64
Si	45.7383	73.5825	29.4198	89.55497	450.03
Si	50.7099	-30.8231	-67.4924	89.5649	455.23
Si	50.7099	-50.7099	-53.6478	89.5854	440.38
Si	71.0967	56.1816	13.8446	89.59473	449.7
Si	-6.4646	-71.0967	-51.9173	89.59896	468.49
Si	-15.908	-78.5542	-36.3421	89.61633	473.03
Si	28.3373	78.0543	-38.0727	89.6203	463.39
Si	-33.809	48.724	-67.4924	89.6227	451.88
Si	-43.7524	53.6957	57.109	89.63094	439.01
Si	-60.6534	60.6534	25.9586	89.64355	442.73
Si	63.1392	-26.3514	-58.8396	89.65302	460.99
Si	-75.5684	45.7383	12.114	89.68195	454.85
Si	-76.0684	3.4788	44.995	89.68972	462.4
Si	-61.1533	-36.2948	-51.9173	89.70985	453.3
Si	53.6957	-63.6392	32.8809	89.7133	436.45
Si	-76.0684	43.2524	17.3058	89.7725	454.52
Si	56.1816	-43.2524	-55.3784	89.77618	454.27
Si	-53.1958	-43.2524	55.3784	89.77618	465.52
Si	-43.2524	-53.1958	-55.3784	89.77618	438.61
Si	8.9505	75.5684	-50.1867	89.78588	463.44
Si	-56.1816	68.1109	17.3058	89.79864	448.55
Si	38.2807	-36.2948	-72.6842	89.8011	461.23
Si	3.9787	-48.724	74.4147	89.80798	460.76
Si	80.5401	23.8655	36.3421	89.83179	467.56
Si	5.9646	-80.5401	36.3421	89.8341	469.22
Si	48.2241	68.1109	-38.0727	89.84036	433.26
Si	-45.7383	75.5684	19.0363	89.89077	456.2
Si	55.6816	33.809	64.0313	89.893	442.89
Si	-48.2241	76.0684	6.9223	89.89552	455.53
Si	-68.1109	51.2099	27.6892	89.9064	449.58
Si	66.125	-3.4788	62.3007	89.90775	448.55

Si	58.1675	-66.125	-17.3058	89.90929	455.01
Si	3.4788	43.2524	-79.6064	89.91655	461.08
Si	78.0543	-26.3514	-38.0727	89.92486	468.88
Si	73.5825	5.9646	53.6478	89.97223	456.47
Si	10.9363	38.7807	-81.337	89.9737	472.68
Si	-66.125	-6.4646	58.8396	89.98664	462.24
Si	-78.0543	-38.2807	13.8446	90.00762	474.4
Si	-53.6957	-20.8798	-67.4924	90.00861	472.04
Si	58.1675	-36.2948	-58.8396	90.01118	452.48
Si	38.7807	-53.6957	60.5701	90.02724	452.31
Si	41.2665	66.125	48.4561	90.04022	435.75
Si	28.3373	-61.1533	-58.8396	90.04033	452.75
Si	-73.5825	18.8939	-46.7255	90.12431	462.35
Si	80.5401	-0.993	43.2644	90.14684	457.57
Si	-56.1816	-51.2099	-44.995	90.15808	445.31
Si	-73.0826	-13.4222	48.4561	90.17738	462.89
Si	76.0684	-13.4222	-48.4561	90.17738	457.31
Si	-1.4929	63.1392	65.7618	90.1876	456.24
Si	-13.4222	71.0967	-55.3784	90.18823	466.67
Si	8.9505	-53.6957	-70.9536	90.19874	464.12
Si	-23.3656	26.3514	83.0676	90.20042	461.8
Si	45.7383	-75.5684	15.5752	90.21468	450.51
Si	78.5542	5.9646	46.7255	90.23149	454.45
Si	38.2807	-56.1816	-58.8396	90.23183	441.57
Si	-78.0543	26.3514	34.6115	90.24223	471
Si	-40.7666	70.5968	39.8032	90.25243	449.81
Si	33.309	68.1109	-51.9173	90.25311	443.29
Si	35.7948	-80.5401	15.5752	90.26977	462.18
Si	-35.7948	-63.6392	-50.1867	90.28434	446.93
Si	-61.1533	-51.2099	38.0727	90.28653	467
Si	71.0967	-38.2807	41.5338	90.28668	448.89
Si	48.2241	78.0543	-10.3835	90.29546	458.61
Si	-45.7383	-53.6957	53.6478	90.30314	468.6
Si	-8.4505	-63.1392	62.3007	90.31919	449.68
Si	75.5684	-10.9363	50.1867	90.3348	449.36
Si	40.7666	3.9787	-81.337	90.35657	462.56
Si	61.1533	66.125	-20.7669	90.37663	442.29
Si	15.908	63.6392	64.0313	90.38781	451.13
Si	23.8655	75.5684	46.7255	90.39357	456.29
Si	-18.8939	53.6957	70.9536	90.41663	452.59
Si	-28.3373	-73.0826	-41.5338	90.42346	452.17
Si	-53.1958	21.3797	69.223	90.43319	453.68
Si	21.3797	-53.1958	-69.223	90.43319	468.15
Si	-60.6534	-63.6392	-8.6529	90.439	462.46
Si	-58.6675	3.9787	-67.4924	90.44708	453.41
Si	-18.8939	68.6109	57.109	90.45372	459.88
Si	21.3797	31.3231	83.0676	90.47404	475.03
Si	68.1109	-51.2099	31.1504	90.47589	451.16
Si	-55.6816	-53.6957	-43.2644	90.4794	447.68
Si	-31.3231	-26.3514	-79.6064	90.4952	467.2
Si	5.9646	-65.6251	-60.5701	90.51827	468.23
Si	-43.7524	58.6675	-53.6478	90.52155	453.66
Si	21.3797	46.2382	-76.1453	90.53029	458.06
Si	21.3797	46.2382	76.1453	90.53029	451.98
Si	-35.7948	75.5684	-36.3421	90.54452	453.5
Si	-58.6675	68.6109	8.6529	90.54811	448.04
Si	58.6675	20.8798	67.4924	90.55388	442.97
Si	50.7099	-25.8515	70.9536	90.57838	455.52
Si	-16.408	78.0543	-44.995	90.59049	466.44
Si	60.6534	-10.9363	-67.4924	90.60724	453.13
Si	-8.4505	-33.309	83.0676	90.61054	479.65
Si	-55.6816	-68.6109	5.1917	90.61137	460.78

Si	-76.0684	48.2241	3.4611	90.61756	453.67
Si	-76.0684	48.2241	-3.4611	90.61756	456.51
Si	40.7666	-5.9646	-81.337	90.62972	465.27
Si	-80.5401	-33.809	-15.5752	90.65444	475.99
Si	-0.993	65.6251	-64.0313	90.65934	460.12
Si	43.2524	13.4222	79.6064	90.68269	448.73
Si	51.2099	76.0684	-13.8446	90.69156	457.41
Si	-48.2241	76.0684	13.8446	90.69156	454.55
Si	73.0826	-31.3231	-44.995	90.70017	458.65
Si	-11.4363	-51.2099	-72.6842	90.70686	458.19
Si	-8.9505	78.5542	-46.7255	90.7237	464.35
Si	-10.9363	-53.6957	-70.9536	90.74516	458.98
Si	73.5825	45.7383	32.8809	90.75089	444.13
Si	-23.8655	-80.5401	29.4198	90.76341	470.02
Si	-25.8515	55.6816	67.4924	90.77093	452.79
Si	53.1958	18.3939	-72.6842	90.78447	441.57
Si	-28.8373	-40.7666	-74.4147	90.79279	460.46
Si	23.3656	-36.2948	79.6064	90.79379	471.25
Si	-13.9222	-35.7948	-81.337	90.79488	481.86
Si	-38.7807	-0.993	-81.337	90.79565	452.35
Si	-65.6251	50.7099	-36.3421	90.81786	435.32
Si	-81.0401	-36.2948	-3.4611	90.83824	468.98
Si	43.2524	48.2241	-65.7618	90.84207	439.59
Si	43.2524	48.2241	65.7618	90.84207	448.06
Si	-73.5825	28.8373	43.2644	90.86167	465.76
Si	78.0543	-36.2948	-31.1504	90.88401	462.5
Si	78.5542	-33.809	32.8809	90.9166	467.96
Si	-68.1109	56.1816	-20.7669	90.92198	447.23
Si	-53.6957	73.5825	-5.1917	90.93766	443.76
Si	41.2665	31.3231	76.1453	90.93892	459.73
Si	-58.6675	-35.7948	57.109	90.94547	464.96
Si	81.0401	16.408	-41.5338	90.96853	465.4
Si	56.1816	61.1533	41.5338	90.96853	433
Si	80.5401	43.7524	15.5752	90.97755	448.4
Si	16.408	66.125	62.3007	91.0008	451.59
Si	16.408	-63.1392	-62.3007	91.0008	456.27
Si	23.8655	65.6251	60.5701	91.00664	452.53
Si	33.809	35.7948	-77.8759	91.02528	468.78
Si	75.5684	53.6957	8.6529	91.03404	449.52
Si	63.1392	-11.4363	-65.7618	91.0607	454.18
Si	6.4646	51.2099	76.1453	91.07472	457.19
Si	-46.2382	-56.1816	51.9173	91.10437	470.21
Si	33.809	-23.8655	81.337	91.12129	469.24
Si	-78.5542	38.7807	22.4975	91.12661	451.08
Si	-18.3939	76.0684	-48.4561	91.13169	468.68
Si	21.3797	-68.1109	55.3784	91.14242	462.02
Si	48.2241	-76.0684	-10.3835	91.14482	457.66
Si	58.1675	-26.3514	-65.7618	91.16982	453
Si	38.7807	80.5401	25.9586	91.17398	453.69
Si	73.0826	43.2524	-38.0727	91.20563	434.47
Si	53.1958	48.2241	-58.8396	91.20903	444.19
Si	5.9646	58.6675	70.9536	91.23232	457.07
Si	78.0543	33.309	38.0727	91.23289	453.26
Si	-53.1958	-53.1958	48.4561	91.2672	464.92
Si	31.3231	-58.1675	62.3007	91.27202	460.07
Si	-28.3373	-58.1675	62.3007	91.27202	458.18
Si	-13.4222	-33.309	83.0676	91.28997	480.73
Si	16.408	36.2948	83.0676	91.28997	473.27
Si	-78.5542	-5.9646	43.2644	91.29604	458.5
Si	-26.3514	-46.2382	72.6842	91.3047	454.58
Si	-31.3231	63.1392	-58.8396	91.31949	459.41
Si	70.5968	-15.908	57.109	91.32125	449.05

Si	41.2665	76.0684	34.6115	91.33128	449.06
Si	-66.125	-31.3231	51.9173	91.34808	459.67
Si	-31.3231	-66.125	-51.9173	91.34808	446.68
Si	-45.7383	-63.6392	-43.2644	91.34972	451.39
Si	-51.2099	-71.0967	17.3058	91.35822	466.54
Si	-51.2099	-71.0967	-17.3058	91.35822	457.37
Si	-65.6251	-48.724	-36.3421	91.3636	449.52
Si	60.6534	-25.8515	64.0313	91.36562	451.95
Si	-43.7524	-75.5684	-19.0363	91.36721	461.36
Si	-53.6957	28.8373	-67.4924	91.37137	452.62
Si	58.1675	73.0826	-3.4611	91.37327	450.08
Si	61.1533	1.4929	69.223	91.38483	446.59
Si	1.4929	-58.1675	69.223	91.38483	465.37
Si	-58.1675	1.4929	69.223	91.38483	467.37
Si	51.2099	46.2382	-62.3007	91.40733	443.36
Si	78.0543	23.3656	-44.995	91.45824	461.49
Si	56.1816	66.125	-34.6115	91.46649	431.46
Si	-65.6251	60.6534	19.0363	91.47218	443.13
Si	65.6251	13.9222	64.0313	91.47362	444.25
Si	80.5401	-30.8231	-32.8809	91.50929	465.68
Si	-63.1392	-48.2241	-41.5338	91.51036	452.16
Si	66.125	51.2099	-41.5338	91.51036	433.31
Si	68.1109	-61.1533	3.4611	91.51221	449.41
Si	41.2665	46.2382	69.223	91.51997	448.86
Si	81.0401	-43.2524	-6.9223	91.53042	464.29
Si	68.1109	23.3656	58.8396	91.53396	443.51
Si	51.2099	-58.1675	-48.4561	91.53763	439.07
Si	-58.1675	-48.2241	-48.4561	91.53763	445.54
Si	61.1533	51.2099	48.4561	91.53763	439.91
Si	38.7807	45.7383	-70.9536	91.55565	438.5
Si	-75.5684	30.8231	39.8032	91.55879	466.07
Si	63.1392	-66.125	3.4611	91.56651	450.89
Si	-31.3231	78.0543	38.0727	91.58639	450.46
Si	10.9363	58.6675	70.9536	91.61069	455.23
Si	-40.7666	80.5401	19.0363	91.63357	457.94
Si	66.125	66.125	-6.9223	91.66534	442.27
Si	-41.2665	73.0826	-38.0727	91.66776	453.28
Si	-58.1675	-68.1109	0	91.67362	462.26
Si	48.724	-38.7807	67.4924	91.69497	457.23
Si	-46.2382	53.1958	58.8396	91.72535	439.33
Si	-55.6816	25.8515	67.4924	91.74691	453.69
Si	43.7524	65.6251	-50.1867	91.74691	438.26
Si	-43.2524	-23.3656	-76.1453	91.75071	463.28
Si	-23.3656	46.2382	-76.1453	91.75071	452.01
Si	-21.3797	68.1109	-58.8396	91.77803	458.56
Si	68.1109	-21.3797	-58.8396	91.77803	458.03
Si	-71.0967	48.2241	-31.1504	91.77908	433.46
Si	33.309	-31.3231	-79.6064	91.7951	468.54
Si	-31.3231	33.309	-79.6064	91.7951	450.84
Si	55.6816	-35.7948	64.0313	91.79761	452.78
Si	-38.7807	28.8373	77.8759	91.83857	456.22
Si	78.0543	-46.2382	-17.3058	91.86619	458.13
Si	48.724	35.7948	-70.9536	91.87936	445.4
Si	63.6392	60.6534	32.8809	91.88727	433.84
Si	25.8515	43.7524	77.8759	91.89043	452.8
Si	-68.1109	61.1533	-6.9223	91.9346	448.33
Si	21.3797	66.125	-62.3007	91.94656	443.91
Si	-36.2948	43.2524	-72.6842	91.94972	451.28
Si	66.125	36.2948	-55.3784	91.95242	434.54
Si	0.993	73.5825	57.109	91.97066	453.12
Si	58.1675	63.1392	-38.0727	91.98806	431.74
Si	65.6251	-55.6816	-32.8809	91.99466	446.52

Si	-61.1533	-31.3231	-58.8396	91.99744	458.79
Si	-18.8939	-80.5401	36.3421	92.00972	464.14
Si	18.8939	-58.6675	67.4924	92.07219	467.68
Si	33.809	-68.6109	-50.1867	92.0737	439.47
Si	-55.6816	40.7666	60.5701	92.0874	439.58
Si	65.6251	63.6392	22.4975	92.09357	441.76
Si	41.2665	1.4929	83.0676	92.09867	463.73
Si	43.7524	10.9363	81.337	92.14527	450.8
Si	-40.7666	-23.8655	-77.8759	92.16053	460.5
Si	58.1675	3.4788	-72.6842	92.18969	439.67
Si	3.4788	58.1675	-72.6842	92.18969	455.45
Si	-76.0684	48.2241	-17.3058	92.1903	456.26
Si	35.7948	-40.7666	-74.4147	92.19565	463.37
Si	-41.2665	58.1675	-58.8396	92.20884	454.04
Si	28.3373	-81.0401	-31.1504	92.20988	464.68
Si	-63.1392	-58.1675	27.6892	92.21368	465.76
Si	63.6392	10.9363	67.4924	92.23103	443.99
Si	-3.4788	41.2665	83.0676	92.23277	461.22
Si	-73.5825	-50.7099	-12.114	92.23996	463.98
Si	-8.9505	43.7524	-81.337	92.25311	462.56
Si	-65.6251	60.6534	-22.4975	92.25462	448.26
Si	-48.2241	-68.1109	34.6115	92.27364	468.09
Si	30.8231	33.809	-81.337	92.30548	468.78
Si	48.724	65.6251	46.7255	92.34169	434.73
Si	-43.2524	66.125	-48.4561	92.34416	450.05
Si	76.0684	26.3514	48.4561	92.34417	459.76
Si	-25.8515	65.6251	60.5701	92.35468	457.93
Si	-48.2241	-53.1958	55.3784	92.35476	469.2
Si	-68.1109	26.3514	55.3784	92.35476	455.34
Si	56.1816	-48.2241	55.3784	92.35476	443.2
Si	55.6816	8.9505	-74.4147	92.35577	441.58
Si	-78.5542	-30.8231	-32.8809	92.37439	464.51
Si	-13.9222	-45.7383	77.8759	92.37454	463.04
Si	78.5542	-48.724	-8.6529	92.38542	460.71
Si	-30.8231	55.6816	67.4924	92.39034	452.28
Si	70.5968	23.8655	57.109	92.39758	444.59
Si	-50.7099	55.6816	53.6478	92.41021	437.66
Si	-45.7383	-73.5825	25.9586	92.41729	468
Si	58.1675	8.4505	72.6842	92.43054	443.55
Si	58.6675	-68.6109	19.0363	92.44376	446.79
Si	66.125	66.125	-13.8446	92.44615	440.83
Si	18.3939	-81.0401	38.0727	92.44927	467.42
Si	48.724	80.5401	-8.6529	92.48849	456.96
Si	60.6534	23.8655	-67.4924	92.49714	442.38
Si	-21.3797	-66.125	-58.8396	92.50637	447.8
Si	-6.4646	58.1675	-72.6842	92.51118	458.13
Si	-75.5684	40.7666	32.8809	92.53122	448.49
Si	-65.6251	40.7666	-50.1867	92.55237	432.91
Si	-73.5825	-25.8515	-46.7255	92.55977	456.07
Si	28.8373	-73.5825	46.7255	92.55977	449.53
Si	-68.1109	46.2382	-41.5338	92.58449	435.15
Si	-43.2524	-68.1109	41.5338	92.58449	464.55
Si	-58.1675	16.408	69.223	92.59399	452.59
Si	61.1533	16.408	69.223	92.59399	445.14
Si	80.5401	-25.8515	-39.8032	92.63087	467.63
Si	-81.0401	-16.408	38.0727	92.63728	455.35
Si	-51.2099	-21.3797	72.6842	92.6484	465.02
Si	-61.1533	58.1675	-38.0727	92.66112	429.03
Si	80.5401	13.9222	-46.7255	92.6619	462.57
Si	13.9222	80.5401	46.7255	92.6619	459.37
Si	58.1675	-71.0967	-10.3835	92.67727	454.47
Si	71.0967	-58.1675	-13.8446	92.71313	455.85

Si	-68.1109	-58.1675	-13.8446	92.71313	458.1
Si	-73.0826	56.1816	-6.9223	92.73768	452.02
Si	-73.0826	56.1816	6.9223	92.73768	450.73
Si	-53.1958	71.0967	27.6892	92.74823	442.2
Si	63.1392	-51.2099	44.995	92.74911	443.37
Si	-21.3797	43.2524	79.6064	92.75882	455.8
Si	-25.8515	-33.809	81.337	92.78817	462.56
Si	58.1675	-31.3231	-65.7618	92.80906	453.34
Si	3.4788	-46.2382	79.6064	92.84066	460.46
Si	-65.6251	65.6251	-1.7306	92.84798	447.19
Si	-1.4929	-46.2382	-79.6064	92.86743	461.41
Si	-1.4929	-46.2382	79.6064	92.86743	461.01
Si	-43.2524	-58.1675	-55.3784	92.88849	439.62
Si	-5.9646	45.7383	81.337	92.89229	462.02
Si	-80.5401	-3.9787	-43.2644	92.90407	462.11
Si	-35.7948	35.7948	-77.8759	92.90668	451.44
Si	-65.6251	-53.6957	32.8809	92.90727	466.36
Si	58.1675	73.0826	17.3058	92.93323	447.28
Si	73.5825	55.6816	-22.4975	92.94877	434.43
Si	78.5542	-38.7807	32.8809	92.96002	466.23
Si	-30.8231	-53.6957	67.4924	92.98033	457.25
Si	-78.5542	8.9505	-46.7255	92.98621	459.38
Si	23.8655	-73.5825	-50.1867	93.03527	451.96
Si	-73.5825	23.8655	50.1867	93.03527	465.54
Si	8.4505	-56.1816	-72.6842	93.04699	465.48
Si	23.8655	40.7666	81.337	93.05195	453.98
Si	40.7666	23.8655	-81.337	93.05195	455.27
Si	78.0543	-41.2665	31.1504	93.06106	466.55
Si	78.0543	-41.2665	-31.1504	93.06106	461.26
Si	78.0543	-26.3514	44.995	93.06718	450.79
Si	-78.5542	48.724	-5.1917	93.0875	456.02
Si	48.724	-78.5542	5.1917	93.0875	457.22
Si	40.7666	63.6392	57.109	93.09141	434.46
Si	18.8939	75.5684	53.6478	93.10246	454.41
Si	75.5684	18.8939	-53.6478	93.10246	448.46
Si	25.8515	-70.5968	-53.6478	93.10396	449.92
Si	-43.7524	-0.993	-81.337	93.10759	454.02
Si	-53.1958	31.3231	69.223	93.12636	450.15
Si	-38.2807	81.0401	-27.6892	93.14713	455.96
Si	-78.0543	41.2665	-27.6892	93.14714	444.93
Si	-23.3656	66.125	-62.3007	93.14843	458.76
Si	-56.1816	-56.1816	-44.995	93.15171	450.09
Si	-10.9363	60.6534	-70.9536	93.21403	457.75
Si	31.3231	-43.2524	-76.1453	93.22065	465.99
Si	46.2382	-28.3373	76.1453	93.22065	455.62
Si	73.5825	60.6534	-1.7306	93.2731	445.92
Si	-61.1533	-56.1816	-38.0727	93.27605	449.23
Si	-78.0543	6.4646	-48.4561	93.27631	460.24
Si	-18.8939	48.724	77.8759	93.33302	454.43
Si	-60.6534	70.5968	-8.6529	93.34009	441.8
Si	-8.9505	-65.6251	64.0313	93.3482	450.71
Si	-75.5684	25.8515	46.7255	93.35451	465.56
Si	73.5825	-23.8655	53.6478	93.37054	444.8
Si	-18.8939	-55.6816	70.9536	93.37537	452.97
Si	-68.6109	53.6957	-32.8809	93.38538	434.35
Si	23.3656	-61.1533	65.7618	93.42153	464.07
Si	-10.9363	45.7383	81.337	93.42295	462.66
Si	-58.6675	-45.7383	-53.6478	93.4245	445.72
Si	-45.7383	-68.6109	39.8032	93.43241	466.05
Si	-68.6109	-45.7383	-39.8032	93.43241	451.79
Si	43.2524	-76.0684	31.1504	93.43424	447.39
Si	-30.8231	-38.7807	-77.8759	93.43948	462.88

Si	-26.3514	53.1958	72.6842	93.44239	451.86
Si	68.1109	-56.1816	-31.1504	93.45935	447.73
Si	68.1109	-56.1816	31.1504	93.45935	448.37
Si	81.0401	36.2948	-34.6115	93.47131	444.71
Si	-10.9363	-68.6109	60.5701	93.47601	451.14
Si	-53.6957	13.9222	-74.4147	93.47634	444.73
Si	48.724	45.7383	67.4924	93.50754	446.14
Si	76.0684	-53.1958	-13.8446	93.50954	458.42
Si	-53.1958	76.0684	13.8446	93.50954	453.83
Si	61.1533	-18.3939	-69.223	93.52364	451.87
Si	-18.3939	-58.1675	-69.223	93.52364	455.58
Si	75.5684	38.7807	43.2644	93.53806	445.46
Si	71.0967	6.4646	62.3007	93.54563	444.99
Si	6.4646	71.0967	62.3007	93.54563	455.67
Si	58.1675	-66.125	31.1504	93.56567	433.61
Si	-66.125	28.3373	58.8396	93.5676	456.78
Si	-55.6816	75.5684	-1.7306	93.59012	444.46
Si	75.5684	58.6675	1.7306	93.59012	445.43
Si	-78.0543	-43.2524	20.7669	93.60109	473.48
Si	-73.0826	46.2382	34.6115	93.60344	445.24
Si	76.0684	46.2382	-34.6115	93.60344	434.58
Si	43.7524	50.7099	67.4924	93.61307	447.09
Si	-38.2807	-68.1109	-48.4561	93.67295	447.78
Si	-11.4363	-56.1816	-72.6842	93.68296	459.83
Si	45.7383	43.7524	70.9536	93.69057	446.71
Si	58.1675	-71.0967	-17.3058	93.70565	455.16
Si	-55.6816	75.5684	5.1917	93.71804	450.61
Si	-60.6534	70.5968	12.114	93.72433	447.61
Si	50.7099	18.8939	77.8759	93.75373	451.85
Si	-6.4646	-71.0967	58.8396	93.77987	451.13
Si	-43.2524	46.2382	-69.223	93.78757	449.16
Si	75.5684	48.724	-32.8809	93.80364	436.33
Si	-66.125	-51.2099	-38.0727	93.80454	450.27
Si	-58.6675	63.6392	36.3421	93.81989	440.66
Si	-60.6534	50.7099	-50.1867	93.82524	435.03
Si	48.2241	18.3939	79.6064	93.84368	450.28
Si	13.9222	-58.6675	-70.9536	93.85182	463.8
Si	5.9646	-50.7099	77.8759	93.86046	460.02
Si	6.4646	56.1816	76.1453	93.88119	456.7
Si	-3.4788	-53.1958	-76.1453	93.88119	460.1
Si	-36.2948	-61.1533	-58.8396	93.88583	444.24
Si	-23.8655	-65.6251	-60.5701	93.89681	447.48
Si	-50.7099	-3.9787	-77.8759	93.91341	454.83
Si	63.6392	30.8231	-64.0313	93.92776	442.44
Si	-48.724	78.5542	-19.0363	93.92857	451.12
Si	-75.5684	-48.724	19.0363	93.92857	469.61
Si	40.7666	53.6957	-67.4924	93.92968	438.42
Si	75.5684	58.6675	8.6529	93.97334	449.69
Si	-45.7383	-43.7524	67.4924	93.98479	462.41
Si	61.1533	71.0967	20.7669	93.99636	447.05
Si	-26.3514	-51.2099	-72.6842	93.99934	455.53
Si	33.809	-68.6109	53.6478	94.00507	448.96
Si	-13.9222	-65.6251	64.0313	94.03428	451.67
Si	41.2665	-48.2241	-69.223	94.05075	453.36
Si	-3.9787	78.5542	-53.6478	94.05572	459.29
Si	51.2099	81.0401	-6.9223	94.06091	457.17
Si	16.408	-73.0826	55.3784	94.07833	459.49
Si	76.0684	-13.4222	55.3784	94.07834	449.09
Si	-13.4222	76.0684	55.3784	94.07834	453.75
Si	50.7099	-75.5684	22.4975	94.16425	448.37
Si	-73.0826	-38.2807	-41.5338	94.17272	453.93
Si	60.6534	-65.6251	29.4198	94.18228	435.61

Si	43.2524	68.1109	51.9173	94.21897	435.71
Si	-75.5684	55.6816	-1.7306	94.22243	451.32
Si	-50.7099	10.9363	-77.8759	94.22827	443.53
Si	18.8939	-68.6109	60.5701	94.26596	460.86
Si	28.3373	-41.2665	79.6064	94.26651	468.19
Si	-23.3656	51.2099	-76.1453	94.2753	451.07
Si	-53.1958	-8.4505	-76.1453	94.2753	456.14
Si	-23.3656	-48.2241	76.1453	94.2753	454.8
Si	25.8515	48.724	77.8759	94.28028	451.13
Si	58.1675	38.2807	-65.7618	94.28666	442.66
Si	66.125	-53.1958	41.5338	94.30386	442.27
Si	73.0826	43.2524	-44.995	94.30528	429.1
Si	45.7383	58.6675	-60.5701	94.31501	435.66
Si	-6.4646	-81.0401	-44.995	94.3375	463.01
Si	80.5401	-40.7666	29.4198	94.33903	466.75
Si	80.5401	43.7524	29.4198	94.33903	444.45
Si	46.2382	1.4929	83.0676	94.35236	463.03
Si	58.6675	75.5684	12.114	94.355	445.27
Si	75.5684	13.9222	57.109	94.35628	448.73
Si	-55.6816	-73.5825	-1.7306	94.38351	459.75
Si	-48.724	-50.7099	-60.5701	94.42256	438.77
Si	5.9646	-60.6534	70.9536	94.42756	463.34
Si	-28.8373	-35.7948	-81.337	94.47754	460.72
Si	-78.5542	-0.993	50.1867	94.51152	460.07
Si	66.125	61.1533	34.6115	94.52316	434.12
Si	-16.408	-46.2382	-79.6064	94.52982	461.11
Si	-45.7383	35.7948	74.4147	94.57779	443.69
Si	60.6534	63.6392	-39.8032	94.58547	431.08
Si	-28.3373	66.125	62.3007	94.59665	459.24
Si	-13.4222	71.0967	62.3007	94.59665	455.19
Si	58.6675	60.6534	46.7255	94.61587	432.6
Si	60.6534	-40.7666	-60.5701	94.62854	451.58
Si	-8.9505	-45.7383	-81.337	94.6338	462.06
Si	-41.2665	68.1109	51.9173	94.66639	447.12
Si	-36.2948	58.1675	-65.7618	94.68126	451.29
Si	-23.3656	61.1533	69.223	94.7055	453.12
Si	61.1533	26.3514	69.223	94.7055	442.54
Si	-63.6392	63.6392	29.4198	94.70937	442.77
Si	-35.7948	-43.7524	74.4147	94.7368	455.97
Si	68.6109	45.7383	-50.1867	94.76905	428.94
Si	-73.0826	56.1816	20.7669	94.78198	445.96
Si	56.1816	-73.0826	20.7669	94.78198	446.51
Si	35.7948	-80.5401	-32.8809	94.80084	462.23
Si	53.1958	-76.0684	-17.3058	94.80736	452.08
Si	-58.6675	68.6109	29.4198	94.81356	443.01
Si	-3.4788	66.125	-69.223	94.83591	460.39
Si	-53.1958	-33.309	69.223	94.83591	458.21
Si	56.1816	-33.309	-69.223	94.83591	451.52
Si	25.8515	-40.7666	-81.337	94.8415	468.25
Si	-70.5968	-28.8373	53.6478	94.84158	456.23
Si	-33.309	-28.3373	83.0676	94.87486	464.89
Si	3.9787	55.6816	-77.8759	94.90654	455.35
Si	36.2948	46.2382	76.1453	94.9285	447.89
Si	-58.1675	41.2665	-62.3007	94.98779	432.37
Si	-73.0826	-18.3939	-55.3784	94.99346	445.77
Si	-25.8515	-78.5542	-43.2644	95.01087	451.86
Si	-50.7099	-13.9222	-77.8759	95.0127	457.49
Si	-50.7099	-53.6957	-57.109	95.03872	438.57
Si	73.0826	63.1392	-10.3835	95.04298	443.88
Si	-68.1109	56.1816	34.6115	95.04472	442.48
Si	-31.3231	-71.0967	-51.9173	95.08702	448.73
Si	-13.9222	-55.6816	-74.4147	95.1005	458.21

Si	73.5825	25.8515	-57.109	95.14038	446.72
Si	-80.5401	-33.809	32.8809	95.1672	467.38
Si	-35.7948	75.5684	46.7255	95.18843	447.06
Si	-58.6675	63.6392	-39.8032	95.21408	428.45
Si	-56.1816	-46.2382	58.8396	95.21921	462.33
Si	-46.2382	-56.1816	-58.8396	95.21921	439.47
Si	-78.0543	-18.3939	-48.4561	95.24304	451.25
Si	15.908	-70.5968	-60.5701	95.25469	453.57
Si	5.9646	68.6109	-67.4924	95.28926	453.45
Si	70.5968	33.809	57.109	95.29483	437.54
Si	63.1392	-71.0967	-3.4611	95.29688	449.11
Si	-51.2099	-76.0684	17.3058	95.35634	466.3
Si	-65.6251	-28.8373	60.5701	95.35973	453.3
Si	81.0401	46.2382	27.6892	95.37605	443.7
Si	68.1109	58.1675	38.0727	95.39127	433.43
Si	68.1109	58.1675	-38.0727	95.39127	433.14
Si	33.809	60.6534	67.4924	95.39137	437.88
Si	41.2665	-78.0543	34.6115	95.43403	447.91
Si	-38.2807	-78.0543	-34.6115	95.43403	452.03
Si	-78.0543	-38.2807	34.6115	95.43403	466.83
Si	43.7524	80.5401	32.8809	95.47504	447.65
Si	80.5401	-40.7666	-32.8809	95.47504	460.28
Si	-53.6957	3.9787	77.8759	95.48098	457.01
Si	-31.3231	-76.0684	44.995	95.48399	457.45
Si	-66.125	68.1109	-10.3835	95.48798	442.12
Si	-33.309	-73.0826	-48.4561	95.50221	448.95
Si	21.3797	-68.1109	-62.3007	95.50681	453.05
Si	-21.3797	-56.1816	72.6842	95.56406	454.39
Si	80.5401	-0.993	-53.6478	95.56535	452.35
Si	-68.6109	63.6392	-19.0363	95.59851	446.71
Si	78.0543	-41.2665	-38.0727	95.60095	459.17
Si	-41.2665	78.0543	38.0727	95.60095	451.98
Si	68.6109	10.9363	67.4924	95.65159	443.45
Si	-63.6392	53.6957	-46.7255	95.65875	433.16
Si	-56.1816	63.1392	44.995	95.66169	436.25
Si	53.1958	13.4222	79.6064	95.66967	449.08
Si	-10.9363	55.6816	-77.8759	95.68468	456.89
Si	-61.1533	73.0826	10.3835	95.69455	447.88
Si	-28.3373	51.2099	76.1453	95.70647	454.01
Si	43.7524	65.6251	-57.109	95.70908	437.27
Si	3.9787	75.5684	60.5701	95.7189	454.7
Si	-58.1675	-73.0826	6.9223	95.75378	460.59
Si	63.1392	53.1958	-51.9173	95.75415	427.14
Si	-58.1675	71.0967	27.6892	95.764	440.79
Si	-68.1109	61.1533	27.6892	95.764	443.07
Si	65.6251	38.7807	-60.5701	95.77082	434.67
Si	18.8939	70.5968	-64.0313	95.80261	443.96
Si	16.408	66.125	-69.223	95.87279	444.77
Si	66.125	16.408	-69.223	95.87279	444.64
Si	71.0967	46.2382	-48.4561	95.88965	427.69
Si	-46.2382	-81.0401	10.3835	95.90501	456.75
Si	18.8939	-73.5825	-57.109	95.9195	454.45
Si	8.9505	65.6251	-70.9536	95.93205	452.96
Si	65.6251	8.9505	70.9536	95.93205	444.43
Si	53.6957	-18.8939	-77.8759	95.94482	451.33
Si	-45.7383	50.7099	67.4924	95.96002	441.17
Si	43.2524	-76.0684	-38.0727	95.96426	438.71
Si	75.5684	-5.9646	-60.5701	95.97678	445.9
Si	-63.1392	71.0967	-13.8446	95.98787	443.06
Si	-68.1109	-63.1392	-13.8446	95.98787	455.69
Si	-28.8373	-45.7383	77.8759	95.99662	454.34
Si	80.5401	53.6957	15.5752	96.001	446.65

Si	-66.125	-16.408	65.7618	96.00648	452.08
Si	33.809	-58.6675	67.4924	96.01469	460.57
Si	-53.6957	78.5542	15.5752	96.05636	456.51
Si	81.0401	51.2099	20.7669	96.07706	445.31
Si	-48.2241	81.0401	-20.7669	96.07706	449.15
Si	76.0684	-48.2241	-34.6115	96.07936	458.25
Si	58.1675	-66.125	38.0727	96.09223	435.22
Si	78.5542	55.6816	19.0363	96.11064	448.26
Si	78.0543	38.2807	44.995	96.12251	445.82
Si	-58.1675	-28.3373	69.223	96.13027	451.13
Si	28.3373	48.2241	79.6064	96.13331	451.61
Si	66.125	46.2382	-55.3784	96.15725	428.62
Si	-73.0826	-23.3656	55.3784	96.15725	451.85
Si	75.5684	-20.8798	57.109	96.17254	446.63
Si	35.7948	-70.5968	-53.6478	96.1854	439.72
Si	8.4505	-61.1533	72.6842	96.2078	461.86
Si	-70.5968	40.7666	-50.1867	96.21871	432.63
Si	30.8231	43.7524	-81.337	96.23843	452.33
Si	-48.2241	46.2382	69.223	96.25874	440.29
Si	66.125	-33.309	-62.3007	96.2801	453.39
Si	20.8798	63.6392	70.9536	96.29339	442.68
Si	-60.6534	20.8798	-70.9536	96.29339	442.77
Si	53.1958	-76.0684	24.2281	96.31171	445.48
Si	53.1958	-76.0684	-24.2281	96.31171	449.16
Si	-40.7666	55.6816	67.4924	96.31982	442.07
Si	43.7524	45.7383	74.4147	96.33828	445.91
Si	-11.4363	-51.2099	-79.6064	96.34281	460.5
Si	-80.5401	-43.7524	-22.4975	96.34672	454.58
Si	70.5968	-65.6251	1.7306	96.34914	448.03
Si	46.2382	-73.0826	-41.5338	96.37792	436.58
Si	26.3514	81.0401	48.4561	96.40382	454.02
Si	65.6251	63.6392	36.3421	96.41492	432.61
Si	55.6816	18.8939	77.8759	96.45654	450.7
Si	-46.2382	43.2524	72.6842	96.46294	439.44
Si	-48.724	-45.7383	-67.4924	96.47668	439.11
Si	28.3373	73.0826	58.8396	96.47694	446.78
Si	40.7666	68.6109	57.109	96.48147	434.83
Si	75.5684	-10.9363	-60.5701	96.49049	447.63
Si	-0.993	-73.5825	60.5701	96.49478	454.98
Si	-73.0826	61.1533	13.8446	96.50151	444.18
Si	-58.1675	76.0684	-13.8446	96.50152	444.04
Si	65.6251	-70.5968	1.7306	96.50309	448.43
Si	-36.2948	78.0543	44.995	96.50961	447.2
Si	23.3656	-81.0401	-44.995	96.51247	454.91
Si	5.9646	73.5825	64.0313	96.52418	456.17
Si	73.5825	-58.6675	-22.4975	96.55217	453.65
Si	-33.309	-33.309	83.0676	96.55346	464.08
Si	-30.8231	-78.5542	-43.2644	96.5592	451.47
Si	45.7383	-55.6816	64.0313	96.57424	444.74
Si	78.0543	3.4788	58.8396	96.57995	447.95
Si	-80.5401	-18.8939	46.7255	96.5832	451.23
Si	-68.6109	48.724	-46.7255	96.58464	431.85
Si	-56.1816	28.3373	-72.6842	96.59169	450.63
Si	78.0543	-1.4929	58.8396	96.60568	451.73
Si	28.3373	-46.2382	-79.6064	96.62332	467.35
Si	-0.993	70.5968	67.4924	96.62686	453.05
Si	-60.6534	-28.8373	67.4924	96.62971	451.26
Si	26.3514	71.0967	-62.3007	96.66443	442.84
Si	-68.1109	-23.3656	-62.3007	96.66443	442.49
Si	-76.0684	-56.1816	3.4611	96.71652	444.87
Si	-55.6816	50.7099	60.5701	96.74703	435.96
Si	-73.5825	8.9505	-60.5701	96.7506	460.01

Si	-73.5825	-5.9646	-60.5701	96.7506	456.84
Si	-38.2807	-53.1958	-69.223	96.77095	440.95
Si	78.5542	55.6816	-22.4975	96.85561	432.94
Si	-58.1675	-3.4788	-76.1453	96.86169	454.33
Si	-36.2948	53.1958	72.6842	96.87149	446.09
Si	43.7524	60.6534	-64.0313	96.88046	436.31
Si	10.9363	-70.5968	64.0313	96.88189	453.91
Si	-40.7666	-53.6957	67.4924	96.88589	451.81
Si	-65.6251	-38.7807	-57.109	96.89279	451.86
Si	68.6109	-38.7807	-57.109	96.8928	452.81
Si	-46.2382	-41.2665	-72.6842	96.9	441.12
Si	-46.2382	-26.3514	-79.6064	96.90588	462.14
Si	-36.2948	-71.0967	51.9173	96.91523	455.21
Si	50.7099	-80.5401	15.5752	96.92433	448.16
Si	1.4929	81.0401	-55.3784	96.92535	457.5
Si	-45.7383	60.6534	60.5701	96.95092	441.13
Si	78.5542	15.908	-57.109	96.99321	445.64
Si	-15.908	-53.6957	-77.8759	97.02181	461.62
Si	6.4646	-78.0543	-55.3784	97.05279	456.79
Si	-33.809	-65.6251	-60.5701	97.05555	446.24
Si	-63.6392	68.6109	-25.9586	97.06109	437.46
Si	-65.6251	-68.6109	-1.7306	97.0688	455.91
Si	38.7807	70.5968	-57.109	97.09353	436.79
Si	-35.7948	70.5968	-57.109	97.09353	453.97
Si	13.9222	-63.6392	-70.9536	97.11375	460.99
Si	38.2807	43.2524	79.6064	97.13076	450.14
Si	73.5825	-63.6392	-1.7306	97.17045	447.26
Si	76.0684	1.4929	-62.3007	97.1745	441.53
Si	58.1675	-51.2099	58.8396	97.21979	441.09
Si	73.0826	3.4788	-65.7618	97.22988	440.76
Si	75.5684	-40.7666	-46.7255	97.24362	454.4
Si	-58.6675	18.8939	-74.4147	97.26054	443.93
Si	-63.1392	61.1533	-41.5338	97.27142	427.2
Si	61.1533	-63.1392	41.5338	97.27142	438.04
Si	-58.1675	-58.1675	-48.4561	97.29707	448.83
Si	6.4646	76.0684	-62.3007	97.3016	456.6
Si	-0.993	-68.6109	67.4924	97.34446	454.04
Si	-33.309	51.2099	-76.1453	97.37073	441.73
Si	3.4788	-76.0684	58.8396	97.3745	454.68
Si	60.6534	53.6957	57.109	97.39882	433.07
Si	23.3656	53.1958	79.6064	97.41043	449.82
Si	-11.4363	78.0543	58.8396	97.42128	453.98
Si	76.0684	-38.2807	-48.4561	97.42402	451.18
Si	76.0684	-38.2807	48.4561	97.42402	442.28
Si	41.2665	-68.1109	55.3784	97.43406	445.05
Si	70.5968	63.6392	29.4198	97.48345	432.89
Si	-78.5542	48.724	29.4198	97.4877	445.39
Si	-70.5968	-23.8655	60.5701	97.51262	451.66
Si	56.1816	81.0401	-13.8446	97.52068	456.64
Si	-1.4929	-81.0401	-51.9173	97.55005	458.45
Si	3.9787	80.5401	-57.109	97.55041	456.53
Si	66.125	-53.1958	-48.4561	97.55079	439.17
Si	70.5968	68.6109	15.5752	97.58458	444.26
Si	53.6957	75.5684	-36.3421	97.63745	431.84
Si	-21.3797	53.1958	-79.6064	97.63981	449.73
Si	60.6534	23.8655	-74.4147	97.66292	439.03
Si	-65.6251	0.993	-70.9536	97.67026	445.16
Si	68.6109	0.993	-70.9536	97.67027	439.12
Si	-73.0826	11.4363	62.3007	97.6819	446.87
Si	28.8373	-63.6392	67.4924	97.69915	460.83
Si	-48.724	-65.6251	50.1867	97.69986	454.85
Si	63.6392	50.7099	-57.109	97.70317	427.72

Si	76.0684	61.1533	-20.7669	97.73502	433.79
Si	-63.1392	66.125	34.6115	97.73726	441.95
Si	68.6109	5.9646	-70.9536	97.7713	439.93
Si	-33.809	-80.5401	-39.8032	97.77494	449.91
Si	43.2524	73.0826	-51.9173	97.79745	437.39
Si	31.3231	-78.0543	-48.4561	97.80385	443.84
Si	-35.7948	-68.6109	-57.109	97.80771	446.19
Si	-3.9787	68.6109	70.9536	97.82214	454.6
Si	-13.9222	-50.7099	-81.337	97.86967	461.2
Si	-13.4222	-58.1675	76.1453	97.87712	452.65
Si	48.724	75.5684	-43.2644	97.92739	433.29
Si	13.4222	73.0826	65.7618	97.93883	451.83
Si	23.3656	-51.2099	79.6064	97.94482	455.97
Si	75.5684	-0.993	64.0313	97.94575	447.96
Si	-35.7948	65.6251	-64.0313	97.99649	453.79
Si	-75.5684	0.993	60.5701	98.01756	450.36
Si	8.9505	55.6816	81.337	98.01911	455.46
Si	38.2807	-81.0401	38.0727	98.05389	448.91
Si	31.3231	71.0967	-62.3007	98.06073	442.36
Si	56.1816	-58.1675	-55.3784	98.06623	432.24
Si	-78.0543	16.408	55.3784	98.06623	452.69
Si	-78.0543	-13.4222	55.3784	98.06623	453.14
Si	-66.125	28.3373	65.7618	98.06846	450.51
Si	73.5825	40.7666	53.6478	98.06848	439.66
Si	13.4222	-76.0684	-58.8396	98.0824	453.83
Si	60.6534	8.9505	77.8759	98.08275	443.42
Si	-38.7807	38.7807	-81.337	98.12261	448.52
Si	41.2665	81.0401	41.5338	98.15678	446.36
Si	-78.0543	-38.2807	-41.5338	98.15679	456.37
Si	1.4929	71.0967	69.223	98.16574	455.03
Si	1.4929	-68.1109	-69.223	98.16574	457.95
Si	-50.7099	-78.5542	-22.4975	98.17749	452.79
Si	-11.4363	-76.0684	58.8396	98.20903	450.88
Si	-41.2665	73.0826	51.9173	98.22857	444.86
Si	65.6251	3.9787	-74.4147	98.26833	440.25
Si	-6.4646	-71.0967	65.7618	98.27102	453.25
Si	78.0543	58.1675	-24.2281	98.28865	434.34
Si	63.6392	-33.809	67.4924	98.30363	446.97
Si	51.2099	71.0967	-48.4561	98.308	429.3
Si	51.2099	-68.1109	-48.4561	98.308	431.71
Si	-80.5401	-38.7807	-36.3421	98.34697	458.95
Si	45.7383	73.5825	50.1867	98.35279	436.64
Si	23.3656	-61.1533	-72.6842	98.41721	456.73
Si	48.724	50.7099	-70.9536	98.42515	435.82
Si	63.6392	-63.6392	39.8032	98.43087	436.46
Si	-46.2382	-31.3231	79.6064	98.44966	453.84
Si	-80.5401	10.9363	53.6478	98.47177	452.87
Si	-10.9363	55.6816	81.337	98.52217	455.42
Si	58.1675	63.1392	51.9173	98.52755	432.94
Si	-58.6675	68.6109	-39.8032	98.53114	428.93
Si	-66.125	73.0826	-3.4611	98.5355	444.22
Si	51.2099	66.125	-55.3784	98.56904	429.42
Si	-63.1392	-48.2241	-55.3784	98.56904	446.48
Si	-48.2241	66.125	55.3784	98.56904	443.06
Si	68.6109	40.7666	60.5701	98.56968	433.87
Si	63.6392	70.5968	32.8809	98.58324	430.81
Si	-45.7383	-78.5542	32.8809	98.58744	459.24
Si	68.1109	3.4788	-72.6842	98.61484	439.85
Si	73.5825	30.8231	60.5701	98.62009	436.49
Si	48.724	45.7383	74.4147	98.62041	444.82
Si	28.3373	53.1958	-79.6064	98.64582	448.37
Si	-65.6251	-53.6957	46.7255	98.66043	444.38

Si	73.0826	18.3939	-65.7618	98.66788	444.14
Si	13.4222	-71.0967	65.7618	98.67208	455
Si	-45.7383	-73.5825	-43.2644	98.68592	447.87
Si	-73.5825	48.724	43.2644	98.68592	441.01
Si	-60.6534	-73.5825	-15.5752	98.69684	445.12
Si	55.6816	28.8373	77.8759	98.73594	438.67
Si	-61.1533	63.1392	-44.995	98.73884	429.42
Si	-78.0543	-53.1958	-20.7669	98.74146	452.02
Si	76.0684	56.1816	-34.6115	98.74369	433.9
Si	-80.5401	-48.724	-22.4975	98.77904	454.26
Si	68.1109	8.4505	-72.6842	98.84003	441.03
Si	78.0543	-56.1816	-24.2281	98.86858	453.92
Si	20.8798	63.6392	-74.4147	98.87142	441.43
Si	-40.7666	-78.5542	39.8032	98.88227	453.85
Si	43.7524	-78.5542	39.8032	98.88227	446.8
Si	-70.5968	60.6534	32.8809	98.88394	441.47
Si	50.7099	28.8373	-81.337	98.92291	437.07
Si	3.9787	-63.6392	74.4147	98.92379	465.88
Si	66.125	-73.0826	-6.9223	98.92791	448.33
Si	-18.3939	-78.0543	-55.3784	98.94448	450.57
Si	8.9505	-73.5825	-64.0313	98.95424	454.66
Si	31.3231	46.2382	83.0676	98.95559	452.05
Si	-41.2665	-71.0967	51.9173	98.95967	456.59
Si	78.0543	-61.1533	-3.4611	98.98573	445.33
Si	-16.408	-76.0684	-58.8396	98.98632	448.5
Si	48.724	80.5401	-36.3421	98.99493	432.76
Si	28.3373	63.1392	-72.6842	99.01451	440.56
Si	63.1392	28.3373	72.6842	99.01451	439.92
Si	73.0826	-66.125	-10.3835	99.02061	448.2
Si	-31.3231	-71.0967	58.8396	99.03652	440.44
Si	-46.2382	58.1675	65.7618	99.07012	440.02
Si	-53.6957	-10.9363	-81.337	99.07565	454.41
Si	-56.1816	63.1392	-51.9173	99.10608	427.29
Si	-80.5401	50.7099	25.9586	99.12411	444.04
Si	70.5968	-20.8798	-67.4924	99.15193	450.06
Si	-73.0826	-18.3939	-62.3007	99.18854	445.1
Si	-73.0826	-18.3939	62.3007	99.18854	451.74
Si	-33.309	76.0684	55.3784	99.19398	446.29
Si	76.0684	-33.309	55.3784	99.19398	439.15
Si	76.0684	-33.309	-55.3784	99.19398	452.51
Si	-80.5401	-13.9222	53.6478	99.22265	450.39
Si	-21.3797	78.0543	-58.8396	99.23154	452.55
Si	33.309	-81.0401	44.995	99.23964	447.76
Si	-80.5401	-53.6957	-8.6529	99.24757	458.66
Si	-60.6534	75.5684	-22.4975	99.27477	443.43
Si	63.1392	-26.3514	72.6842	99.29027	446.33
Si	-63.1392	-28.3373	-69.223	99.29236	443.89
Si	-13.4222	-68.1109	69.223	99.29236	450.83
Si	71.0967	16.408	-69.223	99.29236	443.67
Si	-53.1958	-53.1958	-62.3007	99.31307	437.88
Si	18.8939	60.6534	-77.8759	99.3348	441.06
Si	58.1675	-16.408	79.6064	99.34606	445.31
Si	-53.6957	-50.7099	64.0313	99.35255	453.66
Si	-61.1533	-61.1533	-44.995	99.36618	447.82
Si	36.2948	81.0401	48.4561	99.43301	448.41
Si	61.1533	76.0684	-27.6892	99.43622	428.77
Si	58.6675	-48.724	-64.0313	99.45187	445.97
Si	56.1816	1.4929	83.0676	99.45391	446.08
Si	1.4929	56.1816	83.0676	99.45391	455.33
Si	80.5401	-40.7666	43.2644	99.52957	446.12
Si	-41.2665	43.2524	-79.6064	99.54602	447.1
Si	-81.0401	-31.3231	44.995	99.56471	448.74

Si	-76.0684	-56.1816	24.2281	99.64489	447.68
Si	-56.1816	-76.0684	24.2281	99.64489	458.3
Si	-56.1816	-76.0684	-24.2281	99.64489	453.35
Si	58.1675	-71.0967	38.0727	99.65333	434.97
Si	53.1958	63.1392	58.8396	99.67722	429.59
Si	71.0967	-33.309	62.3007	99.6857	440.19
Si	36.2948	-68.1109	-62.3007	99.6857	437.9
Si	-65.6251	65.6251	-36.3421	99.69202	427.69
Si	68.6109	65.6251	-36.3421	99.69203	432.5
Si	-73.5825	-40.7666	50.1867	99.70399	444.35
Si	78.5542	60.6534	-22.4975	99.72235	434.45
Si	-75.5684	50.7099	39.8032	99.72495	441.18
Si	-66.125	-71.0967	-10.3835	99.74591	450.4
Si	15.908	-70.5968	-67.4924	99.79951	454.86
Si	55.6816	68.6109	50.1867	99.79951	433.72
Si	-58.1675	-23.3656	76.1453	99.877	451.21
Si	-23.3656	-58.1675	-76.1453	99.877	454.13
Si	58.6675	35.7948	74.4147	99.91549	438.4
Si	-55.6816	-73.5825	32.8809	99.93201	461.71
Si	-58.6675	18.8939	77.8759	99.93354	444.05
Si	-41.2665	-41.2665	79.6064	99.96959	452.25
Si	-48.2241	-78.0543	-34.6115	99.98747	449.27
Si	-50.7099	-78.5542	-29.4198	99.99104	451.4
Si	-78.5542	53.6957	29.4198	99.99104	445.06
Si	-33.309	56.1816	-76.1453	100.0007	441.03
Si	58.1675	-56.1816	-58.8396	100.0023	432.69
Si	63.6392	-43.7524	-64.0313	100.0465	449.16
Si	65.6251	48.724	-60.5701	100.0623	428.5
Si	65.6251	-45.7383	-60.5701	100.0623	448.8
Si	-58.6675	53.6957	-60.5701	100.0657	424.48
Si	53.6957	70.5968	-50.1867	100.0959	429.14
Si	-3.9787	-80.5401	57.109	100.1039	452.55
Si	-11.4363	-66.125	72.6842	100.1116	451.04
Si	58.1675	23.3656	-79.6064	100.138	440.32
Si	-63.6392	-55.6816	50.1867	100.149	444.03
Si	-55.6816	60.6534	-57.109	100.1515	426.17
Si	-78.5542	28.8373	-53.6478	100.1666	441.42
Si	-56.1816	-36.2948	-72.6842	100.186	439.52
Si	63.1392	-71.0967	-31.1504	100.1991	431.11
Si	73.5825	35.7948	60.5701	100.2112	436.33
Si	0.993	-65.6251	-74.4147	100.2129	457.39
Si	-36.2948	-46.2382	79.6064	100.2165	454.44
Si	-35.7948	-58.6675	-70.9536	100.22	440.95
Si	-56.1816	-71.0967	-38.0727	100.2254	443.41
Si	55.6816	33.809	77.8759	100.2267	436.78
Si	-30.8231	55.6816	-77.8759	100.2267	441.38
Si	-0.993	75.5684	67.4924	100.2427	453.98
Si	65.6251	-75.5684	1.7306	100.2715	448.18
Si	-43.2524	-78.0543	41.5338	100.2744	455.56
Si	-78.0543	46.2382	41.5338	100.2744	442.3
Si	46.2382	66.125	62.3007	100.3037	433.04
Si	26.3514	-73.0826	-62.3007	100.3037	454.22
Si	66.125	46.2382	62.3007	100.3037	433.37
Si	-43.2524	-63.1392	62.3007	100.3037	444.96
Si	38.2807	-76.0684	-51.9173	100.322	439.52
Si	-58.1675	81.0401	13.8446	100.3932	456.59
Si	-58.1675	-78.0543	-13.8446	100.3932	446.26
Si	78.5542	45.7383	46.7255	100.3961	439.61
Si	66.125	66.125	41.5338	100.3976	431.02
Si	-63.1392	66.125	-41.5338	100.3976	427.69
Si	60.6534	-30.8231	-74.4147	100.4084	446.83
Si	68.1109	48.2241	58.8396	100.4184	434.36

Si	66.125	61.1533	48.4561	100.4224	432.36
Si	-80.5401	-43.7524	-36.3421	100.4853	459.58
Si	-13.4222	56.1816	83.0676	100.5661	456.69
Si	68.1109	38.2807	-65.7618	100.5779	432.83
Si	-21.3797	-71.0967	-65.7618	100.5834	447.57
Si	70.5968	-70.5968	-12.114	100.5933	447.38
Si	71.0967	71.0967	-20.7669	100.6014	430.62
Si	71.0967	61.1533	-41.5338	100.6435	433.72
Si	38.7807	75.5684	-57.109	100.6926	435
Si	3.4788	63.1392	79.6064	100.7045	455.07
Si	-1.4929	63.1392	-79.6064	100.7292	456.09
Si	-81.0401	-56.1816	3.4611	100.7473	444.98
Si	-40.7666	75.5684	53.6478	100.7529	445.12
Si	-53.6957	33.809	77.8759	100.7709	442.87
Si	-43.7524	78.5542	-46.7255	100.8408	447.66
Si	76.0684	66.125	20.7669	100.8468	443.07
Si	-66.125	-16.408	-72.6842	100.8742	447.44
Si	50.7099	-50.7099	70.9536	100.9052	431.35
Si	-58.6675	23.8655	77.8759	100.9181	441.32
Si	63.1392	8.4505	-79.6064	100.925	440.56
Si	63.1392	8.4505	79.6064	100.925	442.44
Si	-68.6109	-70.5968	8.6529	100.9273	450.48
Si	-13.4222	66.125	76.1453	100.9845	448.05
Si	-76.0684	28.3373	58.8396	100.9875	444.53
Si	15.908	-80.5401	57.109	100.9884	456.11
Si	23.3656	68.1109	-72.6842	100.9919	441.52
Si	63.1392	-6.4646	-79.6064	100.9989	440.54
Si	41.2665	-73.0826	-55.3784	101.0456	437.78
Si	76.0684	41.2665	55.3784	101.0456	437.39
Si	76.0684	-38.2807	55.3784	101.0456	439.23
Si	-78.5542	53.6957	-32.8809	101.0635	431.16
Si	68.6109	-73.5825	-8.6529	101.0743	448.25
Si	-68.6109	-25.8515	-67.4924	101.0815	443.43
Si	80.5401	18.8939	-60.5701	101.094	445.64
Si	68.6109	-38.7807	-64.0313	101.1276	452.38
Si	-38.7807	68.6109	64.0313	101.1276	439.51
Si	-40.7666	70.5968	60.5701	101.1432	439.26
Si	75.5684	68.6109	15.5752	101.1662	442.78
Si	66.125	56.1816	55.3784	101.1678	433.1
Si	-63.1392	-53.1958	55.3784	101.1678	441.49
Si	-53.1958	-63.1392	-55.3784	101.1678	446.95
Si	23.8655	-73.5825	-64.0313	101.1774	455.24
Si	58.1675	43.2524	72.6842	101.1872	438.77
Si	43.2524	58.1675	72.6842	101.1872	440.13
Si	8.9505	-73.5825	67.4924	101.2283	456.92
Si	-58.1675	-28.3373	76.1453	101.229	451.9
Si	68.6109	15.908	74.4147	101.2431	442.08
Si	-23.8655	-75.5684	-60.5701	101.2435	447.98
Si	-28.8373	-55.6816	77.8759	101.2596	452.3
Si	51.2099	56.1816	-69.223	101.2643	437.6
Si	26.3514	71.0967	69.223	101.2643	440.63
Si	-68.1109	-23.3656	69.223	101.2643	451.23
Si	78.5542	-63.6392	-8.6529	101.2695	446.13
Si	81.0401	41.2665	-48.4561	101.2803	432.77
Si	-78.0543	-38.2807	-48.4561	101.2803	454.95
Si	43.7524	55.6816	74.4147	101.2908	437.1
Si	-28.8373	-50.7099	-81.337	101.2954	453.93
Si	48.2241	43.2524	-79.6064	101.3156	435.04
Si	70.5968	48.724	57.109	101.329	432.97
Si	58.1675	28.3373	79.6064	101.3401	437.17
Si	-48.2241	46.2382	-76.1453	101.351	444.91
Si	-43.2524	51.2099	76.1453	101.351	439.33

Si	-13.9222	78.5542	64.0313	101.371	450.77
Si	3.4788	-81.0401	-58.8396	101.3792	456.43
Si	81.0401	-28.3373	-55.3784	101.4119	451.61
Si	-28.3373	81.0401	-55.3784	101.4119	453.51
Si	-61.1533	-31.3231	-72.6842	101.4121	442.24
Si	-65.6251	-73.5825	12.114	101.4292	449.68
Si	-5.9646	-58.6675	81.337	101.4426	452.12
Si	20.8798	-60.6534	77.8759	101.502	451.89
Si	-33.809	-65.6251	-67.4924	101.5198	444.22
Si	81.0401	-8.4505	-62.3007	101.5283	446.97
Si	-0.993	-63.6392	-77.8759	101.553	458.18
Si	81.0401	61.1533	-20.7669	101.5794	434.36
Si	61.1533	81.0401	20.7669	101.5794	444.42
Si	-61.1533	-6.4646	79.6064	101.6123	450.53
Si	-48.724	-75.5684	43.2644	101.6464	455.01
Si	13.9222	65.6251	-77.8759	101.6468	443.38
Si	40.7666	-50.7099	77.8759	101.6475	432.7
Si	-25.8515	75.5684	-64.0313	101.6607	452.53
Si	-70.5968	-8.9505	-70.9536	101.6877	446.03
Si	-55.6816	75.5684	39.8032	101.6878	434.04
Si	-55.6816	-43.7524	-70.9536	101.7373	438.24
Si	-56.1816	43.2524	72.6842	101.7506	441.89
Si	-60.6534	80.5401	-15.5752	101.7507	444.24
Si	76.0684	1.4929	69.223	101.7513	448.33
Si	80.5401	3.9787	64.0313	101.7578	447.5
Si	3.9787	80.5401	-64.0313	101.7578	455.68
Si	78.5542	40.7666	53.6478	101.779	438.96
Si	45.7383	-40.7666	-81.337	101.7803	438.79
Si	-65.6251	70.5968	32.8809	101.7906	440.99
Si	73.0826	58.1675	-44.995	101.7921	431.47
Si	53.1958	38.2807	79.6064	101.8024	438.25
Si	-68.6109	58.6675	-46.7255	101.8172	429.15
Si	-71.0967	-26.3514	65.7618	101.8292	451.59
Si	56.1816	-38.2807	-76.1453	101.8376	441.52
Si	-53.1958	-38.2807	76.1453	101.8376	449.97
Si	-53.1958	41.2665	76.1453	101.8376	442.06
Si	70.5968	-30.8231	-67.4924	101.8572	451.62
Si	-3.4788	-73.0826	69.223	101.8727	453.55
Si	76.0684	6.4646	-69.223	101.8727	441.39
Si	51.2099	-68.1109	55.3784	101.8982	438.76
Si	-73.5825	48.724	50.1867	101.9108	436.8
Si	73.5825	65.6251	32.8809	101.9363	432.11
Si	73.5825	-23.8655	67.4924	101.9568	442.27
Si	13.4222	-61.1533	79.6064	102.0002	453.38
Si	-71.0967	-66.125	24.2281	102.1197	444.34
Si	-38.7807	-55.6816	-74.4147	102.1197	442.06
Si	-51.2099	-56.1816	-65.7618	102.1203	436.47
Si	-11.4363	-61.1533	79.6064	102.122	452.24
Si	-58.1675	56.1816	62.3007	102.1352	436.78
Si	63.1392	38.2807	72.6842	102.1597	437.99
Si	53.6957	-78.5542	-36.3421	102.242	433.56
Si	-75.5684	-18.8939	-64.0313	102.2452	444.42
Si	-68.1109	76.0684	6.9223	102.2454	442.45
Si	-68.1109	71.0967	-27.6892	102.2549	437.95
Si	-68.1109	-68.1109	27.6892	102.2549	445.24
Si	73.0826	8.4505	72.6842	102.2569	443.97
Si	-18.8939	-65.6251	-74.4147	102.2643	448.3
Si	-68.6109	-0.993	-74.4147	102.2657	446.96
Si	1.4929	-58.1675	83.0676	102.2721	455.92
Si	60.6534	-80.5401	15.5752	102.3326	445.04
Si	65.6251	-60.6534	50.1867	102.4392	426.63
Si	78.5542	-43.7524	-50.1867	102.4904	452.19

Si	-76.0684	-11.4363	65.7618	102.5063	449.01
Si	-23.3656	-53.1958	83.0676	102.5135	454.75
Si	56.1816	81.0401	34.6115	102.5503	434.92
Si	38.7807	80.5401	53.6478	102.5521	447.31
Si	68.6109	60.6534	-50.1867	102.584	430.89
Si	81.0401	51.2099	-41.5338	102.5894	427.32
Si	81.0401	-48.2241	41.5338	102.5894	441.56
Si	-78.0543	51.2099	-41.5338	102.5895	427.68
Si	51.2099	-78.0543	41.5338	102.5895	438.92
Si	51.2099	-78.0543	-41.5338	102.5895	434.56
Si	-28.8373	78.5542	-60.5701	102.6017	451.3
Si	-48.724	-35.7948	-81.337	102.6052	449.46
Si	18.8939	-58.6675	81.337	102.6536	449.98
Si	-66.125	78.0543	-10.3835	102.6725	444.41
Si	-78.5542	-55.6816	29.4198	102.6742	446.55
Si	-36.2948	-51.2099	-79.6064	102.6776	447.18
Si	53.6957	-73.5825	46.7255	102.6876	435.41
Si	-61.1533	18.3939	-79.6064	102.7004	444.4
Si	73.0826	73.0826	17.3058	102.7115	442.5
Si	-63.1392	81.0401	-6.9223	102.7277	445.09
Si	-78.0543	66.125	6.9223	102.7277	444.95
Si	-78.0543	66.125	-6.9223	102.7277	440.53
Si	80.5401	-30.8231	57.109	102.7338	437.78
Si	58.6675	-58.6675	60.5701	102.747	436.02
Si	36.2948	61.1533	76.1453	102.8039	439.11
Si	73.0826	-11.4363	-72.6842	102.836	444.79
Si	-73.5825	63.6392	-32.8809	102.8574	429.25
Si	43.7524	-63.6392	67.4924	102.875	442.57
Si	-41.2665	68.1109	65.7618	102.9123	438.72
Si	66.125	-23.3656	-76.1453	102.9241	441.37
Si	-23.3656	-63.1392	76.1453	102.9241	451.22
Si	-56.1816	-66.125	-51.9173	102.9268	446.14
Si	33.809	55.6816	81.337	102.9391	443.94
Si	73.5825	-48.724	53.6478	102.9405	429.78
Si	-73.0826	-68.1109	13.8446	102.9459	447.5
Si	-73.0826	-68.1109	-13.8446	102.9459	450.3
Si	-73.0826	71.0967	13.8446	102.9459	442.74
Si	78.0543	68.1109	17.3058	102.9519	443.16
Si	-3.9787	-65.6251	77.8759	102.9534	453.87
Si	70.5968	68.6109	36.3421	102.9607	433.24
Si	81.0401	-18.3939	-62.3007	102.9787	443.5
Si	81.0401	-33.309	-55.3784	102.984	451.8
Si	81.0401	-33.309	55.3784	102.984	438.8
Si	36.2948	81.0401	-55.3784	102.984	437.47
Si	33.309	-71.0967	65.7618	102.9861	445.39
Si	-15.908	70.5968	74.4147	103.0325	447.31
Si	-71.0967	-56.1816	-44.995	103.0541	449.16
Si	-73.0826	46.2382	-55.3784	103.1039	431.02
Si	-63.6392	-50.7099	-60.5701	103.1313	444.72
Si	-71.0967	53.1958	-51.9173	103.1399	429.97
Si	-60.6534	-33.809	74.4147	103.1791	448.76
Si	-78.0543	-58.1675	-27.6892	103.2173	450.59
Si	-16.408	-76.0684	65.7618	103.2512	449.94
Si	73.0826	-66.125	-31.1504	103.2841	437.44
Si	65.6251	23.8655	77.8759	103.335	440.73
Si	58.1675	48.2241	-72.6842	103.3383	434.48
Si	50.7099	53.6957	-74.4147	103.3683	434.8
Si	73.5825	75.5684	-1.7306	103.3784	439.36
Si	-20.8798	-73.5825	67.4924	103.4025	450.07
Si	-71.0967	13.4222	72.6842	103.4144	439.17
Si	81.0401	66.125	13.8446	103.425	442.77
Si	-63.1392	81.0401	-13.8446	103.425	444.63

Si	-45.7383	50.7099	-77.8759	103.5266	443.09
Si	78.5542	-13.9222	67.4924	103.592	447.95
Si	-13.9222	78.5542	-67.4924	103.592	446.25
Si	33.309	68.1109	-72.6842	103.6012	438.36
Si	68.1109	33.309	72.6842	103.6012	437.49
Si	23.3656	-61.1533	-79.6064	103.6347	452.55
Si	-60.6534	-58.6675	-57.109	103.6478	444.11
Si	55.6816	-80.5401	-32.8809	103.6677	431.01
Si	-63.1392	71.0967	41.5338	103.668	435.36
Si	53.6957	45.7383	-77.8759	103.6699	433.77
Si	-70.5968	5.9646	74.4147	103.7038	438.25
Si	-61.1533	78.0543	31.1504	103.7137	441.09
Si	78.0543	-61.1533	31.1504	103.7137	441.95
Si	58.6675	-63.6392	-57.109	103.7909	430.88
Si	45.7383	-75.5684	-53.6478	103.7988	439.31
Si	-65.6251	80.5401	5.1917	103.8279	442.17
Si	-63.1392	61.1533	55.3784	103.9396	430.62
Si	-28.8373	58.6675	-81.337	103.945	439.86
Si	-51.2099	-66.125	58.8396	103.9801	442.56
Si	-48.724	48.724	77.8759	104.0056	439.42
Si	-78.5542	-45.7383	-46.7255	104.0269	452.51
Si	60.6534	43.7524	-74.4147	104.0354	434.33
Si	60.6534	-40.7666	-74.4147	104.0354	441.84
Si	-55.6816	-48.724	-70.9536	104.0437	437.66
Si	-48.724	-55.6816	70.9536	104.0437	445.75
Si	-73.5825	13.9222	70.9536	104.0443	439.59
Si	81.0401	26.3514	62.3007	104.0533	436.94
Si	-65.6251	80.5401	-8.6529	104.0584	444.72
Si	-70.5968	75.5684	12.114	104.0714	442.81
Si	-73.0826	71.0967	-20.7669	104.1031	442.67
Si	-70.5968	-8.9505	74.4147	104.1323	449.78
Si	76.0684	-58.1675	41.5338	104.1438	433.2
Si	36.2948	71.0967	69.223	104.1522	440
Si	65.6251	-60.6534	-53.6478	104.1786	430.57
Si	-18.3939	61.1533	83.0676	104.1877	451.72
Si	78.5542	-68.6109	-1.7306	104.1921	445.19
Si	-81.0401	38.2807	-51.9173	104.2134	431.74
Si	-13.4222	71.0967	76.1453	104.2365	449.18
Si	-75.5684	20.8798	67.4924	104.257	436.18
Si	-16.408	-71.0967	72.6842	104.2721	450.26
Si	50.7099	78.5542	50.1867	104.3047	436.11
Si	60.6534	73.5825	-46.7255	104.308	427.61
Si	-70.5968	60.6534	46.7255	104.308	434.38
Si	60.6534	68.6109	-53.6478	104.321	429.93
Si	71.0967	-68.1109	34.6115	104.3424	432.86
Si	-68.1109	-68.1109	-34.6115	104.3424	429.2
Si	30.8231	-75.5684	64.0313	104.3969	444.9
Si	56.1816	-73.0826	-48.4561	104.4048	430.97
Si	-81.0401	63.1392	17.3058	104.4579	442.95
Si	10.9363	-80.5401	64.0313	104.4921	453.78
Si	43.7524	-48.724	81.337	104.5147	432.93
Si	43.7524	65.6251	-70.9536	104.562	436.13
Si	81.0401	66.125	-20.7669	104.5769	432.18
Si	66.125	81.0401	-20.7669	104.5769	431.18
Si	-63.1392	-78.0543	20.7669	104.5769	451.09
Si	66.125	76.0684	34.6115	104.579	432.54
Si	-38.2807	61.1533	-76.1453	104.5916	439.61
Si	73.5825	15.908	74.4147	104.6053	444
Si	-10.9363	80.5401	67.4924	104.6813	450.34
Si	-68.6109	-60.6534	-46.7255	104.6899	450.11
Si	63.6392	80.5401	-29.4198	104.7671	427.88
Si	80.5401	-60.6534	29.4198	104.7671	443.77

Si	-78.0543	41.2665	-55.3784	104.7686	430.34
Si	73.5825	-68.6109	-29.4198	104.7711	436.12
Si	-36.2948	58.1675	-79.6064	104.7717	440.37
Si	-71.0967	73.0826	-24.2281	104.7919	438.93
Si	-58.6675	28.8373	-81.337	104.7983	443.21
Si	3.9787	-68.6109	-77.8759	104.8111	457.52
Si	-76.0684	-46.2382	51.9173	104.8304	447
Si	78.5542	5.9646	-70.9536	104.8468	440.48
Si	58.1675	-81.0401	31.1504	104.8525	434.62
Si	-81.0401	58.1675	-31.1504	104.8525	431.71
Si	28.3373	-81.0401	58.8396	104.8542	445.59
Si	-58.6675	-70.5968	-46.7255	104.8783	444.08
Si	61.1533	61.1533	62.3007	104.8814	428.43
Si	-50.7099	-78.5542	-43.2644	104.9023	446.57
Si	-53.6957	-60.6534	64.0313	104.9188	439.96
Si	55.6816	-70.5968	-53.6478	104.9354	431.15
Si	-66.125	78.0543	24.2281	104.9801	444.37
Si	68.6109	50.7099	-64.0313	105.0102	426.79
Si	23.3656	-71.0967	72.6842	105.0269	449.7
Si	-15.908	65.6251	81.337	105.0306	449.39
Si	21.3797	71.0967	76.1453	105.0632	435.07
Si	-78.0543	-53.1958	-41.5338	105.0889	448.75
Si	56.1816	-63.1392	-62.3007	105.1168	430.71
Si	-25.8515	-63.6392	-77.8759	105.1406	452.13
Si	-61.1533	68.1109	51.9173	105.1566	431.57
Si	78.5542	55.6816	46.7255	105.1577	433.29
Si	68.1109	18.3939	79.6064	105.1703	442.42
Si	10.9363	78.5542	70.9536	105.1762	448.69
Si	43.2524	78.0543	-58.8396	105.2027	436.51
Si	-78.5542	43.7524	-53.6478	105.2212	430.14
Si	-58.1675	-23.3656	83.0676	105.2499	451.84
Si	-75.5684	25.8515	67.4924	105.2949	436.41
Si	75.5684	-50.7099	-53.6478	105.311	441.57
Si	-36.2948	-56.1816	79.6064	105.3159	451.16
Si	78.5542	-68.6109	-15.5752	105.3355	447.34
Si	58.1675	78.0543	-44.995	105.348	427.44
Si	81.0401	-28.3373	62.3007	105.3517	438.36
Si	31.3231	-78.0543	62.3007	105.3517	445.93
Si	66.125	6.4646	83.0676	105.3672	440.76
Si	55.6816	68.6109	-60.5701	105.4039	428.56
Si	58.1675	68.1109	-58.8396	105.4138	429.03
Si	70.5968	43.7524	-67.4924	105.4345	430
Si	1.4929	-78.0543	-69.223	105.4494	455.55
Si	73.5825	-53.6957	53.6478	105.4552	430.12
Si	-80.5401	-48.724	-43.2644	105.4655	451.84
Si	-71.0967	-71.0967	-24.2281	105.4775	441.18
Si	-78.5542	63.6392	29.4198	105.5236	439.29
Si	-75.5684	-23.8655	67.4924	105.5307	451.21
Si	3.4788	-81.0401	65.7618	105.5474	454.01
Si	78.0543	-71.0967	3.4611	105.5598	445.47
Si	-78.0543	51.2099	48.4561	105.5819	437.36
Si	73.0826	-76.0684	-3.4611	105.6069	445.38
Si	68.1109	-71.0967	-38.0727	105.6254	429.77
Si	45.7383	-75.5684	57.109	105.6292	437.9
Si	25.8515	-65.6251	77.8759	105.6542	448.44
Si	-68.1109	-78.0543	0	105.6998	443.77
Si	-63.1392	11.4363	83.0676	105.7185	445.08
Si	66.125	11.4363	83.0676	105.7185	441.53
Si	-73.5825	-0.993	-74.4147	105.7358	444.19
Si	73.0826	-26.3514	72.6842	105.7515	443.92
Si	36.2948	66.125	76.1453	105.7667	437.31
Si	73.5825	75.5684	-22.4975	105.7839	431.62

Si	80.5401	63.6392	-32.8809	105.7912	433.26
Si	73.5825	-73.5825	19.0363	105.8094	441.15
Si	41.2665	-68.1109	-69.223	105.9172	433.33
Si	-68.1109	-38.2807	-69.223	105.9172	437.26
Si	-68.1109	41.2665	-69.223	105.9172	422.3
Si	55.6816	-55.6816	70.9536	106.0177	429.08
Si	-80.5401	-18.8939	-64.0313	106.0427	444.77
Si	-76.0684	58.1675	-44.995	106.0769	426.05
Si	45.7383	-70.5968	64.0313	106.0876	439.84
Si	-76.0684	63.1392	-38.0727	106.1393	428.78
Si	-78.5542	18.8939	-67.4924	106.1394	439.51
Si	-63.6392	-65.6251	50.1867	106.14	437.55
Si	75.5684	-25.8515	70.9536	106.157	443.15
Si	78.0543	68.1109	31.1504	106.16	436.06
Si	66.125	-78.0543	27.6892	106.1685	437.73
Si	68.6109	-78.5542	19.0363	106.1826	442.28
Si	0.993	-80.5401	-67.4924	106.2304	456.39
Si	80.5401	-0.993	70.9536	106.25	448.64
Si	45.7383	-50.7099	-81.337	106.2944	434.57
Si	-63.1392	16.408	83.0676	106.3014	444.68
Si	66.125	16.408	83.0676	106.3014	441.74
Si	-68.6109	-50.7099	-60.5701	106.341	447.05
Si	-50.7099	-68.6109	60.5701	106.341	443.62
Si	-53.6957	-50.7099	-74.4147	106.3413	439.12
Si	60.6534	-75.5684	43.2644	106.3495	432.91
Si	53.6957	-48.724	-77.8759	106.3557	431.65
Si	-55.6816	60.6534	67.4924	106.4148	435.02
Si	-48.724	58.6675	-74.4147	106.4341	434.25
Si	80.5401	8.9505	70.9536	106.4824	446.52
Si	-70.5968	-73.5825	-22.4975	106.4865	439.36
Si	10.9363	-70.5968	77.8759	106.5399	454.72
Si	70.5968	33.809	-74.4147	106.5703	433.9
Si	45.7383	63.6392	-74.4147	106.5709	434.86
Si	75.5684	73.5825	-25.9586	106.5737	430.59
Si	-13.9222	-65.6251	-81.337	106.5746	450.22
Si	-76.0684	-6.4646	72.6842	106.593	449.54
Si	81.0401	71.0967	-13.8446	106.6026	435.44
Si	-48.724	-45.7383	-81.337	106.6219	445.31
Si	63.6392	-73.5825	-43.2644	106.6315	427.41
Si	43.7524	75.5684	-64.0313	106.6445	436.19
Si	10.9363	-80.5401	-67.4924	106.6481	454.05
Si	73.5825	-38.7807	67.4924	106.6494	438.7
Si	-43.2524	-48.2241	83.0676	106.6497	446.23
Si	-23.8655	-70.5968	-74.4147	106.6655	445.74
Si	-3.4788	76.0684	-76.1453	106.6974	450.85
Si	75.5684	48.724	-60.5701	106.7085	426.25
Si	-51.2099	-56.1816	-72.6842	106.7095	437.87
Si	-58.6675	-45.7383	-74.4147	106.7127	439.26
Si	-43.7524	-50.7099	-81.337	106.7145	447.67
Si	80.5401	58.6675	43.2644	106.7202	432.73
Si	-51.2099	-46.2382	79.6064	106.7381	444.05
Si	-80.5401	-8.9505	67.4924	106.7413	450.9
Si	78.0543	-66.125	-31.1504	106.7903	435.51
Si	-31.3231	-76.0684	65.7618	106.8516	431.33
Si	-31.3231	-76.0684	-65.7618	106.8516	444.12
Si	-78.5542	68.6109	22.4975	106.8574	441.13
Si	66.125	-63.1392	55.3784	106.8709	428.2
Si	58.6675	40.7666	81.337	106.8974	435.24
Si	75.5684	-75.5684	1.7306	106.9048	445.6
Si	-60.6534	80.5401	-36.3421	106.9176	426.58
Si	-66.125	-21.3797	-79.6064	106.923	445.85
Si	68.1109	53.1958	65.7618	106.9382	430.57

Si	66.125	-48.2241	69.223	106.9622	428.26
Si	-68.6109	-55.6816	57.109	106.9808	437.66
Si	11.4363	76.0684	-76.1453	107.0443	446.12
Si	-73.5825	68.6109	36.3421	107.0602	430.44
Si	-60.6534	-53.6957	67.4924	107.0662	441.63
Si	76.0684	66.125	41.5338	107.0695	431.8
Si	73.0826	3.4788	-79.6064	107.0804	441.74
Si	38.7807	-78.5542	60.5701	107.0825	440.82
Si	61.1533	-73.0826	48.4561	107.0928	433.75
Si	61.1533	71.0967	-55.3784	107.1019	430.75
Si	21.3797	66.125	83.0676	107.1122	438.52
Si	56.1816	41.2665	83.0676	107.1122	436.78
Si	50.7099	68.6109	-67.4924	107.1558	432.65
Si	38.2807	63.1392	-79.6064	107.1951	436.21
Si	-70.5968	-53.6957	-57.109	107.2574	446.44
Si	-35.7948	60.6534	81.337	107.2662	439.88
Si	78.0543	48.2241	-58.8396	107.2732	423.06
Si	73.0826	8.4505	-79.6064	107.2878	442.71
Si	-68.6109	-75.5684	-25.9586	107.3631	440.57
Si	-60.6534	75.5684	46.7255	107.39	434.66
Si	-28.3373	71.0967	-76.1453	107.3901	439.22
Si	71.0967	31.3231	76.1453	107.3901	434.75
Si	-41.2665	68.1109	72.6842	107.4677	435.44
Si	36.2948	76.0684	69.223	107.5384	439.91
Si	45.7383	78.5542	-60.5701	107.54	435.89
Si	53.1958	-66.125	65.7618	107.5639	433.41
Si	-61.1533	-56.1816	65.7618	107.5896	442.77
Si	-56.1816	-61.1533	-65.7618	107.5896	435.51
Si	68.6109	75.5684	39.8032	107.5932	432.87
Si	40.7666	-75.5684	64.0313	107.6145	439.46
Si	-35.7948	-73.5825	67.4924	107.6194	430.64
Si	-81.0401	-56.1816	-38.0727	107.6456	449.03
Si	-78.5542	-10.9363	70.9536	107.6868	450.16
Si	43.2524	-66.125	-72.6842	107.6988	434.38
Si	-68.1109	76.0684	-34.6115	107.7226	424.74
Si	-78.5542	-70.5968	1.7306	107.7379	443.56
Si	81.0401	-58.1675	41.5338	107.7598	431.58
Si	-36.2948	78.0543	-65.7618	107.7691	444.74
Si	23.3656	-81.0401	-65.7618	107.7717	450.29
Si	-53.1958	76.0684	55.3784	107.7921	433.14
Si	75.5684	58.6675	-53.6478	107.862	427.82
Si	-75.5684	65.6251	39.8032	107.8688	432.44
Si	20.8798	73.5825	77.8759	107.8769	433.08
Si	35.7948	63.6392	-81.337	107.956	436.94
Si	-80.5401	20.8798	67.4924	107.9838	438.45
Si	-38.7807	-65.6251	-74.4147	108.0015	439.46
Si	-65.6251	-38.7807	74.4147	108.0015	439.83
Si	-53.1958	81.0401	48.4561	108.0121	437.7
Si	75.5684	78.5542	15.5752	108.0196	442.65
Si	-71.0967	-6.4646	-79.6064	108.0267	446.42
Si	-81.0401	48.2241	51.9173	108.1245	435.06
Si	70.5968	18.8939	-81.337	108.1381	441
Si	-68.6109	48.724	-67.4924	108.1691	423.66
Si	-73.5825	3.9787	77.8759	108.1996	440.08
Si	-65.6251	25.8515	81.337	108.2306	441.05
Si	-68.6109	-25.8515	77.8759	108.2908	444.34
Si	81.0401	26.3514	-69.223	108.3399	435.03
Si	55.6816	-55.6816	-74.4147	108.3647	429.39
Si	-61.1533	73.0826	-51.9173	108.3745	419.16
Si	35.7948	-65.6251	77.8759	108.3794	441.12
Si	78.0543	68.1109	38.0727	108.3934	432.32
Si	-73.0826	21.3797	76.1453	108.4209	436.18

Si	21.3797	76.0684	76.1453	108.4209	435.19
Si	53.1958	63.1392	72.6842	108.4271	427.08
Si	-50.7099	60.6534	74.4147	108.4557	433.81
Si	-68.1109	6.4646	83.0676	108.4879	441.95
Si	56.1816	56.1816	-76.1453	108.5349	433.02
Si	48.724	55.6816	81.337	108.5491	436.25
Si	68.1109	33.309	79.6064	108.5698	435.38
Si	81.0401	-38.2807	62.3007	108.5867	438.85
Si	68.6109	70.5968	-50.1867	108.6226	427.94
Si	73.5825	55.6816	60.5701	108.6374	430.17
Si	-75.5684	-73.5825	-15.5752	108.7077	445.26
Si	-58.1675	-48.2241	76.1453	108.7624	439.24
Si	-75.5684	30.8231	-70.9536	108.7802	431.25
Si	-36.2948	73.0826	-72.6842	108.7933	440.91
Si	8.9505	80.5401	74.4147	108.8193	449.21
Si	45.7383	58.6675	-81.337	108.8223	435.02
Si	71.0967	-8.4505	83.0676	108.8292	440.06
Si	-70.5968	-78.5542	-15.5752	108.8442	444.53
Si	-80.5401	55.6816	46.7255	108.8536	435.48
Si	-38.7807	73.5825	70.9536	108.8728	436.79
Si	-38.7807	-70.5968	70.9536	108.8728	430.89
Si	-78.5542	43.7524	-60.5701	108.9135	429.65
Si	81.0401	51.2099	-55.3784	108.9326	425.19
Si	-71.0967	-76.0684	24.2281	108.9587	444.22
Si	68.6109	65.6251	-57.109	108.9917	426.14
Si	-66.125	78.0543	-38.0727	109.0108	425.08
Si	-61.1533	-71.0967	-51.9173	109.0376	443.95
Si	-18.8939	-75.5684	-74.4147	109.0487	441.91
Si	-53.6957	-45.7383	-81.337	109.0517	442.65
Si	-51.2099	-51.2099	79.6064	109.0521	443.76
Si	10.9363	-70.5968	-81.337	109.0954	454.11
Si	51.2099	-73.0826	-62.3007	109.1543	426.1
Si	76.0684	51.2099	62.3007	109.1543	430.07
Si	60.6534	-60.6534	-67.4924	109.1666	429.13
Si	-48.724	-60.6534	-74.4147	109.1854	436.18
Si	-76.0684	58.1675	-51.9173	109.1933	425.2
Si	41.2665	76.0684	-69.223	109.2487	435.73
Si	80.5401	13.9222	-74.4147	109.2726	440.65
Si	-71.0967	58.1675	-58.8396	109.2856	424.59
Si	78.0543	73.0826	-31.1504	109.3484	428.99
Si	-76.0684	-61.1533	44.995	109.384	428.08
Si	-61.1533	-76.0684	-44.995	109.384	442.37
Si	-76.0684	-61.1533	-44.995	109.384	444.43
Si	66.125	-28.3373	83.0676	109.3955	438.41
Si	31.3231	66.125	83.0676	109.3955	436.37
Si	76.0684	-23.3656	-76.1453	109.442	438.87
Si	73.0826	-21.3797	-79.6064	109.478	437.14
Si	-71.0967	-71.0967	-38.0727	109.4898	429.7
Si	45.7383	-65.6251	-74.4147	109.5446	435.17
Si	-13.9222	-80.5401	70.9536	109.5512	449.66
Si	78.5542	0.993	-77.8759	109.5598	442.23
Si	-70.5968	75.5684	-36.3421	109.5667	426.31
Si	31.3231	-78.0543	-69.223	109.5875	447.91
Si	78.0543	-41.2665	-65.7618	109.6113	446.33
Si	-73.5825	63.6392	50.1867	109.6229	433.84
Si	-76.0684	28.3373	72.6842	109.6329	436.25
Si	40.7666	63.6392	-81.337	109.6371	438.14
Si	15.908	-70.5968	-81.337	109.6377	455.44
Si	-80.5401	50.7099	53.6478	109.6806	436.46
Si	28.8373	80.5401	-70.9536	109.6841	446.93
Si	-3.9787	-75.5684	77.8759	109.6952	450.39
Si	-76.0684	-56.1816	51.9173	109.7156	436.23

Si	-68.6109	63.6392	57.109	109.7184	430.38
Si	70.5968	53.6957	-67.4924	109.7985	426.85
Si	-71.0967	-56.1816	58.8396	109.8075	438.77
Si	-63.6392	58.6675	-67.4924	109.8469	420.22
Si	68.6109	80.5401	-36.3421	109.8819	426.09
Si	-76.0684	-26.3514	-72.6842	109.882	438.96
Si	81.0401	76.0684	-13.8446	109.9133	435.16
Si	-43.7524	-75.5684	64.0313	109.9345	431.51
Si	-63.1392	-68.1109	55.3784	109.9489	437.74
Si	66.125	-68.1109	-55.3784	109.9489	429.37
Si	-65.6251	-43.7524	74.4147	109.9523	440.27
Si	-71.0967	-81.0401	-3.4611	109.9678	443.98
Si	3.4788	-81.0401	-72.6842	109.9938	454.99
Si	-40.7666	70.5968	74.4147	109.9943	434.96
Si	75.5684	78.5542	-25.9586	109.9977	432.22
Si	-10.9363	-78.5542	74.4147	109.9981	449.02
Si	-81.0401	-1.4929	-72.6842	110.0163	442.74
Si	68.6109	60.6534	-64.0313	110.0217	426.18
Si	-53.6957	68.6109	-67.4924	110.0265	418.4
Si	-68.1109	-48.2241	-69.223	110.0377	432.9
Si	-80.5401	30.8231	67.4924	110.204	436.24
Si	-45.7383	80.5401	60.5701	110.2179	432.54
Si	6.4646	81.0401	76.1453	110.2297	449.74
Si	81.0401	6.4646	-76.1453	110.2297	441.67
Si	53.1958	-76.0684	58.8396	110.2318	435.56
Si	-81.0401	-56.1816	44.995	110.2841	432.13
Si	75.5684	-65.6251	-46.7255	110.3417	435.56
Si	-81.0401	-61.1533	-38.0727	110.3892	448.61
Si	-73.0826	61.1533	55.3784	110.3976	434.09
Si	65.6251	73.5825	-53.6478	110.399	428.42
Si	68.6109	-38.7807	-77.8759	110.4148	431.51
Si	-78.5542	58.6675	50.1867	110.4318	434.91
Si	-78.0543	46.2382	62.3007	110.5047	430.57
Si	-78.0543	-43.2524	62.3007	110.5047	439.44
Si	-75.5684	80.5401	5.1917	110.5164	443.52
Si	-73.5825	-30.8231	-74.4147	110.536	438.66
Si	-58.6675	68.6109	64.0313	110.5626	429.27
Si	41.2665	71.0967	76.1453	110.5655	435.23
Si	-8.4505	-78.0543	-76.1453	110.5655	449.33
Si	81.0401	66.125	41.5338	110.5899	432.11
Si	38.7807	70.5968	-77.8759	110.591	435.63
Si	-75.5684	65.6251	46.7255	110.6104	432.21
Si	65.6251	78.5542	-46.7255	110.6104	427.37
Si	61.1533	81.0401	-48.4561	110.6124	427.77
Si	73.0826	-26.3514	-79.6064	110.6236	438.1
Si	75.5684	-80.5401	-5.1917	110.6506	443.85
Si	31.3231	76.0684	76.1453	110.6773	438.04
Si	38.2807	-66.125	-79.6064	110.7371	438.28
Si	38.2807	-66.125	79.6064	110.7371	440.03
Si	75.5684	-70.5968	-39.8032	110.7628	433.76
Si	75.5684	48.724	-67.4924	110.7845	425.95
Si	-63.1392	-33.309	83.0676	110.8544	444.37
Si	-78.0543	76.0684	20.7669	110.9979	441.49
Si	48.2241	63.1392	-79.6064	111.0012	435.44
Si	68.1109	78.0543	-44.995	111.0142	427.9
Si	-30.8231	80.5401	-70.9536	111.0279	443.57
Si	-33.309	-78.0543	-69.223	111.0439	442.89
Si	-75.5684	-78.5542	-1.7306	111.126	443.49
Si	63.1392	78.0543	-51.9173	111.1635	426.6
Si	26.3514	-68.1109	83.0676	111.1884	447.84
Si	-80.5401	70.5968	-29.4198	111.2218	430.49
Si	-71.0967	-26.3514	79.6064	111.2733	445.39

Si	63.1392	73.0826	58.8396	111.2989	422.28
Si	80.5401	-55.6816	-53.6478	111.335	440.42
Si	60.6534	-60.6534	70.9536	111.3397	426.02
Si	-46.2382	63.1392	79.6064	111.4258	431.56
Si	-6.4646	-76.0684	79.6064	111.4283	448.44
Si	-75.5684	-18.8939	-77.8759	111.4393	440.58
Si	45.7383	-60.6534	-81.337	111.5147	435.46
Si	-80.5401	-73.5825	-8.6529	111.5375	442.5
Si	66.125	-48.2241	-76.1453	111.567	431.78
Si	-60.6534	-78.5542	46.7255	111.5929	435.59
Si	53.6957	-73.5825	-64.0313	111.6309	425.18
Si	78.0543	-46.2382	65.7618	111.6447	438.02
Si	68.1109	-66.125	58.8396	111.6791	427.51
Si	-70.5968	70.5968	-50.1867	111.763	422.51
Si	-58.6675	-60.6534	70.9536	111.8742	440.14
Si	-18.3939	-78.0543	-76.1453	111.8988	443.51
Si	-78.5542	-5.9646	77.8759	111.9277	450.36
Si	66.125	61.1533	69.223	111.9308	422
Si	55.6816	-75.5684	-60.5701	111.9983	427.94
Si	-73.5825	18.8939	-81.337	112.0483	436.74
Si	65.6251	-70.5968	57.109	112.1217	425
Si	70.5968	-75.5684	43.2644	112.1856	429.56
Si	70.5968	-80.5401	-32.8809	112.187	426.15
Si	-75.5684	-78.5542	-15.5752	112.1989	445.55
Si	-43.7524	68.6109	77.8759	112.3237	434.71
Si	-75.5684	35.7948	74.4147	112.4839	432.22
Si	81.0401	81.0401	0	112.4967	442.27
Si	-78.0543	-73.0826	-27.6892	112.4987	434.88
Si	-65.6251	40.7666	81.337	112.5298	428.72
Si	-16.408	-76.0684	-79.6064	112.5761	443.23
Si	-46.2382	73.0826	-72.6842	112.6336	424.4
Si	55.6816	73.5825	-67.4924	112.6435	430.94
Si	78.5542	80.5401	-22.4975	112.6635	431.16
Si	-63.6392	-75.5684	50.1867	112.6913	435.64
Si	-63.6392	-70.5968	57.109	112.6967	437.18
Si	-38.2807	81.0401	69.223	112.701	434.64
Si	-78.0543	81.0401	-6.9223	112.7095	441.51
Si	-66.125	-41.2665	79.6064	112.8616	440.02
Si	-38.7807	68.6109	-81.337	112.8826	437.46
Si	81.0401	26.3514	76.1453	112.8885	435.57
Si	-78.0543	26.3514	-76.1453	112.8885	432.51
Si	71.0967	-73.0826	-48.4561	112.9344	426.76
Si	76.0684	71.0967	48.4561	112.9344	431.46
Si	-81.0401	-61.1533	-44.995	112.9637	444.26
Si	73.5825	80.5401	-36.3421	112.9873	427.02
Si	18.8939	-78.5542	-77.8759	113.0265	448.06
Si	38.7807	70.5968	81.337	113.055	436.97
Si	-35.7948	70.5968	81.337	113.055	440.11
Si	-78.5542	-65.6251	43.2644	113.0671	426.55
Si	-63.1392	76.0684	-55.3784	113.1618	418.67
Si	23.8655	80.5401	-77.8759	113.1974	446.19
Si	80.5401	23.8655	77.8759	113.1974	436.97
Si	73.0826	38.2807	-79.6064	113.2061	433.61
Si	-48.2241	-73.0826	-69.223	113.248	424.22
Si	-73.0826	-48.2241	-69.223	113.248	435.08
Si	-63.6392	68.6109	64.0313	113.3446	429.98
Si	-76.0684	78.0543	-31.1504	113.3479	429.93
Si	76.0684	76.0684	-41.5338	113.3493	424.58
Si	-70.5968	70.5968	53.6478	113.3594	430.5
Si	66.125	-78.0543	48.4561	113.3713	432.04
Si	76.0684	-18.3939	83.0676	113.3897	437.71
Si	58.1675	-56.1816	-79.6064	113.4705	430.13

Si	-43.7524	-80.5401	64.0313	113.4749	434.84
Si	-68.6109	-60.6534	64.0313	113.4755	439.02
Si	10.9363	-80.5401	77.8759	113.5044	447.64
Si	-73.5825	-75.5684	36.3421	113.5585	426.68
Si	-75.5684	-73.5825	-36.3421	113.5585	429.25
Si	65.6251	-50.7099	77.8759	113.5901	425.28
Si	-68.1109	-63.1392	-62.3007	113.593	437.51
Si	-63.1392	71.0967	62.3007	113.593	430.76
Si	-81.0401	73.0826	-31.1504	113.6095	428.01
Si	-58.1675	61.1533	-76.1453	113.6522	419.38
Si	78.0543	28.3373	79.6064	113.6638	435.96
Si	-56.1816	-71.0967	-65.7618	113.6671	427.96
Si	-48.2241	61.1533	83.0676	113.7162	432.94
Si	-61.1533	53.1958	79.6064	113.7318	426.75
Si	61.1533	81.0401	55.3784	113.8151	425.56
Si	56.1816	66.125	-76.1453	113.8695	429.99
Si	-63.1392	56.1816	-76.1453	113.8695	422.89
Si	73.5825	35.7948	81.337	113.9704	435.44
Si	-30.8231	-78.5542	74.4147	113.9712	431.48
Si	68.1109	78.0543	51.9173	113.9957	421.79
Si	28.8373	-73.5825	81.337	114.0164	447.82
Si	63.1392	-61.1533	72.6842	114.0517	425.66
Si	80.5401	13.9222	-81.337	114.0994	440.9
Si	65.6251	-80.5401	-46.7255	114.1299	426.77
Si	-80.5401	65.6251	46.7255	114.1299	432.8
Si	3.9787	-78.5542	81.337	114.1466	451.31
Si	-68.6109	78.5542	-46.7255	114.1765	425.67
Si	-56.1816	68.1109	-72.6842	114.2247	416.96
Si	-81.0401	-51.2099	-58.8396	114.2426	436.78
Si	-76.0684	28.3373	-79.6064	114.3397	429.99
Si	-78.0543	-78.0543	20.7669	114.3975	441.77
Si	68.6109	-53.6957	74.4147	114.4035	425.55
Si	48.2241	-66.125	79.6064	114.4254	432.95
Si	60.6534	78.5542	-60.5701	114.4865	426.38
Si	-70.5968	-63.6392	60.5701	114.4895	441.27
Si	-78.0543	46.2382	-69.223	114.5501	424.06
Si	-43.2524	-78.0543	69.223	114.5501	431.79
Si	80.5401	-80.5401	-12.114	114.5628	439.68
Si	63.6392	-63.6392	-70.9536	114.6244	427.38
Si	-76.0684	68.1109	-51.9173	114.6696	419.43
Si	-71.0967	78.0543	-44.995	114.6972	423.93
Si	-73.5825	78.5542	-39.8032	114.713	424.99
Si	-75.5684	-73.5825	39.8032	114.713	427.68
Si	73.5825	55.6816	-70.9536	114.7508	426.49
Si	78.0543	78.0543	38.0727	114.7729	430.89
Si	-65.6251	65.6251	67.4924	114.7736	428.28
Si	35.7948	78.5542	77.8759	114.803	440.29
Si	-58.1675	-68.1109	-69.223	114.8733	427.07
Si	61.1533	71.0967	69.223	114.8733	419.68
Si	-81.0401	8.4505	-79.6064	114.8795	441.87
Si	8.4505	-81.0401	79.6064	114.8795	448.67
Si	-53.1958	81.0401	62.3007	114.8912	429.01
Si	-80.5401	-18.8939	-77.8759	114.9334	440.6
Si	-6.4646	-81.0401	-79.6064	114.9444	448.94
Si	73.5825	45.7383	-77.8759	114.9749	429.14
Si	80.5401	-75.5684	-32.8809	115.1871	432.53
Si	-81.0401	68.1109	-44.995	115.2137	416.15
Si	78.0543	-31.3231	-79.6064	115.2203	437.77
Si	73.0826	-41.2665	79.6064	115.285	425.32
Si	-80.5401	40.7666	-70.9536	115.3527	424.01
Si	-70.5968	-43.7524	-77.8759	115.3634	434.28
Si	78.0543	48.2241	72.6842	115.4489	423.84

Si	-71.0967	-51.2099	-72.6842	115.4548	436.49
Si	-68.6109	-60.6534	-67.4924	115.4639	438.89
Si	-66.125	68.1109	-65.7618	115.4762	417.73
Si	-71.0967	43.2524	79.6064	115.5435	428.55
Si	-73.0826	31.3231	83.0676	115.549	429.92
Si	33.809	80.5401	-77.8759	115.5744	444.17
Si	46.2382	76.0684	-76.1453	115.5931	433.64
Si	-68.6109	73.5825	57.109	115.6412	431.29
Si	-80.5401	70.5968	-43.2644	115.6571	415.1
Si	70.5968	-65.6251	64.0313	115.6727	425.74
Si	73.0826	-81.0401	-38.0727	115.6992	427.53
Si	60.6534	-60.6534	77.8759	115.8739	426.22
Si	10.9363	-80.5401	-81.337	115.9065	449.96
Si	-73.5825	-75.5684	43.2644	115.9594	425.7
Si	38.2807	-81.0401	72.6842	115.9656	438.09
Si	56.1816	61.1533	83.0676	115.976	430.17
Si	-78.5542	-70.5968	43.2644	116.0873	425.77
Si	80.5401	78.5542	36.3421	116.2225	430.94
Si	-56.1816	78.0543	65.7618	116.2438	429.99
Si	48.724	80.5401	-70.9536	116.2483	434.75
Si	68.6109	-68.6109	-64.0313	116.2728	425.17
Si	-68.6109	68.6109	64.0313	116.2728	428.59
Si	63.1392	68.1109	72.6842	116.2807	418.96
Si	-50.7099	80.5401	67.4924	116.3135	428.91
Si	61.1533	-63.1392	-76.1453	116.3391	429.49
Si	60.6534	-75.5684	64.0313	116.3547	429.85
Si	-75.5684	-53.6957	67.4924	116.3592	437.07
Si	-65.6251	50.7099	81.337	116.3737	426.12
Si	63.6392	-58.6675	-77.8759	116.3876	430.57
Si	-48.2241	-63.1392	83.0676	116.4015	422.78
Si	68.1109	-51.2099	79.6064	116.4162	425.78
Si	81.0401	-63.1392	55.3784	116.4982	430.95
Si	-40.7666	80.5401	74.4147	116.4984	431.7
Si	-50.7099	-63.6392	81.337	116.5463	420.69
Si	-81.0401	-56.1816	-58.8396	116.6196	436.59
Si	76.0684	81.0401	41.5338	116.6804	433.19
Si	-78.0543	76.0684	-41.5338	116.6804	421.28
Si	-63.1392	76.0684	-62.3007	116.7056	419.1
Si	70.5968	48.724	-81.337	116.7126	429.87
Si	56.1816	-68.1109	-76.1453	116.7632	428.51
Si	-73.5825	38.7807	-81.337	116.8007	429.04
Si	-21.3797	-81.0401	-79.6064	116.9275	443.52
Si	-66.125	-51.2099	79.6064	116.9912	434.32
Si	41.2665	-78.0543	-76.1453	117.0803	435
Si	73.5825	60.6534	-70.9536	117.1806	425.31
Si	71.0967	46.2382	83.0676	117.2478	430.67
Si	71.0967	-43.2524	83.0676	117.2478	426.78
Si	75.5684	-50.7099	-74.4147	117.2599	432.39
Si	78.5542	-73.5825	46.7255	117.2947	426.12
Si	73.5825	-68.6109	60.5701	117.3891	424.49
Si	-76.0684	-36.2948	79.6064	117.3919	432.46
Si	-76.0684	-81.0401	-31.1504	117.464	429.93
Si	51.2099	-73.0826	-76.1453	117.6069	429.49
Si	-48.2241	76.0684	76.1453	117.6069	428.38
Si	73.0826	-71.0967	-58.8396	117.7133	426.98
Si	61.1533	-73.0826	69.223	117.9521	431
Si	-76.0684	68.1109	58.8396	117.9653	428.98
Si	-73.5825	-45.7383	77.8759	118.0329	434.45
Si	75.5684	-75.5684	50.1867	118.0862	429.12
Si	70.5968	78.5542	57.109	118.2169	422.76
Si	78.0543	63.1392	-65.7618	118.2647	420.72
Si	-48.724	78.5542	-74.4147	118.3121	422.71

Si	80.5401	-65.6251	57.109	118.3838	430.31
Si	-53.6957	-75.5684	70.9536	118.4004	428.63
Si	61.1533	61.1533	83.0676	118.4017	429.09
Si	-76.0684	-76.0684	44.995	118.5583	428.13
Si	-81.0401	-66.125	-51.9173	118.6561	436.41
Si	68.1109	-56.1816	79.6064	118.7497	422.63
Si	-63.6392	-55.6816	-81.337	118.8563	432.79
Si	53.1958	73.0826	-79.6064	118.8926	430.8
Si	66.125	-63.1392	76.1453	118.9652	426.37
Si	68.1109	68.1109	72.6842	118.9912	418.83
Si	-41.2665	-76.0684	79.6064	119.0853	428.04
Si	-76.0684	-41.2665	79.6064	119.0853	434.37
Si	-68.1109	-58.1675	76.1453	119.1728	435.33
Si	73.0826	63.1392	-72.6842	119.1987	426.84
Si	63.1392	73.0826	-72.6842	119.1987	423.08
Si	80.5401	63.6392	64.0313	119.2083	420.81
Si	-68.1109	51.2099	83.0676	119.2338	425.82
Si	-78.5542	58.6675	-67.4924	119.2967	420.88
Si	58.6675	-78.5542	67.4924	119.2967	430.29
Si	-70.5968	60.6534	74.4147	119.3081	418.78
Si	-66.125	-56.1816	-79.6064	119.3135	434.26
Si	76.0684	-78.0543	-48.4561	119.32	426.5
Si	-80.5401	-73.5825	-43.2644	119.3212	427.6
Si	-68.6109	-50.7099	-81.337	119.3959	432.14
Si	-61.1533	-76.0684	65.7618	119.4359	426.97
Si	68.6109	-63.6392	74.4147	119.518	428.38
Si	70.5968	-65.6251	70.9536	119.6435	426.99
Si	-61.1533	73.0826	-72.6842	119.7189	417.33
Si	-81.0401	58.1675	65.7618	119.7845	421.03
Si	76.0684	56.1816	-76.1453	119.7934	425.76
Si	-78.0543	-78.0543	-41.5338	119.919	425.64
Si	78.5542	70.5968	60.5701	119.9272	420.75
Si	-71.0967	-51.2099	79.6064	119.9334	434.55
Si	-78.0543	36.2948	83.0676	120.163	427.2
Si	65.6251	-80.5401	-60.5701	120.462	426.3
Si	-68.6109	-75.5684	-60.5701	120.5061	425.85
Si	51.2099	81.0401	76.1453	120.8207	424.52
Si	78.5542	-43.7524	81.337	120.8358	429.27
Si	-76.0684	-46.2382	-79.6064	120.9595	433.01
Si	-58.1675	-78.0543	-69.223	121.1567	423.7
Si	65.6251	68.6109	77.8759	121.171	418.27
Si	75.5684	78.5542	57.109	121.1902	422.66
Si	-73.5825	68.6109	-67.4924	121.2286	416.06
Si	68.6109	-58.6675	81.337	121.4076	423.09
Si	-66.125	78.0543	-65.7618	121.4844	419.29
Si	73.5825	60.6534	-77.8759	121.497	426.47
Si	75.5684	-70.5968	64.0313	121.5899	424.19
Si	41.2665	-78.0543	83.0676	121.696	436.22
Si	-68.1109	66.125	-76.1453	121.7379	415.76
Si	-68.1109	66.125	76.1453	121.7379	418.53
Si	80.5401	-65.6251	64.0313	121.8741	427.51
Si	78.0543	53.1958	79.6064	121.9509	421.3
Si	55.6816	-75.5684	77.8759	122.2273	423.26
Si	-80.5401	65.6251	-64.0313	122.2389	418.63
Si	-50.7099	-73.5825	81.337	122.3813	425.35
Si	81.0401	-78.0543	48.4561	122.4888	427.58
Si	-73.0826	-73.0826	62.3007	122.4924	424.61
Si	68.6109	-78.5542	-64.0313	122.525	424.45
Si	-53.6957	78.5542	77.8759	122.6739	427.74
Si	-75.5684	-53.6957	-77.8759	122.6739	432.6
Si	81.0401	71.0967	-62.3007	122.694	418.04
Si	-76.0684	-51.2099	-79.6064	123.0062	433.27

Si	80.5401	63.6392	70.9536	123.0652	421.66
Si	-80.5401	50.7099	-77.8759	123.3547	422.96
Si	63.1392	73.0826	79.6064	123.5416	417.75
Si	-78.5542	73.5825	-60.5701	123.5848	417.93
Si	-78.5542	-70.5968	-60.5701	123.5848	427.66
Si	81.0401	-63.1392	-69.223	123.6806	424.26
Si	66.125	-78.0543	-69.223	123.6806	424.21
Si	-80.5401	45.7383	81.337	123.7044	425.55
Si	-81.0401	58.1675	-72.6842	123.7202	421.86
Si	-48.724	-80.5401	77.8759	123.7571	428.17
Si	-80.5401	-48.724	-77.8759	123.7571	434.04
Si	68.1109	-66.125	79.6064	123.8843	426.33
Si	63.6392	-68.6109	81.337	124.0661	427.2
Si	-76.0684	73.0826	-65.7618	124.3602	416.31
Si	68.6109	-68.6109	-77.8759	124.4348	427.96
Si	-68.6109	68.6109	77.8759	124.4348	418.45
Si	-80.5401	80.5401	-50.1867	124.4853	424.51
Si	70.5968	73.5825	-74.4147	124.5384	420.51
Si	70.5968	-70.5968	-74.4147	124.5384	428.58
Si	-75.5684	75.5684	-64.0313	124.6019	416.84
Si	-81.0401	-81.0401	-44.995	125.0917	425.09
Si	-65.6251	-73.5825	74.4147	125.2146	422.28
Si	-56.1816	-76.0684	-79.6064	125.217	423.62
Si	-78.5542	-70.5968	64.0313	125.3175	426.44
Si	78.5542	-63.6392	74.4147	125.3722	425.73
Si	-78.0543	81.0401	-55.3784	125.3885	424.77
Si	-78.0543	-78.0543	55.3784	125.3885	426.34
Si	-78.5542	58.6675	77.8759	125.4636	416.64
Si	81.0401	76.0684	62.3007	125.5812	421.82
Si	76.0684	81.0401	62.3007	125.5812	422.42
Si	-65.6251	80.5401	-70.9536	125.6491	419.3
Si	70.5968	68.6109	-81.337	126.0788	421.66
Si	73.0826	68.1109	79.6064	126.0961	420.16
Si	-68.1109	66.125	83.0676	126.1833	417.78
Si	-51.2099	-81.0401	-79.6064	126.2001	423.94
Si	81.0401	71.0967	-69.223	126.3498	417.17
Si	-63.6392	73.5825	-81.337	126.7076	417.97
Si	73.5825	-63.6392	81.337	126.7076	426.49
Si	-58.6675	78.5542	-81.337	127.1748	419.42
Si	-66.125	-71.0967	-79.6064	127.1952	417.63
Si	76.0684	71.0967	76.1453	127.2961	418.66
Si	-80.5401	80.5401	-57.109	127.4336	424.2
Si	-75.5684	-63.6392	-77.8759	127.457	425.74
Si	73.0826	78.0543	-72.6842	127.5528	419.86
Si	58.6675	-78.5542	81.337	127.6408	422.74
Si	-78.5542	-55.6816	-81.337	127.6408	432.07
Si	-68.6109	78.5542	-74.4147	128.0255	416.62
Si	78.5542	-68.6109	74.4147	128.0255	423.21
Si	75.5684	-75.5684	70.9536	128.2967	425.3
Si	-75.5684	75.5684	-70.9536	128.2967	416.09
Si	68.1109	-81.0401	-72.6842	128.5793	423.63
Si	-81.0401	68.1109	-72.6842	128.5793	417.79
Si	-70.5968	70.5968	81.337	128.7943	418.16
Si	-68.1109	71.0967	83.0676	128.8006	415.32
Si	-68.6109	-80.5401	70.9536	129.1448	423.71
Si	81.0401	76.0684	69.223	129.1553	421.93
Si	-68.6109	73.5825	-81.337	129.3335	418.45
Si	-78.0543	61.1533	83.0676	129.566	416.63
Si	78.5542	75.5684	74.4147	130.2428	421.16
Si	-68.6109	-80.5401	-74.4147	131.0783	421.12
Si	-78.5542	78.5542	70.9536	131.8348	421.41
Si	-71.0967	78.0543	-79.6064	132.1669	417.07

Si	-76.0684	73.0826	-79.6064	132.2045	416.11
Si	-78.5542	68.6109	-81.337	132.3936	415.74
Si	-71.0967	-76.0684	-79.6064	132.7486	419.65
Si	-78.5542	73.5825	77.8759	132.9252	417.47
Si	-78.0543	-73.0826	-76.1453	132.9939	419.14
Si	-80.5401	75.5684	74.4147	133.2447	419.94
Si	-81.0401	78.0543	72.6842	134.0012	421.85
Si	75.5684	78.5542	-81.337	134.3181	418.51
Si	78.5542	-73.5825	81.337	134.8721	422.99

Table S19. Coordinates and polarizations calculated for the fifth fused quartz structure

	x / Å	y / Å	z / Å	*d* / Å	I_{on}
e	1.4929	1.4929	0		
Si	1.4929	6.4646	0	4.9717	2911.35
Si	8.9505	0.993	-1.7306	7.672019	1415.08
Si	0.993	-5.9646	1.7306	7.672019	1149.42
Si	0.993	3.9787	8.6529	9.016738	1345.34
Si	-5.9646	5.9646	5.1917	10.12747	1307.19
Si	-3.9787	8.9505	-5.1917	10.60698	1129.37
Si	-3.4788	-8.4505	0	11.11706	1116.92
Si	-6.4646	-6.4646	-3.4611	11.77383	1089.71
Si	-8.9505	3.9787	-5.1917	11.92464	1042.86
Si	-0.993	0.993	12.114	12.37656	1338.62
Si	0.993	3.9787	-12.114	12.37656	898.77
Si	-5.9646	-3.9787	-8.6529	12.66595	1076.58
Si	3.4788	-6.4646	10.3835	13.23184	1144.84
Si	13.9222	0.993	5.1917	13.47925	1021.95
Si	6.4646	1.4929	-13.8446	14.71023	873.93
Si	1.4929	-3.4788	-13.8446	14.71023	857.18
Si	-13.4222	1.4929	0	14.9151	953
Si	-11.4363	-6.4646	-3.4611	15.57131	1074.04
Si	3.4788	13.4222	-10.3835	15.93951	883.74
Si	3.9787	-13.9222	5.1917	16.4547	989.78
Si	-3.4788	16.408	-6.9223	17.17837	892.73
Si	-13.9222	8.9505	1.7306	17.21144	868.01
Si	13.4222	8.4505	10.3835	17.27809	516.86
Si	18.3939	-1.4929	-3.4611	17.50824	665.1
Si	-10.9363	10.9363	-8.6529	17.84761	906.86
Si	8.4505	-11.4363	-10.3835	17.983	689.04
Si	0.993	-15.908	-5.1917	18.16582	834.99
Si	0.993	18.8939	-5.1917	18.16582	860.12
Si	-1.4929	-16.408	-3.4611	18.4753	833.37
Si	8.4505	3.4788	17.3058	18.75743	720.47
Si	5.9646	18.8939	8.6529	19.94146	469.06
Si	-8.9505	-5.9646	15.5752	20.1808	794.81
Si	-10.9363	-13.9222	5.1917	20.47105	736.63
Si	6.4646	16.408	13.8446	20.94877	473.39
Si	6.4646	-13.4222	13.8446	20.94877	1010.74
Si	18.3939	8.4505	10.3835	21.02066	499.48
Si	1.4929	21.3797	-6.9223	21.05714	859.99
Si	16.408	-13.4222	0	21.09314	530.1
Si	20.8798	-5.9646	-5.1917	21.41072	648.24
Si	21.3797	6.4646	6.9223	21.6361	496.69
Si	-18.8939	-5.9646	1.7306	21.77681	743.09
Si	10.9363	13.9222	15.5752	22.0511	476.7
Si	-18.3939	11.4363	0	22.23412	828.49
Si	-10.9363	15.908	12.114	22.56175	549.25
Si	3.9787	0.993	-22.4975	22.63991	589.62
Si	-13.4222	11.4363	-13.8446	22.6496	868.23

Si	8.4505	-11.4363	-17.3058	22.69496	660.19
Si	-20.8798	0.993	5.1917	22.97258	711.29
Si	1.4929	-8.4505	-20.7669	23.02467	626.29
Si	18.3939	13.4222	10.3835	23.14666	488.51
Si	-18.3939	11.4363	-6.9223	23.28678	809.98
Si	-21.3797	8.4505	-3.4611	24.15665	798.92
Si	1.4929	21.3797	13.8446	24.23134	454.64
Si	21.3797	1.4929	-13.8446	24.23134	477.33
Si	-1.4929	18.3939	-17.3058	24.3731	729.98
Si	-10.9363	-18.8939	5.1917	24.43481	729.09
Si	6.4646	21.3797	-13.8446	24.73612	612.4
Si	18.8939	-13.9222	-8.6529	24.80502	471.64
Si	-18.3939	-13.4222	0	24.8585	719.46
Si	21.3797	16.408	0	24.8585	467.24
Si	-0.993	25.8515	5.1917	25.02943	430.41
Si	-8.4505	11.4363	20.7669	25.08	460.83
Si	18.3939	8.4505	17.3058	25.17024	494.08
Si	16.408	16.408	13.8446	25.2308	478.54
Si	-21.3797	-1.4929	10.3835	25.29599	710.57
Si	-3.4788	-23.3656	0	25.3508	597.21
Si	8.4505	-1.4929	-24.2281	25.38349	576.29
Si	-13.4222	1.4929	-20.7669	25.56803	467.34
Si	16.408	1.4929	20.7669	25.56803	487.41
Si	0.993	13.9222	22.4975	25.70744	420.53
Si	1.4929	-23.3656	6.9223	25.80433	617.37
Si	21.3797	16.408	6.9223	25.80433	480.43
Si	26.3514	1.4929	6.9223	25.80433	476.87
Si	-23.3656	1.4929	6.9223	25.80433	712.4
Si	-16.408	8.4505	17.3058	25.85226	478.26
Si	-5.9646	25.8515	5.1917	25.99823	430.66
Si	-3.4788	-13.4222	20.7669	26.04692	707.85
Si	18.8939	-13.9222	12.114	26.21386	471.05
Si	26.3514	6.4646	6.9223	26.27891	483.16
Si	-15.908	-3.9787	19.0363	26.36501	695.98
Si	-5.9646	-23.8655	-1.7306	26.48888	598.12
Si	26.3514	11.4363	0	26.77342	458.6
Si	13.4222	18.3939	17.3058	26.97111	471.89
Si	-25.8515	-3.9787	-1.7306	27.94007	638.74
Si	8.4505	28.3373	3.4611	27.94655	419.82
Si	-11.4363	-16.408	-17.3058	28.05522	443.73
Si	-26.3514	3.4788	-3.4611	28.12878	692.52
Si	-21.3797	-11.4363	10.3835	28.2513	623.84
Si	-23.3656	1.4929	-13.8446	28.45379	524.5
Si	26.3514	1.4929	13.8446	28.45379	467.8
Si	10.9363	8.9505	-25.9586	28.61195	510.3
Si	-18.3939	1.4929	-20.7669	28.75324	467.9
Si	21.3797	1.4929	20.7669	28.75324	483.77
Si	18.8939	5.9646	-22.4975	28.79107	441.68
Si	-23.3656	6.4646	-13.8446	28.88487	530.16
Si	-3.9787	18.8939	22.4975	28.96322	399.23
Si	21.3797	-3.4788	-20.7669	29.1799	454.55
Si	-25.8515	-3.9787	-8.6529	29.19802	586.12
Si	3.9787	0.993	-29.4198	29.52885	557.73
Si	-13.4222	-13.4222	-20.7669	29.60042	443.14
Si	16.408	16.408	-20.7669	29.60042	423.25
Si	28.8373	-8.9505	5.1917	29.72761	441.54
Si	26.3514	16.408	6.9223	29.80476	477.51
Si	-3.4788	-8.4505	-27.6892	29.83757	459.95
Si	20.8798	13.9222	-19.0363	29.87839	423.42
Si	30.8231	3.9787	-5.1917	29.88975	440.82
Si	28.8373	0.993	12.114	29.91176	468.18
Si	11.4363	26.3514	-13.8446	30.14115	452.81

Si	28.8373	10.9363	-8.6529	30.19544	429.02
Si	-28.3373	-3.4788	0	30.24167	637.94
Si	31.3231	6.4646	0	30.24167	445.15
Si	-21.3797	18.3939	10.3835	30.27566	410.46
Si	8.4505	18.3939	24.2281	30.34881	434.83
Si	8.9505	0.993	-29.4198	30.35438	554.14
Si	-8.4505	-18.3939	-20.7669	30.42401	439.25
Si	-18.3939	-8.4505	20.7669	30.42401	690.79
Si	18.3939	-6.4646	24.2281	30.59353	406.14
Si	-8.9505	-10.9363	-25.9586	30.61699	452.64
Si	3.9787	30.8231	-8.6529	30.68086	434.99
Si	30.8231	-0.993	8.6529	30.68086	469.1
Si	-26.3514	-6.4646	-10.3835	30.76431	585.31
Si	-15.908	-23.8655	-1.7306	30.80323	502.33
Si	23.8655	20.8798	-8.6529	30.84246	424.67
Si	-3.4788	-28.3373	6.9223	31.02381	583.17
Si	-13.9222	8.9505	-25.9586	31.09805	430.5
Si	-5.9646	-28.8373	-1.7306	31.28143	577.64
Si	21.3797	21.3797	-13.8446	31.34713	425.12
Si	-0.993	30.8231	12.114	31.83069	384.72
Si	21.3797	-23.3656	0	31.83441	386.39
Si	6.4646	-13.4222	27.6892	31.84132	408.89
Si	6.4646	-13.4222	-27.6892	31.84132	481.17
Si	-15.908	15.908	-22.4975	31.88614	408.81
Si	15.908	18.8939	22.4975	31.88614	447.51
Si	-5.9646	-8.9505	-29.4198	32.09676	455.93
Si	-13.4222	-23.3656	-13.8446	32.12597	467.17
Si	26.3514	16.408	-13.8446	32.12597	422.56
Si	16.408	26.3514	-13.8446	32.12597	434.83
Si	26.3514	-13.4222	-13.8446	32.12597	384.11
Si	-1.4929	33.309	-3.4611	32.14279	404.33
Si	-3.9787	23.8655	22.4975	32.19644	392.26
Si	-28.3373	11.4363	6.9223	32.19674	431.59
Si	31.3231	-8.4505	6.9223	32.19674	439.15
Si	3.4788	-6.4646	31.1504	32.21195	407.22
Si	-10.9363	5.9646	-29.4198	32.24913	430.22
Si	20.8798	-15.908	-19.0363	32.26492	379.26
Si	25.8515	-15.908	-12.114	32.29368	385.5
Si	-23.3656	1.4929	-20.7669	32.3915	470.53
Si	-11.4363	-26.3514	-10.3835	32.40811	473.44
Si	23.8655	15.908	19.0363	32.72177	451.03
Si	-23.3656	-3.4788	-20.7669	32.77083	468.7
Si	-3.4788	26.3514	20.7669	32.77083	392.93
Si	-28.8373	13.9222	1.7306	32.82376	438.55
Si	13.9222	-28.8373	-1.7306	32.82376	350.95
Si	31.3231	1.4929	-13.8446	32.88638	401.67
Si	18.8939	-8.9505	25.9586	32.95006	408.85
Si	-8.9505	18.8939	-25.9586	32.95006	386.85
Si	30.8231	-10.9363	8.6529	33.00942	441.75
Si	-13.9222	23.8655	-19.0363	33.1744	387.17
Si	-16.408	-26.3514	-3.4611	33.28253	504.32
Si	23.8655	20.8798	-15.5752	33.45103	425.63
Si	0.993	33.809	8.6529	33.45817	383.7
Si	25.8515	-20.8798	-5.1917	33.47878	387.2
Si	25.8515	23.8655	-5.1917	33.47878	419.82
Si	8.4505	-26.3514	-17.3058	33.51421	387.14
Si	-26.3514	8.4505	17.3058	33.51421	429.74
Si	18.8939	25.8515	-15.5752	33.7449	436.71
Si	5.9646	-30.8231	8.6529	33.75198	527.78
Si	3.4788	-11.4363	31.1504	33.78539	407.04
Si	-18.8939	-5.9646	-25.9586	33.8391	448.61
Si	-11.4363	-1.4929	-31.1504	33.85888	440.32

Si	-8.4505	26.3514	20.7669	33.88334	390.82
Si	-20.8798	-18.8939	-15.5752	34.04028	450.84
Si	10.9363	33.809	-5.1917	34.06552	391.17
Si	30.8231	-10.9363	-12.114	34.08078	379.75
Si	13.4222	-6.4646	-31.1504	34.29248	504.49
Si	33.309	-6.4646	-10.3835	34.40061	380.47
Si	-11.4363	8.4505	-31.1504	34.43714	427.95
Si	5.9646	18.8939	29.4198	34.47192	429.19
Si	-25.8515	-18.8939	5.1917	34.50054	459.98
Si	-15.908	-3.9787	-29.4198	34.61583	443.8
Si	-11.4363	-6.4646	-31.1504	34.653	442.21
Si	-3.9787	-20.8798	-25.9586	34.70338	420.33
Si	5.9646	-30.8231	-12.114	34.80048	380.61
Si	-28.8373	13.9222	-12.114	34.94501	520.69
Si	15.908	-10.9363	29.4198	35.04007	406.17
Si	23.3656	-11.4363	24.2281	35.10809	401.65
Si	-11.4363	23.3656	-24.2281	35.10809	387.2
Si	-31.3231	-6.4646	10.3835	35.32744	501.56
Si	-21.3797	13.4222	24.2281	35.39015	401.12
Si	30.8231	13.9222	15.5752	35.45893	449.38
Si	10.9363	-20.8798	-25.9586	35.54665	413.77
Si	-11.4363	-21.3797	-24.2281	35.73959	433.27
Si	36.2948	-3.4788	-6.9223	35.83027	379.92
Si	21.3797	31.3231	0	35.85144	379.79
Si	11.4363	1.4929	-34.6115	36.01149	531.8
Si	-28.8373	18.8939	8.6529	36.02198	405.86
Si	-21.3797	23.3656	17.3058	36.07021	384.49
Si	28.3373	18.3939	-17.3058	36.13523	423.8
Si	-15.908	30.8231	12.114	36.19125	365.23
Si	-8.4505	-33.309	0	36.19452	548.39
Si	-21.3797	-26.3514	3.4611	36.20001	464.45
Si	-28.3373	-18.3939	6.9223	36.51361	460.42
Si	28.8373	10.9363	-22.4975	36.64735	393.43
Si	-28.3373	-3.4788	-20.7669	36.68546	468.24
Si	23.3656	18.3939	24.2281	36.75673	444.79
Si	-21.3797	28.3373	10.3835	36.76403	369.09
Si	20.8798	-15.908	-25.9586	36.77626	369.18
Si	-16.408	-6.4646	-31.1504	36.79821	442.44
Si	-30.8231	-13.9222	-8.6529	36.83508	504.55
Si	-13.9222	33.809	8.6529	36.83508	364.97
Si	11.4363	36.2948	-6.9223	36.85053	389.75
Si	20.8798	-25.8515	15.5752	36.96146	338.08
Si	-26.3514	3.4788	-24.2281	36.96278	462.87
Si	-15.908	-28.8373	12.114	37.00623	444.21
Si	23.8655	20.8798	-22.4975	37.18228	416.54
Si	0.993	18.8939	-32.8809	37.20481	336.69
Si	16.408	21.3797	27.6892	37.21071	424.24
Si	23.8655	5.9646	-29.4198	37.22977	391.57
Si	-20.8798	-23.8655	-15.5752	37.23134	452.76
Si	23.8655	30.8231	5.1917	37.25256	380.23
Si	-21.3797	18.3939	-24.2281	37.36038	390.86
Si	-8.9505	-30.8231	15.5752	37.36277	421.16
Si	15.908	33.809	-12.114	37.40152	396.01
Si	36.2948	1.4929	13.8446	37.45458	424.41
Si	-10.9363	-33.809	-1.7306	37.46601	549.37
Si	-33.809	-10.9363	1.7306	37.46601	464.97
Si	30.8231	-15.908	15.5752	37.4919	388.66
Si	-16.408	-31.3231	3.4611	37.5408	478.29
Si	8.4505	38.2807	-3.4611	37.5996	388.85
Si	10.9363	3.9787	36.3421	37.63117	362.54
Si	16.408	1.4929	34.6115	37.68841	360.77
Si	1.4929	16.408	34.6115	37.68841	416.2

Si	0.993	-25.8515	-25.9586	37.70694	396.88
Si	13.4222	-16.408	31.1504	37.85624	396.58
Si	-13.4222	36.2948	0	37.86334	334.89
Si	33.809	-3.9787	19.0363	37.90314	384.19
Si	33.309	-16.408	-10.3835	37.95422	365.32
Si	-25.8515	5.9646	25.9586	37.96788	402.39
Si	26.3514	-18.3939	20.7669	38.00913	369.56
Si	13.4222	33.309	-17.3058	38.13216	398.33
Si	25.8515	3.9787	29.4198	38.27587	389.03
Si	3.4788	38.2807	10.3835	38.27665	383.2
Si	3.4788	38.2807	-10.3835	38.27665	393.19
Si	-28.8373	18.8939	15.5752	38.2792	392.67
Si	0.993	38.7807	8.6529	38.28183	383.31
Si	-1.4929	38.2807	10.3835	38.34153	380.47
Si	18.8939	10.9363	32.8809	38.38133	372.53
Si	-13.9222	-10.9363	-32.8809	38.38313	441.98
Si	-10.9363	0.993	-36.3421	38.41202	426.45
Si	-33.809	13.9222	8.6529	38.41327	406.83
Si	21.3797	31.3231	13.8446	38.43174	374.36
Si	-18.3939	-28.3373	-13.8446	38.43174	453.56
Si	35.7948	13.9222	-12.114	38.44294	404.73
Si	-11.4363	33.309	-17.3058	38.4567	362.22
Si	10.9363	38.7807	1.7306	38.5039	384.68
Si	-8.4505	26.3514	-27.6892	38.51633	382.23
Si	-8.9505	8.9505	36.3421	38.54122	315.18
Si	-25.8515	20.8798	19.0363	38.54796	388.9
Si	-30.8231	-18.8939	5.1917	38.56035	457.95
Si	25.8515	-25.8515	-12.114	38.57204	360.56
Si	3.9787	-33.809	-15.5752	38.66505	381.97
Si	-33.309	-8.4505	-13.8446	38.75199	512.8
Si	-16.408	-31.3231	10.3835	38.79624	443.93
Si	38.2807	13.4222	-3.4611	38.82821	371.93
Si	-13.4222	-8.4505	34.6115	38.97804	318.89
Si	11.4363	-13.4222	34.6115	38.97804	398.86
Si	0.993	38.7807	-12.114	39.20939	388.98
Si	-0.993	30.8231	25.9586	39.24657	384.56
Si	30.8231	3.9787	-25.9586	39.24657	386.8
Si	-11.4363	-31.3231	17.3058	39.28795	421.88
Si	-13.4222	-28.3373	20.7669	39.28823	415.51
Si	-13.4222	31.3231	20.7669	39.28823	372.92
Si	16.408	31.3231	20.7669	39.28823	391.69
Si	20.8798	-20.8798	-25.9586	39.37303	369.34
Si	-0.993	40.7666	-1.7306	39.39028	381.59
Si	-23.3656	-28.3373	6.9223	39.44242	460.01
Si	-6.4646	8.4505	-38.0727	39.51274	386.8
Si	-23.8655	-5.9646	29.4198	39.54984	471.56
Si	-13.9222	3.9787	36.3421	39.55439	316.89
Si	-30.8231	5.9646	-22.4975	39.62903	454.06
Si	3.9787	40.7666	5.1917	39.69324	382.62
Si	1.4929	41.2665	0	39.7736	381.11
Si	-36.2948	13.4222	-3.4611	39.77685	401.01
Si	13.4222	-36.2948	-3.4611	39.77685	329.05
Si	-36.2948	13.4222	3.4611	39.77685	408.18
Si	25.8515	-25.8515	15.5752	39.79495	337.39
Si	-25.8515	25.8515	-15.5752	39.79495	363.2
Si	23.3656	-21.3797	24.2281	39.85686	367.17
Si	-18.8939	23.8655	-25.9586	39.87487	379.33
Si	5.9646	-20.8798	-32.8809	40.02108	402.26
Si	-13.9222	-20.8798	29.4198	40.04601	385.29
Si	41.2665	-3.4788	0	40.08313	371.62
Si	16.408	26.3514	-27.6892	40.08862	326.15
Si	16.408	26.3514	27.6892	40.08862	413.64

Si	-11.4363	23.3656	-31.1504	40.19855	382.98
Si	-15.908	-33.809	-8.6529	40.29747	465.9
Si	-5.9646	40.7666	5.1917	40.31115	379.24
Si	40.7666	-5.9646	-5.1917	40.31115	376.56
Si	-33.309	16.408	13.8446	40.31508	396.32
Si	16.408	36.2948	-13.8446	40.31508	395.98
Si	-25.8515	15.908	25.9586	40.36533	400.64
Si	-0.993	-38.7807	-1.7306	40.38729	513.35
Si	-25.8515	5.9646	-29.4198	40.41328	458.27
Si	-33.309	1.4929	-20.7669	40.52698	448.61
Si	1.4929	-33.309	20.7669	40.52698	325.02
Si	-3.9787	28.8373	29.4198	40.53611	381.52
Si	33.309	8.4505	-24.2281	40.59151	389.49
Si	23.8655	-23.8655	-22.4975	40.61678	365.53
Si	38.2807	18.3939	3.4611	40.63208	331.37
Si	5.9646	38.7807	15.5752	40.6566	374.87
Si	-1.4929	38.2807	17.3058	40.76452	378.81
Si	38.2807	-1.4929	-17.3058	40.76452	375.84
Si	20.8798	33.809	15.5752	40.77699	375.89
Si	-33.309	6.4646	-20.7669	40.8308	451.47
Si	-3.4788	36.2948	20.7669	40.8308	376.05
Si	-20.8798	35.7948	-1.7306	40.98968	330.97
Si	-8.4505	-38.2807	0	40.99769	542.89
Si	-0.993	35.7948	-22.4975	41.09671	349.97
Si	-30.8231	-23.8655	-1.7306	41.11415	444.38
Si	11.4363	-18.3939	34.6115	41.13772	395.91
Si	26.3514	-28.3373	13.8446	41.22449	338.1
Si	33.809	-18.8939	-15.5752	41.26176	363.98
Si	-36.2948	-11.4363	10.3835	41.26609	469.56
Si	-25.8515	25.8515	19.0363	41.27268	383.91
Si	25.8515	-25.8515	-19.0363	41.27268	364.34
Si	-30.8231	-23.8655	5.1917	41.40449	453.99
Si	-18.3939	31.3231	-20.7669	41.43175	369.11
Si	31.3231	-18.3939	-20.7669	41.43175	360.86
Si	0.993	-30.8231	-25.9586	41.45391	396.52
Si	41.2665	11.4363	6.9223	41.57798	337.47
Si	41.2665	-8.4505	6.9223	41.57798	368.16
Si	-8.4505	-38.2807	6.9223	41.57798	526.98
Si	3.9787	-23.8655	32.8809	41.5979	357.58
Si	5.9646	-30.8231	-25.9586	41.69141	395.52
Si	11.4363	-33.309	20.7669	41.72898	320.48
Si	36.2948	11.4363	-20.7669	41.72898	389.43
Si	-18.8939	3.9787	36.3421	41.74381	317.62
Si	8.9505	40.7666	12.114	41.77062	375.94
Si	3.4788	-26.3514	-31.1504	41.82814	396.52
Si	-38.7807	8.9505	8.6529	41.86223	400.98
Si	-8.4505	-28.3373	-27.6892	41.89754	406.27
Si	3.4788	43.2524	3.4611	41.94972	381.14
Si	20.8798	-15.908	-32.8809	41.94995	366.56
Si	-36.2948	-16.408	3.4611	41.95631	455.01
Si	-1.4929	43.2524	-3.4611	42.00893	382.63
Si	23.8655	25.8515	25.9586	42.04431	422.14
Si	-16.408	23.3656	31.1504	42.06188	352.73
Si	23.8655	-33.809	5.1917	42.11544	333.03
Si	-3.4788	6.4646	41.5338	42.12472	311.8
Si	-3.4788	-3.4788	-41.5338	42.12472	377.7
Si	6.4646	-3.4788	-41.5338	42.12472	382.95
Si	25.8515	33.809	-12.114	42.24235	351.46
Si	33.809	25.8515	12.114	42.24235	357.01
Si	16.408	21.3797	-34.6115	42.61339	324.16
Si	-40.7666	-3.9787	-1.7306	42.64733	428.44
Si	-11.4363	38.2807	-17.3058	42.6614	364.03

Si	-10.9363	25.8515	32.8809	42.76658	358.48
Si	-23.3656	-33.309	0	42.76818	455.88
Si	-18.8939	-35.7948	-5.1917	42.81296	461.53
Si	30.8231	18.8939	-25.9586	42.85915	401.92
Si	-15.908	30.8231	25.9586	42.85915	367.8
Si	28.3373	33.309	-10.3835	42.9034	349.19
Si	-40.7666	-3.9787	5.1917	42.92731	430.95
Si	38.2807	23.3656	3.4611	42.93876	328.71
Si	-10.9363	-8.9505	39.8032	42.98658	314.73
Si	-15.908	40.7666	-1.7306	42.99078	332.73
Si	-3.4788	-8.4505	41.5338	42.99588	314.13
Si	23.3656	-31.3231	-17.3058	43.06732	361.61
Si	16.408	-33.309	-20.7669	43.18445	355.3
Si	23.8655	30.8231	-22.4975	43.20805	391.44
Si	-13.9222	-35.7948	15.5752	43.25027	424.9
Si	-23.3656	-33.309	-6.9223	43.32477	456.4
Si	0.993	-0.993	43.2644	43.33861	314.03
Si	16.408	31.3231	27.6892	43.34735	402.72
Si	43.7524	5.9646	-8.6529	43.36738	368.13
Si	38.7807	-18.8939	-8.6529	43.36898	346.83
Si	-21.3797	-26.3514	24.2281	43.42188	394.65
Si	33.309	-26.3514	10.3835	43.53602	338.93
Si	-15.908	-28.8373	25.9586	43.54952	399.03
Si	-35.7948	0.993	-22.4975	43.55184	449.06
Si	3.9787	5.9646	-43.2644	43.56583	371.84
Si	10.9363	-40.7666	-5.1917	43.61185	328.51
Si	-30.8231	30.8231	-1.7306	43.67592	330.24
Si	26.3514	-8.4505	-34.6115	43.75811	365.9
Si	11.4363	26.3514	34.6115	43.75811	403.48
Si	-33.809	-0.993	-25.9586	43.88907	447.76
Si	38.7807	-3.9787	-22.4975	43.89136	372.83
Si	-5.9646	0.993	-43.2644	43.90525	375.17
Si	-23.8655	33.809	15.5752	43.93136	364.89
Si	23.3656	3.4788	-38.0727	43.95322	372.68
Si	18.3939	38.2807	-17.3058	44.02812	393.74
Si	-28.3373	26.3514	20.7669	44.03465	383.74
Si	-10.9363	40.7666	-15.5752	44.03966	363.18
Si	30.8231	3.9787	-32.8809	44.1316	373.66
Si	-1.4929	38.2807	-24.2281	44.15038	350.55
Si	35.7948	28.8373	-5.1917	44.17342	333.79
Si	-38.7807	-15.908	-5.1917	44.17812	438.18
Si	-13.9222	33.809	-25.9586	44.22444	367.79
Si	-36.2948	-21.3797	-3.4611	44.30627	437.46
Si	20.8798	-0.993	-39.8032	44.34327	372.28
Si	20.8798	3.9787	-39.8032	44.34327	370.6
Si	-28.8373	33.809	1.7306	44.35358	330
Si	31.3231	-28.3373	-13.8446	44.39994	356.98
Si	-13.4222	6.4646	41.5338	44.40985	313.45
Si	16.408	-3.4788	-41.5338	44.40985	376.21
Si	6.4646	-13.4222	-41.5338	44.40985	375.35
Si	-15.908	10.9363	39.8032	44.45524	313.85
Si	-21.3797	3.4788	38.0727	44.45927	316.79
Si	-33.309	1.4929	-27.6892	44.47318	446.49
Si	13.4222	-41.2665	3.4611	44.527	323.62
Si	-8.9505	-0.993	43.2644	44.57633	309.7
Si	-0.993	45.7383	5.1917	44.61821	380.94
Si	-30.8231	-28.8373	5.1917	44.62285	449.97
Si	35.7948	-25.8515	8.6529	44.71252	338.86
Si	-25.8515	35.7948	-8.6529	44.71252	329.3
Si	-23.3656	26.3514	-27.6892	44.75022	374.8
Si	-6.4646	38.2807	24.2281	44.76229	372.84
Si	38.2807	-6.4646	24.2281	44.76229	356.56

Si	3.9787	-28.8373	32.8809	44.80237	355.82
Si	-41.2665	-11.4363	3.4611	44.80525	444.8
Si	28.3373	-16.408	-31.1504	44.84873	362.05
Si	1.4929	-38.2807	20.7669	44.86874	323.78
Si	8.9505	45.7383	-1.7306	44.90279	378.4
Si	-23.8655	8.9505	36.3421	44.93788	316.9
Si	41.2665	-18.3939	-6.9223	45.0038	350.49
Si	-15.908	30.8231	-29.4198	45.03976	369.68
Si	-28.8373	-25.8515	-19.0363	45.05567	412.33
Si	15.908	28.8373	-32.8809	45.12942	320.39
Si	41.2665	-3.4788	20.7669	45.14334	359.02
Si	45.7383	-0.993	8.6529	45.15199	356.2
Si	18.3939	43.2524	3.4611	45.18273	354.04
Si	-20.8798	40.7666	-1.7306	45.23218	331.61
Si	-8.4505	-13.4222	41.5338	45.23702	314.92
Si	43.2524	3.4788	-17.3058	45.24697	374.06
Si	3.4788	-31.3231	-31.1504	45.28993	394.7
Si	-18.3939	-28.3373	-27.6892	45.2992	383.79
Si	-18.3939	31.3231	-27.6892	45.2992	370.62
Si	43.2524	-1.4929	17.3058	45.30187	360.51
Si	-3.9787	-10.9363	43.2644	45.34568	314.18
Si	-23.8655	-35.7948	-5.1917	45.39142	456
Si	-23.8655	38.7807	-5.1917	45.39142	330.79
Si	15.908	43.7524	8.6529	45.48109	354.4
Si	-20.8798	40.7666	5.1917	45.49625	334.74
Si	23.8655	40.7666	5.1917	45.49625	352.3
Si	-33.309	-8.4505	-27.6892	45.57121	428.96
Si	13.4222	38.2807	24.2281	45.63605	391.61
Si	0.993	23.8655	-39.8032	45.6627	322.31
Si	-26.3514	33.309	17.3058	45.68433	364.69
Si	31.3231	1.4929	-34.6115	45.69242	373.5
Si	8.4505	43.2524	-17.3058	45.73569	363.19
Si	23.3656	-11.4363	-38.0727	45.77233	364.45
Si	35.7948	-5.9646	29.4198	45.80134	353.3
Si	-28.3373	-33.309	0	45.83681	453.76
Si	-33.309	-28.3373	0	45.83681	442.03
Si	-33.309	31.3231	0	45.83681	330.7
Si	33.309	-31.3231	-3.4611	45.83812	354.59
Si	23.8655	5.9646	39.8032	45.87841	340.08
Si	-11.4363	38.2807	-24.2281	45.90757	363.33
Si	23.8655	-33.809	19.0363	45.92535	318.37
Si	-38.2807	11.4363	-20.7669	45.95731	425.33
Si	-8.4505	-38.2807	-20.7669	45.95731	385.3
Si	33.309	-21.3797	-24.2281	46.06971	359.99
Si	18.3939	-41.2665	-3.4611	46.10846	324.22
Si	-43.7524	8.9505	-5.1917	46.14869	374.58
Si	15.908	-5.9646	43.2644	46.20841	320.83
Si	-6.4646	8.4505	-44.995	46.21986	369.57
Si	15.908	-40.7666	-12.114	46.26454	313.52
Si	43.7524	15.908	12.114	46.26454	334.4
Si	0.993	43.7524	-19.0363	46.35184	358.25
Si	-33.309	31.3231	6.9223	46.35657	331.11
Si	36.2948	31.3231	-6.9223	46.35657	334.58
Si	-28.3373	36.2948	-6.9223	46.35657	330.54
Si	35.7948	-15.908	-25.9586	46.40331	357.84
Si	28.8373	10.9363	-36.3421	46.45039	373.71
Si	-41.2665	-16.408	-3.4611	46.48428	436.72
Si	-38.7807	18.8939	15.5752	46.55468	382.31
Si	8.9505	-33.809	-29.4198	46.5549	393.77
Si	-13.4222	16.408	41.5338	46.58301	316.47
Si	8.4505	-41.2665	17.3058	46.65044	320.63
Si	13.4222	43.2524	-17.3058	46.75097	364.56

Si	33.809	-23.8655	-22.4975	46.83497	361.37
Si	-30.8231	-23.8655	-22.4975	46.83497	410.9
Si	33.309	-31.3231	-10.3835	46.87185	354.35
Si	-20.8798	20.8798	-36.3421	46.87358	349.01
Si	-38.2807	26.3514	0	46.90292	330.52
Si	3.9787	-43.7524	12.114	46.90482	328.13
Si	16.408	36.2948	27.6892	46.90761	394.44
Si	18.8939	40.7666	19.0363	46.98505	357.06
Si	-23.3656	21.3797	-34.6115	47.02537	348.41
Si	6.4646	46.2382	13.8446	47.1013	365
Si	-18.3939	-8.4505	-41.5338	47.11064	371.81
Si	-43.2524	16.408	0	47.16569	376.91
Si	16.408	-43.2524	0	47.16569	325.5
Si	3.4788	-26.3514	-38.0727	47.20991	395.99
Si	43.2524	23.3656	3.4611	47.26786	329.29
Si	15.908	-40.7666	15.5752	47.28894	310.35
Si	38.2807	-26.3514	-10.3835	47.29126	350.96
Si	-26.3514	38.2807	10.3835	47.29126	350.25
Si	-25.8515	-33.809	-15.5752	47.29186	407.36
Si	30.8231	8.9505	36.3421	47.29297	344.27
Si	-15.908	30.8231	32.8809	47.37311	356.26
Si	3.9787	-28.8373	-36.3421	47.40089	397.67
Si	41.2665	-23.3656	6.9223	47.411	337.01
Si	-23.3656	41.2665	-6.9223	47.411	329.88
Si	-23.3656	-38.2807	-6.9223	47.411	454.06
Si	-23.3656	-38.2807	6.9223	47.411	434.13
Si	-16.408	23.3656	38.0727	47.41713	341.05
Si	-11.4363	-6.4646	-44.995	47.48717	371.37
Si	-5.9646	45.7383	-15.5752	47.49581	356.09
Si	5.9646	-5.9646	-46.7255	47.52774	376.04
Si	45.7383	18.8939	1.7306	47.57561	329.07
Si	48.724	-3.9787	-1.7306	47.57852	344.55
Si	31.3231	-23.3656	27.6892	47.69148	338.7
Si	-35.7948	-23.8655	-15.5752	47.70758	416.11
Si	15.908	-25.8515	36.3421	47.71013	339.1
Si	30.8231	-35.7948	-5.1917	47.72414	354.23
Si	43.2524	-21.3797	-3.4611	47.73878	347.24
Si	43.2524	-21.3797	3.4611	47.73878	336.86
Si	-25.8515	30.8231	25.9586	47.76847	358.04
Si	-20.8798	-28.8373	-29.4198	47.81189	383.5
Si	28.8373	35.7948	19.0363	47.81965	350.14
Si	18.8939	-38.7807	19.0363	47.82399	307.14
Si	43.7524	0.993	-22.4975	47.87742	372.14
Si	46.2382	11.4363	13.8446	47.882	336.72
Si	-43.2524	-8.4505	-13.8446	47.882	397.05
Si	-43.2524	11.4363	-13.8446	47.882	383.28
Si	3.4788	48.2241	10.3835	47.91205	369.69
Si	33.809	35.7948	-8.6529	47.91475	333.96
Si	-0.993	-8.9505	46.7255	47.94285	314.61
Si	-8.9505	-0.993	-46.7255	47.94285	374.09
Si	38.7807	-13.9222	25.9586	47.9776	337.66
Si	-18.8939	18.8939	-39.8032	47.98655	345.97
Si	-18.8939	-35.7948	22.4975	48.08463	383.95
Si	-20.8798	-13.9222	39.8032	48.19186	328.02
Si	45.7383	-15.908	8.6529	48.32511	342
Si	-43.7524	-5.9646	15.5752	48.42865	382.82
Si	41.2665	1.4929	27.6892	48.46268	334.62
Si	5.9646	28.8373	-39.8032	48.49749	317.05
Si	-16.408	-1.4929	-44.995	48.51704	367.56
Si	-1.4929	-16.408	-44.995	48.51704	366.26
Si	-6.4646	48.2241	-10.3835	48.52775	356.97
Si	-41.2665	-21.3797	-3.4611	48.61586	433.89

Si	38.7807	-8.9505	-29.4198	48.63089	357.81
Si	40.7666	-25.8515	8.6529	48.63132	338.51
Si	-16.408	-31.3231	-31.1504	48.65878	382.59
Si	26.3514	-3.4788	-41.5338	48.65922	367.61
Si	40.7666	13.9222	-25.9586	48.69041	382.87
Si	-38.7807	-25.8515	1.7306	48.71003	434.74
Si	-5.9646	-33.809	32.8809	48.81588	338.42
Si	-6.4646	38.2807	31.1504	48.85702	362.5
Si	33.309	-31.3231	-17.3058	48.87375	355.42
Si	-11.4363	-26.3514	38.0727	48.90804	330.2
Si	23.8655	5.9646	-43.2644	48.91153	369.19
Si	-6.4646	43.2524	-24.2281	48.93032	355.93
Si	1.4929	-33.309	-34.6115	49.08287	396.37
Si	18.3939	-41.2665	17.3058	49.12738	309.59
Si	-43.2524	-13.4222	-13.8446	49.15562	396.36
Si	3.4788	-41.2665	24.2281	49.18647	320.56
Si	-33.809	23.8655	-25.9586	49.19966	328.1
Si	-33.309	36.2948	0	49.21732	330.81
Si	-43.2524	1.4929	-20.7669	49.32957	412.39
Si	-3.4788	36.2948	-34.6115	49.33403	318.14
Si	-33.309	-3.4788	-34.6115	49.33403	388.05
Si	13.4222	48.2241	10.3835	49.33487	352.54
Si	-33.809	33.809	-12.114	49.36899	327.65
Si	-31.3231	-26.3514	-24.2281	49.38819	412.05
Si	-8.9505	28.8373	-39.8032	49.40722	320.92
Si	-8.9505	13.9222	-46.7255	49.46538	356.66
Si	1.4929	11.4363	-48.4561	49.4658	357.39
Si	-8.4505	1.4929	48.4561	49.4658	307.72
Si	-8.4505	-38.2807	-27.6892	49.47224	387.36
Si	30.8231	-0.993	-39.8032	49.50494	367.13
Si	48.2241	-11.4363	10.3835	49.58614	340.63
Si	-41.2665	8.4505	-24.2281	49.63641	421.82
Si	-23.8655	-20.8798	36.3421	49.64205	334.33
Si	48.724	15.908	5.1917	49.65412	327.61
Si	3.4788	33.309	-38.0727	49.65617	316.52
Si	-33.309	-33.309	6.9223	49.70174	446.59
Si	-28.3373	41.2665	0	49.717	327.68
Si	-38.2807	31.3231	0	49.717	329.36
Si	-10.9363	45.7383	19.0363	49.74454	352.44
Si	-35.7948	-18.8939	25.9586	49.79805	318.72
Si	13.9222	-33.809	32.8809	49.81829	318.64
Si	18.8939	30.8231	-36.3421	49.83777	317.75
Si	38.7807	25.8515	-22.4975	49.89841	343.53
Si	-1.4929	48.2241	-17.3058	49.92203	356.32
Si	-3.4788	51.2099	0	49.96497	371.23
Si	-43.7524	18.8939	-12.114	49.96674	364.91
Si	30.8231	-5.9646	-39.8032	50.00175	365.95
Si	23.8655	-18.8939	39.8032	50.00451	325.98
Si	-3.9787	-35.7948	-32.8809	50.0147	391.27
Si	18.8939	5.9646	46.7255	50.0606	326.96
Si	36.2948	11.4363	-34.6115	50.07993	374.65
Si	8.4505	33.309	-38.0727	50.10189	315.73
Si	18.3939	-26.3514	-38.0727	50.10465	345.68
Si	28.8373	-38.7807	12.114	50.16395	310.42
Si	-5.9646	45.7383	-22.4975	50.19365	354.65
Si	8.9505	45.7383	-22.4975	50.19365	358.28
Si	-0.993	0.993	-50.1867	50.25068	364.11
Si	23.3656	-31.3231	31.1504	50.25584	326.57
Si	-31.3231	3.4788	38.0727	50.30269	307.27
Si	-26.3514	43.2524	-3.4611	50.31044	327.93
Si	8.4505	48.2241	17.3058	50.31602	362.75
Si	-33.309	31.3231	-20.7669	50.32174	329.67

Si	36.2948	-28.3373	20.7669	50.32174	325.24
Si	-3.4788	-48.2241	-6.9223	50.44221	339.44
Si	13.9222	15.908	46.7255	50.45351	308.08
Si	10.9363	43.7524	-25.9586	50.48653	358.76
Si	-20.8798	40.7666	-22.4975	50.48853	339.51
Si	-11.4363	-46.2382	-10.3835	50.52958	367.39
Si	-3.9787	3.9787	50.1867	50.54523	307.78
Si	35.7948	-15.908	-32.8809	50.60209	352.81
Si	-21.3797	-31.3231	31.1504	50.69901	359.05
Si	-48.2241	11.4363	0	50.70159	369.15
Si	-20.8798	-43.7524	5.1917	50.74073	429.47
Si	-31.3231	8.4505	38.0727	50.74273	307.55
Si	-48.724	-5.9646	1.7306	50.79717	371.2
Si	35.7948	38.7807	-5.1917	50.93088	331.87
Si	6.4646	-13.4222	-48.4561	50.94283	368.57
Si	-3.4788	16.408	-48.4561	50.94283	356.43
Si	-23.3656	36.2948	27.6892	50.94908	351.11
Si	-21.3797	8.4505	44.995	50.95203	310.42
Si	-43.7524	8.9505	22.4975	51.07723	331.43
Si	48.2241	-16.408	-10.3835	51.10835	334.61
Si	-45.7383	5.9646	19.0363	51.11908	333.42
Si	36.2948	-33.309	-13.8446	51.12746	354.09
Si	-5.9646	20.8798	46.7255	51.13452	304.69
Si	45.7383	-10.9363	22.4975	51.16907	345.16
Si	48.724	-3.9787	19.0363	51.21623	350.44
Si	50.7099	-5.9646	-12.114	51.23166	330.78
Si	0.993	-30.8231	-39.8032	51.27254	394.92
Si	20.8798	48.724	-5.1917	51.31847	341.11
Si	38.7807	35.7948	-8.6529	51.39915	332.2
Si	23.3656	28.3373	-38.0727	51.4642	318.21
Si	46.2382	-13.4222	-20.7669	51.5351	337.05
Si	16.408	-43.2524	-20.7669	51.5351	308.55
Si	25.8515	-25.8515	36.3421	51.59263	326.49
Si	41.2665	31.3231	-13.8446	51.60865	325.3
Si	31.3231	-38.2807	13.8446	51.60865	310.73
Si	20.8798	43.7524	22.4975	51.65121	353.19
Si	-43.2524	-23.3656	-6.9223	51.65274	430.91
Si	-23.3656	-43.2524	-6.9223	51.65274	449.83
Si	46.2382	-23.3656	6.9223	51.65274	336.62
Si	46.2382	26.3514	6.9223	51.65274	321
Si	-13.4222	11.4363	48.4561	51.66551	307.38
Si	-8.4505	16.408	-48.4561	51.66551	357
Si	-0.993	50.7099	-15.5752	51.68253	356.56
Si	18.3939	-46.2382	10.3835	51.68866	305.15
Si	-28.8373	-35.7948	-19.0363	51.69793	401.11
Si	13.9222	0.993	-50.1867	51.7053	345.22
Si	20.8798	-45.7383	8.6529	51.78324	307.19
Si	20.8798	48.724	8.6529	51.78324	344.58
Si	23.8655	0.993	46.7255	51.80791	325.55
Si	-5.9646	45.7383	25.9586	51.8374	352.3
Si	51.2099	-3.4788	-13.8446	51.84757	333.17
Si	6.4646	51.2099	-13.8446	51.84757	355.11
Si	-48.2241	6.4646	13.8446	51.84757	335.85
Si	-25.8515	30.8231	32.8809	51.85684	343.69
Si	53.1958	-1.4929	-3.4611	51.90457	339.37
Si	13.9222	-3.9787	-50.1867	51.99161	345.86
Si	23.3656	-26.3514	38.0727	51.99276	327.01
Si	-1.4929	3.4788	51.9173	52.04094	308.33
Si	-41.2665	-26.3514	-10.3835	52.07194	427.48
Si	-11.4363	-21.3797	44.995	52.10437	310.85
Si	38.2807	38.2807	3.4611	52.14081	326.72
Si	13.4222	-46.2382	-17.3058	52.15415	308.39

Si	48.724	-18.8939	-8.6529	52.16583	335.86
Si	-13.9222	-15.908	-46.7255	52.18899	347.34
Si	-23.8655	-20.8798	-39.8032	52.22914	344.03
Si	8.4505	53.1958	3.4611	52.28363	345.97
Si	-20.8798	-28.8373	-36.3421	52.35647	375.84
Si	51.2099	16.408	-6.9223	52.36562	320.17
Si	41.2665	-18.3939	27.6892	52.38431	334.43
Si	50.7099	18.8939	-5.1917	52.46013	320.48
Si	53.6957	0.993	5.1917	52.46276	338.23
Si	0.993	-50.7099	-5.1917	52.46276	333.96
Si	-45.7383	20.8798	12.114	52.47267	338.81
Si	20.8798	-45.7383	-12.114	52.47267	306.34
Si	-1.4929	28.3373	44.995	52.47935	301.92
Si	-48.2241	11.4363	13.8446	52.55782	337.53
Si	28.3373	-31.3231	-31.1504	52.61042	331.73
Si	-3.4788	21.3797	48.4561	52.61365	303.24
Si	18.3939	48.2241	-17.3058	52.6207	343.03
Si	-43.7524	-5.9646	-25.9586	52.69343	401.9
Si	15.908	-5.9646	50.1867	52.74574	315.33
Si	-38.7807	18.8939	29.4198	52.82306	308.16
Si	43.7524	-23.8655	19.0363	52.8327	321.59
Si	-13.4222	-13.4222	48.4561	52.84803	308.32
Si	28.3373	8.4505	-44.995	52.85429	365.39
Si	-51.2099	-1.4929	3.4611	52.90066	368.13
Si	23.3656	38.2807	31.1504	52.93488	354
Si	-38.2807	-3.4788	34.6115	52.9586	305.32
Si	6.4646	41.2665	34.6115	52.9586	317.21
Si	-41.2665	-1.4929	-31.1504	52.98703	405.02
Si	-43.2524	26.3514	-13.8446	53.02603	342.1
Si	46.2382	-23.3656	-13.8446	53.02603	332.75
Si	-23.3656	-43.2524	13.8446	53.02603	397.66
Si	-28.8373	38.7807	22.4975	53.07005	348.21
Si	-16.408	23.3656	44.995	53.1357	326.38
Si	-33.809	23.8655	-32.8809	53.17811	329.25
Si	-43.2524	-18.3939	-20.7669	53.18732	388.35
Si	-18.3939	-43.2524	20.7669	53.18732	362
Si	8.9505	25.8515	46.7255	53.21868	307.06
Si	15.908	33.809	-39.8032	53.25805	316.9
Si	3.4788	13.4222	51.9173	53.30716	302.28
Si	-18.3939	-8.4505	-48.4561	53.31369	361.03
Si	11.4363	-18.3939	48.4561	53.31369	307.56
Si	28.3373	-41.2665	17.3058	53.37113	310.33
Si	-35.7948	25.8515	-29.4198	53.37826	327.25
Si	45.7383	28.8373	-12.114	53.40519	324.81
Si	-28.8373	43.7524	-12.114	53.40907	322.64
Si	-43.7524	-15.908	22.4975	53.44214	321.41
Si	-10.9363	-38.7807	32.8809	53.45652	338.9
Si	-25.8515	-33.809	-29.4198	53.4739	384.15
Si	20.8798	-15.908	-46.7255	53.49689	324.3
Si	0.993	-40.7666	-32.8809	53.54686	382.7
Si	-8.4505	46.2382	27.6892	53.55096	351.44
Si	40.7666	3.9787	36.3421	53.56628	317.48
Si	40.7666	-0.993	36.3421	53.56628	317.39
Si	-1.4929	-11.4363	51.9173	53.58619	310.48
Si	-25.8515	-38.7807	-22.4975	53.62657	397.05
Si	-38.2807	-8.4505	34.6115	53.65414	304.47
Si	51.2099	16.408	-13.8446	53.7207	317.69
Si	16.408	51.2099	-13.8446	53.7207	340.77
Si	8.4505	13.4222	-51.9173	53.7226	348.93
Si	43.7524	5.9646	32.8809	53.73093	317.73
Si	-20.8798	15.908	46.7255	53.77366	310.27
Si	15.908	23.8655	-46.7255	53.77366	308.12

Si	-46.2382	-16.408	-17.3058	53.83483	390.79
Si	-6.4646	13.4222	51.9173	53.86122	305.22
Si	-3.9787	53.6957	-12.114	53.8686	355.51
Si	-41.2665	-26.3514	-17.3058	53.88098	415.48
Si	-30.8231	-38.7807	-15.5752	53.93396	404.24
Si	10.9363	-15.908	50.1867	53.95066	305.8
Si	-3.9787	-0.993	-53.6478	53.9834	363.28
Si	21.3797	51.2099	6.9223	53.99244	344.45
Si	-21.3797	-36.2948	31.1504	54.05007	354.58
Si	30.8231	-35.7948	-25.9586	54.07855	333.19
Si	23.8655	50.7099	-1.7306	54.09111	340.36
Si	-11.4363	-6.4646	51.9173	54.09147	304.77
Si	40.7666	-15.908	-32.8809	54.09591	349.51
Si	-48.2241	6.4646	-20.7669	54.1088	399.25
Si	0.993	-25.8515	-46.7255	54.14091	379.53
Si	28.8373	0.993	46.7255	54.14091	323.97
Si	-51.2099	13.4222	-3.4611	54.14677	366.94
Si	-51.2099	8.4505	-10.3835	54.16465	361.57
Si	-23.8655	43.7524	22.4975	54.17609	339.16
Si	5.9646	33.809	43.2644	54.18606	307.12
Si	1.4929	-33.309	41.5338	54.18698	320.68
Si	-11.4363	48.2241	24.2281	54.20302	351.52
Si	-36.2948	-6.4646	-38.0727	54.22876	380.72
Si	-43.7524	28.8373	-12.114	54.23648	342.84
Si	-26.3514	28.3373	38.0727	54.27203	341.85
Si	-13.9222	-35.7948	36.3421	54.30237	338.19
Si	1.4929	26.3514	48.4561	54.46043	303.56
Si	48.724	25.8515	12.114	54.50569	320.12
Si	-26.3514	48.2241	-3.4611	54.5077	325.87
Si	-33.309	-38.2807	-13.8446	54.63318	402.76
Si	-21.3797	33.309	38.0727	54.63467	345.21
Si	-33.809	13.9222	-39.8032	54.63518	320.9
Si	-23.3656	-3.4788	48.4561	54.6869	299.63
Si	56.1816	1.4929	0	54.6887	337.9
Si	53.6957	-3.9787	-15.5752	54.75091	331.05
Si	23.8655	35.7948	-36.3421	54.75314	312.81
Si	-35.7948	-33.809	19.0363	54.76293	313.96
Si	-48.2241	-8.4505	-20.7669	54.78974	393.39
Si	45.7383	33.809	1.7306	54.81763	320.02
Si	-38.7807	18.8939	-32.8809	54.82615	328.32
Si	38.7807	40.7666	-8.6529	54.84221	330.22
Si	40.7666	-35.7948	8.6529	54.84221	314.57
Si	-50.7099	15.908	-8.6529	54.84347	366.63
Si	-23.8655	33.809	36.3421	54.84638	343.28
Si	-18.8939	48.724	-19.0363	54.85237	320.16
Si	-28.3373	-18.3939	-41.5338	54.86695	342.18
Si	55.6816	8.9505	-5.1917	54.94533	319.3
Si	55.6816	-5.9646	-5.1917	54.94533	336.25
Si	0.993	-20.8798	50.1867	54.94986	305.13
Si	-15.908	-43.7524	25.9586	54.98887	355.61
Si	26.3514	-33.309	34.6115	55.01884	325.14
Si	20.8798	43.7524	29.4198	55.02031	349.85
Si	-15.908	15.908	-50.1867	55.039	343.28
Si	35.7948	-40.7666	8.6529	55.11222	307.51
Si	-38.7807	-35.7948	-5.1917	55.12975	399.4
Si	8.9505	-8.9505	53.6478	55.16128	305.55
Si	20.8798	-10.9363	50.1867	55.2181	312.89
Si	-43.2524	-23.3656	20.7669	55.23904	321.47
Si	33.309	43.2524	17.3058	55.27756	328.88
Si	21.3797	-48.2241	13.8446	55.30767	304.57
Si	51.2099	-18.3939	-13.8446	55.30767	333.29
Si	56.1816	-3.4788	-6.9223	55.3488	337.23

Si	28.3373	-16.408	44.995	55.36795	321.49
Si	-48.724	18.8939	15.5752	55.3816	339.03
Si	45.7383	-25.8515	-19.0363	55.38724	333.83
Si	23.8655	50.7099	12.114	55.404	342.16
Si	43.7524	15.908	32.8809	55.45099	307.74
Si	-8.9505	53.6957	15.5752	55.46879	343.32
Si	50.7099	13.9222	22.4975	55.52423	312.55
Si	-51.2099	-1.4929	-17.3058	55.55168	384.14
Si	51.2099	-23.3656	0	55.5853	326.05
Si	1.4929	6.4646	55.3784	55.60112	306.96
Si	1.4929	6.4646	-55.3784	55.60112	356.55
Si	15.908	-0.993	-53.6478	55.60634	344.37
Si	3.9787	15.908	53.6478	55.60634	303.56
Si	38.2807	-26.3514	31.1504	55.66859	316.89
Si	-18.8939	23.8655	-46.7255	55.67252	321.5
Si	3.9787	50.7099	25.9586	55.69872	331.82
Si	43.7524	-13.9222	32.8809	55.7193	326.04
Si	43.7524	-33.809	-8.6529	55.74006	339.67
Si	-31.3231	-1.4929	-44.995	55.77052	347.74
Si	30.8231	-35.7948	29.4198	55.82261	318.35
Si	48.724	30.8231	5.1917	55.83905	320.13
Si	13.4222	18.3939	51.9173	55.88697	307.61
Si	-23.8655	18.8939	-46.7255	55.93852	325.24
Si	-20.8798	45.7383	25.9586	55.9646	337.67
Si	26.3514	-48.2241	6.9223	56.01467	306.31
Si	-48.2241	26.3514	6.9223	56.01467	331.28
Si	-48.2241	-23.3656	6.9223	56.01467	396.49
Si	15.908	-5.9646	-53.6478	56.04909	341.7
Si	30.8231	43.7524	22.4975	56.145	329.64
Si	-40.7666	30.8231	-22.4975	56.145	327.75
Si	-45.7383	-28.8373	-1.7306	56.15776	406.81
Si	-33.309	16.408	-41.5338	56.20222	321.58
Si	-38.2807	-38.2807	0	56.24837	396.6
Si	-43.2524	-18.3939	-27.6892	56.25228	361.07
Si	-43.7524	-30.8231	8.6529	56.27017	405.8
Si	23.8655	-48.724	12.114	56.29411	307.42
Si	-33.809	8.9505	43.2644	56.33508	306.52
Si	-18.3939	-38.2807	-34.6115	56.35051	372.37
Si	-18.3939	41.2665	34.6115	56.35051	332.98
Si	0.993	18.8939	-53.6478	56.40152	345.98
Si	-48.724	13.9222	22.4975	56.41245	333.31
Si	-48.724	-15.908	-19.0363	56.45279	391.8
Si	16.408	26.3514	-48.4561	56.46591	309.07
Si	11.4363	6.4646	55.3784	56.48324	303.03
Si	10.9363	-40.7666	36.3421	56.53129	301.38
Si	-1.4929	43.2524	-38.0727	56.58885	311.13
Si	-38.7807	23.8655	-32.8809	56.60079	326.96
Si	-11.4363	33.309	-44.995	56.60366	309.06
Si	33.309	-11.4363	-44.995	56.60366	326.87
Si	-13.9222	53.6957	15.5752	56.61579	345.21
Si	-53.1958	-3.4788	-13.8446	56.63254	384.6
Si	48.2241	33.309	-3.4611	56.63964	317.01
Si	-43.2524	-33.309	0	56.6861	403.97
Si	56.1816	16.408	0	56.6861	315.59
Si	-23.8655	8.9505	50.1867	56.72185	307.42
Si	28.3373	23.3656	44.995	56.7766	299.39
Si	6.4646	-43.2524	34.6115	56.78746	298.43
Si	-20.8798	30.8231	-43.2644	56.856	306.67
Si	31.3231	26.3514	41.5338	56.85809	300.51
Si	31.3231	26.3514	-41.5338	56.85809	296
Si	26.3514	-28.3373	41.5338	56.85809	326.51
Si	-23.8655	-45.7383	-19.0363	56.88774	377.46

Si	-45.7383	30.8231	12.114	56.90162	326.39
Si	1.4929	-48.2241	27.6892	56.90757	295.29
Si	31.3231	-38.2807	27.6892	56.90757	318.27
Si	38.7807	35.7948	25.9586	56.92846	308.32
Si	-25.8515	35.7948	-36.3421	56.96564	306.38
Si	-30.8231	5.9646	46.7255	56.9877	305.8
Si	-53.6957	8.9505	-12.114	56.99256	360.52
Si	23.3656	48.2241	24.2281	57.00192	347.17
Si	23.8655	-13.9222	-50.1867	57.06892	324.33
Si	-28.8373	13.9222	-46.7255	57.07608	320.92
Si	13.9222	-28.8373	46.7255	57.07608	302.4
Si	-35.7948	0.993	-43.2644	57.1177	347.77
Si	31.3231	6.4646	48.4561	57.11876	321.43
Si	-48.2241	6.4646	27.6892	57.12434	321.86
Si	3.4788	53.1958	24.2281	57.13258	332.35
Si	13.9222	25.8515	-50.1867	57.15354	310.55
Si	28.8373	0.993	-50.1867	57.15475	337.52
Si	53.1958	-1.4929	24.2281	57.17607	336.3
Si	-23.8655	33.809	-39.8032	57.19855	304.84
Si	0.993	-55.6816	1.7306	57.20292	304.03
Si	-41.2665	23.3656	31.1504	57.24618	307.7
Si	25.8515	-20.8798	-46.7255	57.24639	324.59
Si	51.2099	-23.3656	-13.8446	57.28349	333.58
Si	-21.3797	-6.4646	51.9173	57.28768	299.59
Si	-30.8231	-28.8373	-36.3421	57.31485	347.95
Si	5.9646	28.8373	50.1867	57.32724	301.56
Si	-18.8939	-50.7099	-12.114	57.33678	366.47
Si	8.4505	-46.2382	31.1504	57.4196	296.42
Si	-46.2382	28.3373	17.3058	57.43143	326.85
Si	11.4363	46.2382	-34.6115	57.43665	319.88
Si	-18.8939	-0.993	-53.6478	57.44465	334.53
Si	33.309	-46.2382	3.4611	57.4674	298.52
Si	-25.8515	20.8798	46.7255	57.50511	308.31
Si	-13.4222	6.4646	55.3784	57.56688	304.26
Si	10.9363	33.809	-46.7255	57.59149	309.36
Si	43.7524	30.8231	25.9586	57.61922	308.28
Si	-45.7383	-18.8939	25.9586	57.62162	320.99
Si	-6.4646	53.1958	-24.2281	57.64989	336
Si	45.7383	23.8655	29.4198	57.65163	304.18
Si	58.6675	-3.9787	5.1917	57.66994	335.18
Si	-41.2665	8.4505	-38.0727	57.67409	333.47
Si	30.8231	38.7807	-32.8809	57.7217	299.7
Si	55.6816	-10.9363	15.5752	57.73641	325.61
Si	45.7383	8.9505	36.3421	57.74091	315.91
Si	11.4363	51.2099	27.6892	57.76974	325.64
Si	33.809	-38.7807	25.9586	57.79391	317.82
Si	43.2524	33.309	24.2281	57.81971	307.21
Si	23.3656	-46.2382	24.2281	57.82449	306.11
Si	-53.6957	-5.9646	15.5752	57.82723	330.15
Si	53.6957	25.8515	5.1917	57.8397	316.06
Si	25.8515	-50.7099	-5.1917	57.8397	302.67
Si	30.8231	-15.908	-46.7255	57.84748	324.64
Si	38.7807	-23.8655	-36.3421	57.91523	324.03
Si	-25.8515	10.9363	-50.1867	57.92749	321.32
Si	-16.408	33.309	-44.995	57.9418	309.55
Si	-11.4363	43.2524	-38.0727	57.97022	307.84
Si	-11.4363	43.2524	38.0727	57.97022	310.82
Si	58.6675	10.9363	-1.7306	57.97502	317.78
Si	-48.2241	-28.3373	0	57.97949	409.15
Si	23.3656	-51.2099	-10.3835	57.99842	300.88
Si	-0.993	35.7948	46.7255	58.01791	306.13
Si	8.4505	58.1675	10.3835	58.03649	319.36

Si	-1.4929	-51.2099	-24.2281	58.08183	335.92
Si	-51.2099	-1.4929	-24.2281	58.08183	386.26
Si	-55.6816	-8.9505	-1.7306	58.14626	332.3
Si	3.4788	38.2807	44.995	58.15352	306.63
Si	-11.4363	-21.3797	51.9173	58.18695	306.22
Si	-23.3656	-43.2524	27.6892	58.19604	339.62
Si	-48.724	3.9787	29.4198	58.25328	322.65
Si	-0.993	-48.724	-29.4198	58.25328	336.28
Si	-23.8655	-50.7099	-5.1917	58.26785	414.35
Si	-23.3656	41.2665	34.6115	58.291	333.21
Si	18.8939	50.7099	25.9586	58.30061	341.7
Si	46.2382	36.2948	-13.8446	58.35227	320.38
Si	16.408	56.1816	-13.8446	58.35227	337.36
Si	53.1958	28.3373	-3.4611	58.35916	318.75
Si	41.2665	-8.4505	41.5338	58.35981	319.26
Si	-40.7666	-38.7807	-1.7306	58.40218	397.75
Si	-38.7807	-40.7666	1.7306	58.40218	395.9
Si	28.8373	-48.724	12.114	58.44831	303.82
Si	16.408	46.2382	-34.6115	58.50263	317.41
Si	16.408	-43.2524	-34.6115	58.50263	286.74
Si	-1.4929	28.3373	-51.9173	58.52297	308.57
Si	-41.2665	33.309	24.2281	58.54596	306.27
Si	10.9363	-55.6816	8.6529	58.59164	301.3
Si	-30.8231	15.908	46.7255	58.61227	305.09
Si	40.7666	-35.7948	22.4975	58.64241	317.45
Si	38.7807	40.7666	-22.4975	58.64241	307.06
Si	53.6957	15.908	-22.4975	58.64359	309.06
Si	40.7666	-30.8231	29.4198	58.75602	319.51
Si	53.1958	-26.3514	-3.4611	58.8258	324.59
Si	16.408	51.2099	-27.6892	58.82969	319.45
Si	16.408	-48.2241	-27.6892	58.82969	289.9
Si	13.4222	58.1675	-10.3835	58.83991	336.33
Si	-50.7099	20.8798	19.0363	58.8504	338.57
Si	40.7666	-5.9646	43.2644	58.90535	322.89
Si	18.3939	43.2524	38.0727	58.98327	326.2
Si	-41.2665	38.2807	17.3058	59.00167	308.63
Si	-11.4363	58.1675	-10.3835	59.05075	327.82
Si	-18.8939	53.6957	-19.0363	59.18732	321.73
Si	-33.809	48.724	-5.1917	59.19422	310.28
Si	28.8373	-13.9222	-50.1867	59.19493	322.47
Si	-28.3373	-28.3373	-41.5338	59.20083	343.92
Si	3.9787	-13.9222	-57.109	59.20505	333.34
Si	13.4222	-51.2099	24.2281	59.21902	291.15
Si	28.8373	35.7948	39.8032	59.23372	304.24
Si	-30.8231	25.8515	-43.2644	59.2408	306.91
Si	-55.6816	-13.9222	-1.7306	59.24144	331.69
Si	33.309	23.3656	44.995	59.28933	299.75
Si	23.3656	33.309	44.995	59.28933	301.45
Si	-35.7948	-38.7807	-22.4975	59.3167	379.95
Si	26.3514	51.2099	-20.7669	59.33792	315.92
Si	51.2099	-23.3656	-20.7669	59.33792	332.12
Si	56.1816	-8.4505	20.7669	59.33792	326.83
Si	-18.8939	-40.7666	36.3421	59.34836	336.37
Si	-23.8655	3.9787	-53.6478	59.39124	325.87
Si	-38.2807	16.408	41.5338	59.40923	304.28
Si	-25.8515	50.7099	19.0363	59.43411	332.53
Si	-0.993	60.6534	5.1917	59.43982	312.33
Si	30.8231	13.9222	50.1867	59.44284	316.67
Si	-16.408	58.1675	3.4611	59.53513	307.17
Si	53.1958	18.3939	-24.2281	59.54689	308.81
Si	-26.3514	48.2241	-24.2281	59.54921	314.11
Si	-23.8655	48.724	-25.9586	59.56243	316.12

Si	-13.9222	-45.7383	-32.8809	59.57819	361.94
Si	0.993	48.724	36.3421	59.5968	313.54
Si	51.2099	-28.3373	13.8446	59.60951	303.57
Si	31.3231	51.2099	13.8446	59.60951	328.38
Si	31.3231	-48.2241	-13.8446	59.60951	295.06
Si	-26.3514	53.1958	-10.3835	59.63481	311.54
Si	1.4929	-58.1675	0	59.6604	303.73
Si	-38.2807	-33.309	27.6892	59.66409	302.25
Si	-18.3939	-8.4505	55.3784	59.67515	300.69
Si	18.3939	-41.2665	-38.0727	59.69537	286.97
Si	40.7666	43.7524	15.5752	59.75673	323.22
Si	-40.7666	40.7666	-15.5752	59.75673	307.2
Si	-28.8373	-40.7666	29.4198	59.76038	332.4
Si	-53.1958	-18.3939	13.8446	59.81648	335.97
Si	21.3797	-53.1958	13.8446	59.81648	305.45
Si	-26.3514	38.2807	-38.0727	59.81784	307.35
Si	-31.3231	23.3656	-44.995	59.83185	310.14
Si	-23.3656	-23.3656	-48.4561	59.86555	318.51
Si	26.3514	26.3514	48.4561	59.86555	299.74
Si	-10.9363	-33.809	46.7255	59.86636	303
Si	-43.7524	38.7807	-12.114	59.86868	306.27
Si	28.3373	-46.2382	24.2281	59.8822	306.36
Si	-48.724	-30.8231	-5.1917	59.94183	405.28
Si	-10.9363	-28.8373	-50.1867	59.94252	300.28
Si	-36.2948	13.4222	44.995	59.95635	304.9
Si	43.2524	43.2524	-10.3835	59.96272	330.15
Si	-18.3939	46.2382	-34.6115	59.96318	305.98
Si	18.8939	-18.8939	53.6478	59.97084	303.38
Si	30.8231	48.724	22.4975	59.97651	328.65
Si	-36.2948	28.3373	38.0727	59.98382	308.03
Si	-33.809	-30.8231	36.3421	60.09405	292.68
Si	15.908	-55.6816	-12.114	60.19531	299.28
Si	-36.2948	48.2241	-3.4611	60.19713	310.31
Si	-0.993	-58.6675	-1.7306	60.23655	303.85
Si	-43.7524	-20.8798	-32.8809	60.23971	351.73
Si	-56.1816	3.4788	17.3058	60.24766	327.97
Si	-58.1675	-3.4788	6.9223	60.26607	327.13
Si	48.2241	3.4788	38.0727	60.30983	313.31
Si	3.4788	48.2241	38.0727	60.30983	314.7
Si	-11.4363	-26.3514	-51.9173	60.31476	300.05
Si	20.8798	28.8373	50.1867	60.35118	299.13
Si	-30.8231	-18.8939	46.7255	60.3591	291.83
Si	-13.4222	56.1816	-20.7669	60.37034	322.52
Si	46.2382	36.2948	-20.7669	60.37034	309.47
Si	53.1958	3.4788	-31.1504	60.39435	298.57
Si	20.8798	-55.6816	1.7306	60.3968	301.28
Si	35.7948	38.7807	-32.8809	60.39996	302.15
Si	13.4222	58.1675	17.3058	60.44673	316.09
Si	56.1816	-23.3656	-6.9223	60.4708	323.65
Si	0.993	-40.7666	43.2644	60.48071	313.37
Si	-55.6816	-3.9787	19.0363	60.50826	331.87
Si	55.6816	-5.9646	-25.9586	60.54656	304.26
Si	1.4929	51.2099	-34.6115	60.57835	307.02
Si	-38.2807	-28.3373	34.6115	60.57835	293.77
Si	41.2665	31.3231	34.6115	60.57835	305.49
Si	38.7807	-18.8939	-43.2644	60.64488	322.31
Si	-15.908	30.8231	-50.1867	60.6775	307.96
Si	38.2807	43.2524	-24.2281	60.69758	306.46
Si	-13.4222	21.3797	55.3784	60.70183	299.82
Si	-18.3939	16.408	55.3784	60.70183	301.85
Si	-3.9787	43.7524	43.2644	60.72566	308.66
Si	-40.7666	-3.9787	-43.2644	60.72566	350.92

Si	43.7524	40.7666	19.0363	60.75082	323.97
Si	53.1958	8.4505	-31.1504	60.76136	299.66
Si	20.8798	8.9505	57.109	60.76923	309.35
Si	51.2099	6.4646	-34.6115	60.78202	299.12
Si	-48.2241	6.4646	-34.6115	60.78202	332.16
Si	-10.9363	45.7383	39.8032	60.7983	312.12
Si	45.7383	-10.9363	-39.8032	60.7983	319.71
Si	-6.4646	48.2241	-38.0727	60.80011	308.38
Si	18.3939	28.3373	-51.9173	60.84132	310.7
Si	11.4363	61.1533	6.9223	60.87818	319.87
Si	-3.4788	26.3514	55.3784	60.90509	299.22
Si	-23.3656	-3.4788	55.3784	60.90509	297.16
Si	26.3514	-3.4788	-55.3784	60.90509	329.2
Si	3.4788	33.309	-51.9173	60.92298	306.85
Si	-33.809	38.7807	-32.8809	60.97337	305.87
Si	18.3939	-56.1816	-10.3835	60.99023	299.35
Si	43.2524	33.309	-31.1504	61.04477	299.09
Si	46.2382	1.4929	41.5338	61.05079	312.99
Si	53.6957	-23.8655	19.0363	61.0784	304.01
Si	36.2948	51.2099	-6.9223	61.08085	308.53
Si	-33.309	51.2099	-6.9223	61.08085	311.4
Si	30.8231	-50.7099	-12.114	61.09133	297.63
Si	18.8939	-33.809	46.7255	61.09245	305.6
Si	-5.9646	-18.8939	-57.109	61.09557	302.65
Si	28.3373	-16.408	-51.9173	61.12663	324.24
Si	-46.2382	-1.4929	38.0727	61.12855	305.22
Si	23.3656	53.1958	-24.2281	61.14412	314.7
Si	58.6675	-8.9505	19.0363	61.1586	325.73
Si	-8.9505	58.6675	-19.0363	61.1586	321.07
Si	8.9505	5.9646	60.5701	61.19111	303.01
Si	-21.3797	58.1675	-3.4611	61.21393	309.42
Si	-21.3797	58.1675	3.4611	61.21393	308.37
Si	50.7099	3.9787	36.3421	61.23107	313.12
Si	46.2382	6.4646	41.5338	61.25289	313.29
Si	-3.9787	-5.9646	-60.5701	61.2723	334.63
Si	-16.408	-56.1816	10.3835	61.27484	314.53
Si	33.309	28.3373	-44.995	61.29789	295.46
Si	1.4929	-53.1958	27.6892	61.29882	294.61
Si	-25.8515	55.6816	-8.6529	61.31074	312.42
Si	-55.6816	-18.8939	-8.6529	61.31412	313.56
Si	11.4363	51.2099	34.6115	61.38898	309.43
Si	11.4363	-48.2241	34.6115	61.38898	296.97
Si	11.4363	-48.2241	-34.6115	61.38898	286.8
Si	15.908	-30.8231	50.1867	61.40705	305.48
Si	-21.3797	-46.2382	31.1504	61.41464	339.79
Si	18.8939	15.908	-57.109	61.41681	310.68
Si	8.9505	-53.6957	25.9586	61.44308	290.05
Si	-58.1675	-3.4788	-13.8446	61.44717	382.81
Si	41.2665	-43.2524	-13.8446	61.44717	303.11
Si	-45.7383	40.7666	-1.7306	61.45076	300.64
Si	-31.3231	3.4788	51.9173	61.45107	300.33
Si	-20.8798	45.7383	-36.3421	61.47303	306.18
Si	45.7383	23.8655	36.3421	61.47303	302.13
Si	40.7666	-5.9646	-46.7255	61.49235	308.55
Si	-13.4222	-33.309	-48.4561	61.49493	299.52
Si	61.1533	-13.4222	0	61.49653	312.04
Si	-53.1958	-3.4788	27.6892	61.50011	317.18
Si	-0.993	-8.9505	60.5701	61.51409	294.53
Si	-8.9505	3.9787	-60.5701	61.51409	315.44
Si	28.8373	45.7383	32.8809	61.5347	326.76
Si	-31.3231	43.2524	-31.1504	61.57183	305.93
Si	-46.2382	-6.4646	38.0727	61.57196	307.37

Si	58.6675	20.8798	12.114	61.57539	308.52
Si	5.9646	-55.6816	22.4975	61.60407	291.05
Si	35.7948	28.8373	43.2644	61.61285	299.37
Si	28.3373	-51.2099	17.3058	61.62545	303.97
Si	56.1816	26.3514	13.8446	61.64797	307.01
Si	-58.6675	13.9222	-5.1917	61.64988	352.06
Si	-41.2665	-21.3797	-38.0727	61.65265	344.47
Si	60.6534	18.8939	1.7306	61.69074	312.21
Si	0.993	53.6957	-32.8809	61.69718	308.42
Si	10.9363	-5.9646	-60.5701	61.75382	325.25
Si	-31.3231	8.4505	51.9173	61.8118	303.36
Si	-23.8655	-15.908	-53.6478	61.83796	306.46
Si	30.8231	-35.7948	-39.8032	61.92686	291.52
Si	3.9787	45.7383	-43.2644	61.93251	306.09
Si	33.809	-28.8373	-43.2644	61.93586	293.49
Si	15.908	58.6675	-19.0363	61.96053	331.87
Si	-35.7948	50.7099	5.1917	61.9649	306.69
Si	-45.7383	-3.9787	39.8032	62.0082	305
Si	-6.4646	-16.408	-58.8396	62.01497	301.18
Si	-58.1675	-8.4505	13.8446	62.04762	329.58
Si	61.1533	-8.4505	-13.8446	62.04762	311.28
Si	13.4222	33.309	51.9173	62.04815	299.32
Si	33.309	13.4222	-51.9173	62.04815	316.2
Si	-28.8373	-5.9646	-53.6478	62.07755	323.38
Si	-35.7948	45.7383	-22.4975	62.08191	306.87
Si	25.8515	38.7807	43.2644	62.09284	303.7
Si	31.3231	26.3514	48.4561	62.09492	299.86
Si	10.9363	-55.6816	22.4975	62.16304	290.55
Si	-33.309	51.2099	-13.8446	62.24649	312.37
Si	-35.7948	-38.7807	-29.4198	62.27245	364.75
Si	20.8798	-55.6816	15.5752	62.34874	307.36
Si	-40.7666	-33.809	-29.4198	62.4308	352.78
Si	-41.2665	8.4505	44.995	62.46055	302.35
Si	53.6957	35.7948	-1.7306	62.48805	317.82
Si	18.8939	-48.724	32.8809	62.49552	289.73
Si	-30.8231	40.7666	-36.3421	62.50995	307.12
Si	35.7948	48.724	22.4975	62.5583	327.78
Si	-1.4929	63.1392	10.3835	62.58592	312.19
Si	48.2241	18.3939	-38.0727	62.60172	299.21
Si	-58.6675	-15.908	1.7306	62.65027	330.25
Si	58.6675	-18.8939	-15.5752	62.66686	320.23
Si	48.724	20.8798	-36.3421	62.6688	299.52
Si	20.8798	48.724	36.3421	62.6688	321.49
Si	-26.3514	48.2241	31.1504	62.68536	328.14
Si	41.2665	1.4929	48.4561	62.68918	315.98
Si	23.8655	-33.809	46.7255	62.68995	307.23
Si	41.2665	41.2665	-27.6892	62.69426	306.77
Si	-38.2807	-38.2807	27.6892	62.69426	302.57
Si	-3.4788	6.4646	62.3007	62.6962	295.12
Si	18.8939	-43.7524	39.8032	62.72338	293
Si	-11.4363	43.2524	44.995	62.73409	308.83
Si	-1.4929	-61.1533	3.4611	62.81275	302.66
Si	16.408	-43.2524	-41.5338	62.84631	286.13
Si	-11.4363	-16.408	-58.8396	62.84663	301.04
Si	48.2241	-16.408	38.0727	62.87904	312.33
Si	-25.8515	-38.7807	39.8032	62.88059	321.88
Si	-38.2807	6.4646	-48.4561	62.88601	337.66
Si	-3.4788	-38.2807	-48.4561	62.88601	300.98
Si	-38.2807	-3.4788	-48.4561	62.88601	344.07
Si	61.1533	-13.4222	13.8446	63.03568	324.66
Si	-21.3797	-36.2948	44.995	63.05245	315.09
Si	-50.7099	35.7948	-8.6529	63.06055	308.91

Si	-15.908	-18.8939	-57.109	63.08603	301.84
Si	16.408	-53.1958	-27.6892	63.08729	291.07
Si	31.3231	6.4646	-55.3784	63.09775	318.04
Si	-28.3373	-3.4788	55.3784	63.09775	295.86
Si	-61.1533	8.4505	-3.4611	63.12634	347.51
Si	-23.8655	-55.6816	8.6529	63.14153	319.64
Si	8.4505	23.3656	-58.8396	63.15786	313.22
Si	-6.4646	-61.1533	3.4611	63.24435	302.59
Si	-58.1675	21.3797	6.9223	63.26742	312.51
Si	23.8655	60.6534	-1.7306	63.27313	306.84
Si	6.4646	-8.4505	-62.3007	63.2848	325.62
Si	0.993	-60.6534	-12.114	63.3179	298.75
Si	61.1533	6.4646	-20.7669	63.36675	296.78
Si	-38.2807	-43.2524	20.7669	63.36675	304.45
Si	46.2382	41.2665	-20.7669	63.36675	310.6
Si	-38.2807	46.2382	20.7669	63.36675	305.99
Si	-28.8373	48.724	29.4198	63.37368	328.83
Si	-11.4363	-41.2665	44.995	63.40407	305.06
Si	41.2665	11.4363	-48.4561	63.47286	296.12
Si	43.2524	-46.2382	3.4611	63.51451	285.52
Si	-58.6675	8.9505	-19.0363	63.53947	345.71
Si	56.1816	26.3514	20.7669	63.56149	306.59
Si	28.3373	58.1675	10.3835	63.56452	316.91
Si	-23.8655	-50.7099	-25.9586	63.57703	324.74
Si	60.6534	18.8939	15.5752	63.60297	306.86
Si	-15.908	50.7099	-36.3421	63.60706	306.88
Si	35.7948	53.6957	-12.114	63.62791	306.72
Si	53.1958	-31.3231	17.3058	63.63622	303.63
Si	-38.2807	51.2099	0	63.66883	310.63
Si	50.7099	38.7807	15.5752	63.68108	315.74
Si	11.4363	31.3231	-55.3784	63.68265	304.34
Si	31.3231	-8.4505	55.3784	63.68265	298
Si	-1.4929	38.2807	51.9173	63.69975	306.23
Si	-48.724	-35.7948	-12.114	63.70925	353.36
Si	51.2099	-18.3939	34.6115	63.75908	312.34
Si	-48.2241	21.3797	-34.6115	63.75908	309.37
Si	56.1816	-28.3373	13.8446	63.81511	302.52
Si	31.3231	56.1816	-13.8446	63.81511	306.49
Si	43.2524	43.2524	24.2281	63.83346	324.22
Si	35.7948	-45.7383	-25.9586	63.8847	287.06
Si	23.3656	13.4222	-58.8396	63.89692	309.17
Si	33.809	45.7383	32.8809	63.8994	324.67
Si	-58.1675	11.4363	-20.7669	63.94919	346.67
Si	46.2382	-28.3373	-34.6115	63.95263	294.88
Si	-6.4646	-61.1533	10.3835	63.99753	297.76
Si	28.8373	10.9363	-57.109	64.01818	314.71
Si	-15.908	-28.8373	53.6478	64.03749	293.54
Si	23.8655	-48.724	32.8809	64.05804	293.68
Si	-38.7807	18.8939	-46.7255	64.09389	309.15
Si	55.6816	-20.8798	-25.9586	64.11557	323.22
Si	53.1958	-36.2948	-3.4611	64.1333	307.39
Si	-31.3231	33.309	-44.995	64.13813	301.49
Si	-41.2665	-46.2382	-3.4611	64.17635	372.74
Si	-46.2382	-41.2665	3.4611	64.17635	383.87
Si	-16.408	58.1675	-24.2281	64.18295	321.04
Si	5.9646	63.6392	15.5752	64.22413	308.82
Si	31.3231	51.2099	-27.6892	64.25195	311.19
Si	-36.2948	-1.4929	51.9173	64.28239	295.97
Si	38.2807	53.1958	10.3835	64.2989	318.3
Si	58.6675	0.993	-29.4198	64.30165	298.58
Si	-41.2665	18.3939	-44.995	64.33161	307.39
Si	-26.3514	-51.2099	24.2281	64.34197	308.84

Si	-18.3939	-58.1675	-13.8446	64.39349	326.96
Si	-21.3797	-56.1816	17.3058	64.41268	313.8
Si	15.908	58.6675	-25.9586	64.42496	320.4
Si	58.6675	15.908	25.9586	64.42496	302.37
Si	-21.3797	-11.4363	-58.8396	64.43922	304.74
Si	21.3797	56.1816	-27.6892	64.44401	316.28
Si	28.3373	-56.1816	-10.3835	64.45763	298.04
Si	-53.6957	28.8373	-19.0363	64.46613	316.78
Si	58.6675	30.8231	5.1917	64.46818	308.51
Si	38.2807	38.2807	38.0727	64.46868	309.19
Si	-15.908	25.8515	-57.109	64.47919	301.48
Si	25.8515	-15.908	57.109	64.47919	296.3
Si	-33.809	33.809	43.2644	64.5163	305.16
Si	33.809	-53.6957	-8.6529	64.53671	295.57
Si	-35.7948	25.8515	46.7255	64.55222	301.36
Si	8.4505	53.1958	38.0727	64.58425	308.88
Si	1.4929	-63.1392	0	64.6321	303.42
Si	66.125	1.4929	0	64.6321	324.08
Si	31.3231	-13.4222	55.3784	64.64571	300.56
Si	15.908	18.8939	-60.5701	64.64774	308.94
Si	23.3656	33.309	51.9173	64.69992	298.14
Si	58.1675	3.4788	-31.1504	64.70161	298.37
Si	58.1675	3.4788	31.1504	64.70161	306.95
Si	56.1816	1.4929	-34.6115	64.72102	299.38
Si	-20.8798	5.9646	60.5701	64.72459	297.86
Si	-45.7383	20.8798	39.8032	64.73738	294.06
Si	20.8798	48.724	-39.8032	64.73738	308.08
Si	-26.3514	28.3373	-51.9173	64.74046	300.14
Si	10.9363	-45.7383	43.2644	64.74385	294.02
Si	-60.6534	10.9363	-15.5752	64.76049	348.14
Si	-43.2524	46.2382	-13.8446	64.77621	305.79
Si	8.9505	-38.7807	-50.1867	64.77867	289.21
Si	-38.2807	-28.3373	41.5338	64.783	293.23
Si	-48.2241	1.4929	-41.5338	64.783	336.36
Si	20.8798	-10.9363	-60.5701	64.80028	309.94
Si	23.3656	-46.2382	38.0727	64.85522	291.1
Si	-13.9222	-40.7666	-46.7255	64.85953	297.59
Si	53.1958	-36.2948	10.3835	64.87616	301.74
Si	53.6957	-33.809	-15.5752	64.9149	303.29
Si	-23.8655	38.7807	-46.7255	64.93613	299.1
Si	-35.7948	-23.8655	46.7255	64.93613	290.55
Si	18.8939	-43.7524	-43.2644	64.97485	285.47
Si	0.993	-60.6534	-19.0363	64.99837	296.02
Si	-58.1675	26.3514	-6.9223	65.00174	312.75
Si	-61.1533	3.4788	17.3058	65.02291	325.36
Si	-50.7099	-23.8655	-29.4198	65.06698	335.98
Si	-51.2099	-1.4929	-38.0727	65.08477	332.66
Si	-10.9363	-18.8939	60.5701	65.10642	291.92
Si	58.6675	-8.9505	-29.4198	65.14228	303.65
Si	41.2665	51.2099	-13.8446	65.15668	310.68
Si	-48.2241	41.2665	-13.8446	65.15668	305.62
Si	-26.3514	-1.4929	-58.8396	65.16374	323.63
Si	-26.3514	-1.4929	58.8396	65.16374	296.74
Si	-63.1392	-3.4788	6.9223	65.1916	324.24
Si	13.9222	0.993	-64.0313	65.22837	318.35
Si	58.6675	-28.8373	-8.6529	65.29716	316.92
Si	13.4222	-36.2948	51.9173	65.31171	302.08
Si	3.9787	65.6251	12.114	65.31357	308.45
Si	40.7666	-50.7099	1.7306	65.34946	285.64
Si	-6.4646	48.2241	44.995	65.35803	307.68
Si	-61.1533	8.4505	-17.3058	65.36393	345.31
Si	-8.9505	23.8655	-60.5701	65.40902	299.77

Si	40.7666	48.724	22.4975	65.41664	326.1
Si	-53.6957	13.9222	-32.8809	65.43262	307.38
Si	50.7099	43.7524	8.6529	65.44503	307.95
Si	43.7524	35.7948	-36.3421	65.4464	296.21
Si	-53.1958	-8.4505	34.6115	65.48039	305.3
Si	-36.2948	-11.4363	51.9173	65.50172	292.99
Si	63.1392	23.3656	-3.4611	65.50314	299.86
Si	-46.2382	-36.2948	24.2281	65.52226	293.53
Si	53.6957	40.7666	5.1917	65.53252	307.65
Si	-21.3797	-31.3231	51.9173	65.53966	294.35
Si	-21.3797	-31.3231	-51.9173	65.53966	295.56
Si	-48.2241	-8.4505	41.5338	65.54165	304.76
Si	-8.4505	-48.2241	41.5338	65.54165	304.21
Si	-26.3514	-6.4646	58.8396	65.57987	297.17
Si	-6.4646	-26.3514	58.8396	65.57987	293.27
Si	-18.3939	6.4646	-62.3007	65.58643	308.65
Si	21.3797	6.4646	62.3007	65.58643	308.01
Si	55.6816	23.8655	29.4198	65.59329	299.96
Si	-33.309	6.4646	55.3784	65.59464	301.35
Si	-30.8231	0.993	-57.109	65.62021	325.77
Si	60.6534	-15.908	22.4975	65.64212	319.46
Si	-1.4929	-46.2382	-44.995	65.66368	294.07
Si	63.6392	10.9363	19.0363	65.67889	308.7
Si	-63.6392	-0.993	8.6529	65.75132	325.71
Si	-8.4505	66.125	-6.9223	65.75787	312.38
Si	33.809	5.9646	-57.109	65.7705	315.76
Si	43.7524	-48.724	5.1917	65.83735	286.54
Si	63.1392	-21.3797	-3.4611	65.84377	311.67
Si	3.4788	-1.4929	65.7618	65.85955	292.65
Si	-18.8939	-30.8231	-53.6478	65.86376	297.58
Si	-13.9222	48.724	43.2644	65.88028	310.39
Si	-1.4929	-1.4929	65.7618	65.89728	290.23
Si	-33.809	-45.7383	29.4198	65.89784	314.7
Si	55.6816	33.809	-19.0363	65.90243	300.5
Si	10.9363	-10.9363	64.0313	65.90651	286.67
Si	20.8798	-15.908	-60.5701	65.93469	310.29
Si	-58.6675	-5.9646	-25.9586	65.94492	356.72
Si	48.2241	13.4222	44.995	65.95952	300.77
Si	6.4646	-58.1675	27.6892	65.96039	291.31
Si	-46.2382	8.4505	44.995	65.96371	302.66
Si	-40.7666	-33.809	-36.3421	65.97597	338.68
Si	28.3373	48.2241	-38.0727	65.9845	301.38
Si	-41.2665	-31.3231	38.0727	65.99078	292.9
Si	10.9363	38.7807	-53.6478	66.01245	303.85
Si	28.3373	53.1958	-31.1504	66.06176	310.84
Si	38.2807	-16.408	-51.9173	66.09981	311.12
Si	-63.6392	-5.9646	8.6529	66.12618	324.23
Si	3.9787	-53.6957	-36.3421	66.1265	288.15
Si	46.2382	-3.4788	-48.4561	66.14267	305.74
Si	26.3514	-53.1958	-27.6892	66.14749	284.55
Si	56.1816	-23.3656	27.6892	66.14749	294.67
Si	-8.4505	-18.3939	-62.3007	66.14933	299.98
Si	-8.4505	-33.309	-55.3784	66.15747	300.92
Si	11.4363	36.2948	-55.3784	66.15747	304.34
Si	33.309	-51.2099	-24.2281	66.15775	287.44
Si	8.4505	3.4788	-65.7618	66.1587	316.79
Si	-35.7948	-8.9505	53.6478	66.16289	293.17
Si	5.9646	-60.6534	22.4975	66.24416	290.3
Si	-11.4363	-61.1533	17.3058	66.26613	297.24
Si	6.4646	66.125	13.8446	66.28498	308.62
Si	60.6534	28.8373	-12.114	66.29044	297.71
Si	-30.8231	10.9363	-57.109	66.29435	312.97

Si	63.1392	-1.4929	-24.2281	66.30369	299.22
Si	-1.4929	63.1392	24.2281	66.30369	300.55
Si	-63.1392	-13.4222	0	66.33075	327.05
Si	55.6816	-35.7948	8.6529	66.34508	301.08
Si	23.8655	-13.9222	60.5701	66.38449	296.28
Si	-53.1958	16.408	-34.6115	66.41739	307.85
Si	46.2382	36.2948	-34.6115	66.41739	297.78
Si	-43.2524	36.2948	34.6115	66.41739	294.53
Si	16.408	56.1816	-34.6115	66.41739	309.31
Si	25.8515	-10.9363	-60.5701	66.45725	312.4
Si	-48.724	38.7807	22.4975	66.46995	299.05
Si	-50.7099	-8.9505	39.8032	66.47178	305.76
Si	23.8655	-43.7524	-43.2644	66.47912	287.59
Si	60.6534	-5.9646	29.4198	66.49133	310.24
Si	-50.7099	-38.7807	-8.6529	66.49788	353.57
Si	5.9646	-15.908	64.0313	66.50408	286.78
Si	28.8373	-18.8939	-57.109	66.51893	321.83
Si	-15.908	-33.809	53.6478	66.53647	294.06
Si	-6.4646	8.4505	65.7618	66.60594	292.67
Si	13.4222	-56.1816	31.1504	66.62582	291.32
Si	18.8939	65.6251	5.1917	66.65343	304.72
Si	53.1958	-16.408	-38.0727	66.65702	308.02
Si	-5.9646	-63.6392	12.114	66.66745	294.75
Si	31.3231	36.2948	48.4561	66.70088	301.62
Si	36.2948	31.3231	-48.4561	66.70088	293.65
Si	-33.309	31.3231	48.4561	66.70088	303.32
Si	31.3231	-33.309	-48.4561	66.70088	287.11
Si	31.3231	61.1533	0	66.70236	301.83
Si	-18.8939	-50.7099	36.3421	66.79449	332.38
Si	-23.8655	13.9222	-60.5701	66.83022	299.01
Si	66.125	-8.4505	-13.8446	66.842	310.76
Si	-8.4505	66.125	-13.8446	66.842	313.86
Si	-8.4505	-63.1392	-13.8446	66.842	292.62
Si	40.7666	28.8373	-46.7255	66.88354	295.72
Si	28.8373	40.7666	46.7255	66.88354	302.21
Si	51.2099	46.2382	0	66.88738	306.57
Si	-1.4929	13.4222	-65.7618	66.90175	308.3
Si	63.6392	-8.9505	-22.4975	66.91305	305.04
Si	-26.3514	33.309	-51.9173	66.95499	299.19
Si	-28.8373	-15.908	57.109	66.96376	286.98
Si	8.4505	43.2524	-51.9173	66.99004	303.22
Si	43.2524	8.4505	-51.9173	66.99004	295.06
Si	28.3373	43.2524	44.995	67.00017	300.64
Si	-33.309	16.408	55.3784	67.08502	301.67
Si	-13.4222	36.2948	-55.3784	67.08502	301.45
Si	10.9363	-45.7383	-46.7255	67.10614	284.07
Si	-38.7807	-0.993	-53.6478	67.12844	335.68
Si	-35.7948	-33.809	-43.2644	67.14464	323.4
Si	18.8939	-8.9505	-64.0313	67.17038	311.27
Si	-33.809	-0.993	57.109	67.18508	296.12
Si	-30.8231	25.8515	53.6478	67.19937	299.33
Si	-20.8798	55.6816	32.8809	67.2169	305.63
Si	-45.7383	-18.8939	-43.2644	67.21761	334.19
Si	35.7948	58.6675	8.6529	67.23411	316.56
Si	-43.2524	51.2099	-6.9223	67.24463	297.28
Si	-3.4788	-23.3656	-62.3007	67.26099	298.55
Si	-23.3656	-3.4788	62.3007	67.26099	296.41
Si	55.6816	-0.993	-39.8032	67.28222	297.73
Si	-38.7807	-30.8231	43.2644	67.36536	294.1
Si	-11.4363	8.4505	65.7618	67.38096	292.68
Si	-11.4363	8.4505	-65.7618	67.38096	305.62
Si	8.9505	-63.6392	-15.5752	67.38238	297.05

Si	-33.809	58.6675	-5.1917	67.39513	306.37
Si	-41.2665	43.2524	-31.1504	67.39856	293.24
Si	-23.3656	-38.2807	-48.4561	67.43796	290.41
Si	-1.4929	-31.3231	58.8396	67.4381	289.22
Si	-10.9363	-48.724	-43.2644	67.43911	302.3
Si	-48.724	13.9222	43.2644	67.43911	299.97
Si	5.9646	-65.6251	-5.1917	67.46681	302.49
Si	18.8939	65.6251	12.114	67.5461	305
Si	63.6392	-3.9787	25.9586	67.57178	310.16
Si	-15.908	-63.6392	5.1917	67.61606	304.2
Si	16.408	46.2382	48.4561	67.62097	296.58
Si	-26.3514	58.1675	-24.2281	67.63367	306.75
Si	-23.3656	31.3231	55.3784	67.63544	293.52
Si	31.3231	26.3514	-55.3784	67.63544	293.24
Si	-50.7099	35.7948	25.9586	67.64327	299.92
Si	0.993	68.6109	8.6529	67.67527	310.16
Si	-60.6534	-23.8655	-8.6529	67.67629	306.31
Si	-0.993	5.9646	67.4924	67.68606	293.45
Si	48.2241	-36.2948	31.1504	67.69091	293.46
Si	56.1816	21.3797	34.6115	67.70742	300.5
Si	21.3797	56.1816	-34.6115	67.70742	309.78
Si	-55.6816	-23.8655	25.9586	67.71876	297.73
Si	45.7383	33.809	-39.8032	67.72204	295.71
Si	-66.125	3.4788	3.4611	67.73554	318.33
Si	3.4788	-66.125	-3.4611	67.73554	303.21
Si	18.3939	-46.2382	-44.995	67.73808	285.28
Si	-50.7099	-38.7807	-15.5752	67.74719	353.86
Si	-33.809	58.6675	8.6529	67.7497	296.09
Si	16.408	-63.1392	-13.8446	67.76018	296.6
Si	-18.3939	51.2099	41.5338	67.76667	306.86
Si	-48.2241	-18.3939	-41.5338	67.76667	334.43
Si	51.2099	21.3797	41.5338	67.76667	293.94
Si	-58.6675	18.8939	-25.9586	67.79315	318
Si	10.9363	-65.6251	1.7306	67.80113	300.07
Si	-8.4505	-23.3656	62.3007	67.80998	292.2
Si	-8.4505	26.3514	62.3007	67.80998	294.71
Si	-46.2382	38.2807	-31.1504	67.83763	289.46
Si	63.6392	25.8515	12.114	67.83985	302.06
Si	-11.4363	43.2524	-51.9173	67.87062	295.83
Si	-58.1675	-23.3656	-20.7669	67.88647	310.05
Si	-3.9787	68.6109	8.6529	67.89427	311.25
Si	18.3939	3.4788	-65.7618	67.92797	317.78
Si	31.3231	-43.2524	41.5338	67.9488	287.39
Si	-41.2665	-51.2099	-3.4611	67.95536	370.28
Si	60.6534	-30.8231	8.6529	67.96439	301.6
Si	-20.8798	5.9646	-64.0313	67.97452	307.72
Si	-38.2807	-53.1958	-6.9223	67.97582	369.88
Si	41.2665	-53.1958	6.9223	67.97582	283.95
Si	43.2524	-36.2948	38.0727	67.98009	287.58
Si	-58.6675	-20.8798	22.4975	68.01426	297.93
Si	-53.1958	36.2948	20.7669	68.06828	298.2
Si	-3.4788	-63.1392	-20.7669	68.06828	296.07
Si	36.2948	56.1816	-20.7669	68.06828	303.25
Si	-8.9505	63.6392	-25.9586	68.15475	308.39
Si	-33.809	53.6957	-25.9586	68.15576	306.02
Si	28.8373	-23.8655	-57.109	68.20703	321.02
Si	30.8231	-50.7099	-32.8809	68.3122	283.81
Si	68.6109	5.9646	12.114	68.34886	310.87
Si	-18.3939	21.3797	-62.3007	68.35457	297.85
Si	18.3939	-6.4646	-65.7618	68.36364	310.66
Si	58.6675	10.9363	-36.3421	68.40215	294.7
Si	3.4788	-66.125	10.3835	68.43932	298.36

Si	55.6816	-35.7948	-19.0363	68.47758	301.87
Si	-41.2665	-11.4363	51.9173	68.49037	292.56
Si	8.4505	-16.408	65.7618	68.50891	288.44
Si	-46.2382	-41.2665	24.2281	68.51002	293
Si	48.724	45.7383	-22.4975	68.51692	309.1
Si	-61.1533	23.3656	-17.3058	68.57442	310.83
Si	-51.2099	23.3656	38.0727	68.59684	293.36
Si	-31.3231	-11.4363	58.8396	68.60136	285.72
Si	-8.4505	-63.1392	-20.7669	68.61081	293.12
Si	-6.4646	-16.408	65.7618	68.61767	290.57
Si	0.993	33.809	-60.5701	68.65361	296.24
Si	43.7524	50.7099	-22.4975	68.66087	310.77
Si	-38.7807	-45.7383	29.4198	68.68962	312.02
Si	-58.1675	21.3797	27.6892	68.71346	297.32
Si	21.3797	-58.1675	-27.6892	68.71346	286.78
Si	18.3939	43.2524	51.9173	68.73791	296.74
Si	-28.8373	53.6957	-32.8809	68.74744	303.83
Si	50.7099	48.724	8.6529	68.76025	306.62
Si	-30.8231	35.7948	-50.1867	68.84514	298.93
Si	56.1816	6.4646	41.5338	68.85222	303.52
Si	6.4646	56.1816	41.5338	68.85222	306.23
Si	68.6109	-13.9222	-1.7306	68.88715	307.32
Si	-18.3939	46.2382	-48.4561	68.88846	294.1
Si	-45.7383	-23.8655	-43.2644	68.88859	334
Si	-21.3797	-61.1533	-17.3058	68.89986	322.81
Si	-60.6534	-23.8655	-15.5752	68.90423	306.22
Si	35.7948	-35.7948	-46.7255	68.92223	286.69
Si	-61.1533	28.3373	-10.3835	68.94189	312.58
Si	28.8373	60.6534	-22.4975	68.94787	304.66
Si	18.3939	33.309	-58.8396	68.99276	302.99
Si	18.3939	33.309	58.8396	68.99276	296.1
Si	-8.9505	-65.6251	-12.114	68.99734	292.33
Si	-30.8231	-53.6957	25.9586	69.02148	308.32
Si	-38.2807	56.1816	13.8446	69.02511	294.26
Si	53.6957	35.7948	-29.4198	69.04553	294.72
Si	36.2948	-58.1675	0	69.06906	285.06
Si	61.1533	-33.309	0	69.06906	297.55
Si	-28.3373	1.4929	62.3007	69.074	296.64
Si	65.6251	-15.908	-19.0363	69.12386	308.18
Si	-48.724	-45.7383	-5.1917	69.13377	349.73
Si	6.4646	-58.1675	-34.6115	69.15227	287.76
Si	-3.4788	-58.1675	34.6115	69.15227	288.06
Si	61.1533	-3.4788	34.6115	69.15227	309.72
Si	-53.6957	13.9222	-39.8032	69.17058	305.98
Si	68.1109	8.4505	-17.3058	69.17988	292.99
Si	50.7099	-30.8231	36.3421	69.19098	289.8
Si	50.7099	23.8655	43.2644	69.24348	293.44
Si	-28.3373	-3.4788	62.3007	69.2527	295.47
Si	-3.4788	-28.3373	-62.3007	69.2527	299.25
Si	8.9505	-23.8655	-64.0313	69.27243	292.13
Si	-5.9646	-23.8655	-64.0313	69.27243	297.05
Si	3.9787	-13.9222	67.4924	69.27503	289.05
Si	-38.7807	-15.908	-53.6478	69.30253	299.43
Si	-55.6816	30.8231	25.9586	69.30399	300.67
Si	38.7807	40.7666	-43.2644	69.31523	290.97
Si	-55.6816	35.7948	19.0363	69.33927	299.44
Si	35.7948	-55.6816	-19.0363	69.33927	290.75
Si	-20.8798	15.908	-64.0313	69.34216	299.46
Si	11.4363	-53.1958	-41.5338	69.38863	284.95
Si	-23.3656	51.2099	41.5338	69.38863	304.53
Si	68.6109	-13.9222	-8.6529	69.40689	308.16
Si	25.8515	-60.6534	-19.0363	69.41093	289.54

Si	63.1392	8.4505	31.1504	69.41915	300.65
Si	41.2665	51.2099	27.6892	69.42918	324.03
Si	-26.3514	38.2807	-51.9173	69.45537	299.54
Si	-21.3797	-46.2382	44.995	69.46913	312.59
Si	3.9787	60.6534	-36.3421	69.47579	293.86
Si	30.8231	-40.7666	-46.7255	69.49388	286.27
Si	43.7524	30.8231	46.7255	69.49388	293.31
Si	45.7383	-50.7099	-12.114	69.49488	286.74
Si	16.408	-63.1392	20.7669	69.50563	286.37
Si	66.125	16.408	-20.7669	69.50563	290.82
Si	18.3939	68.1109	-10.3835	69.5084	286.59
Si	35.7948	43.7524	43.2644	69.52906	304.5
Si	-13.9222	23.8655	64.0313	69.5569	293.61
Si	-30.8231	-28.8373	53.6478	69.58688	284.72
Si	-63.1392	-23.3656	6.9223	69.5929	310.17
Si	66.125	26.3514	-6.9223	69.5929	297.76
Si	6.4646	51.2099	-48.4561	69.60238	302.55
Si	-10.9363	25.8515	-64.0313	69.62635	296.51
Si	0.993	28.8373	64.0313	69.62734	291.75
Si	33.809	-38.7807	46.7255	69.63878	285.25
Si	11.4363	-58.1675	-34.6115	69.68637	288.72
Si	61.1533	11.4363	34.6115	69.68637	301.81
Si	-8.9505	-65.6251	15.5752	69.68837	295.96
Si	38.7807	25.8515	53.6478	69.72664	290.23
Si	-25.8515	65.6251	-1.7306	69.73981	297.13
Si	63.1392	23.3656	-24.2281	69.75442	290.94
Si	23.3656	-6.4646	-65.7618	69.75928	309.74
Si	-38.2807	16.408	-55.3784	69.79374	302.42
Si	-13.4222	41.2665	55.3784	69.79374	301.9
Si	-55.6816	5.9646	39.8032	69.80847	297.43
Si	45.7383	-30.8231	43.2644	69.81249	282.43
Si	-31.3231	58.1675	24.2281	69.82764	306.75
Si	-25.8515	-3.9787	-64.0313	69.84022	321.17
Si	-58.1675	-28.3373	20.7669	69.86035	298.05
Si	36.2948	-48.2241	34.6115	69.8635	284.5
Si	68.6109	20.8798	-1.7306	69.88323	295.69
Si	40.7666	58.6675	8.6529	69.90151	314.38
Si	5.9646	68.6109	-19.0363	69.9085	289.37
Si	48.2241	-1.4929	-51.9173	69.9151	305.16
Si	41.2665	41.2665	-41.5338	69.92092	294.17
Si	-63.6392	-20.8798	-12.114	69.92474	304.5
Si	1.4929	11.4363	69.223	69.9335	293.9
Si	-68.1109	1.4929	-6.9223	69.94717	320.41
Si	-23.3656	36.2948	-55.3784	69.9706	295.23
Si	68.6109	-3.9787	19.0363	69.97958	310.73
Si	46.2382	51.2099	-20.7669	70.03703	309.51
Si	53.6957	30.8231	-36.3421	70.0439	295.1
Si	50.7099	18.8939	-46.7255	70.05987	294.77
Si	0.993	-50.7099	-46.7255	70.06184	293.09
Si	-21.3797	-6.4646	65.7618	70.07923	296.65
Si	6.4646	11.4363	69.223	70.11001	297.68
Si	-8.4505	6.4646	69.223	70.11001	292.71
Si	-3.4788	-68.1109	-6.9223	70.12364	300.63
Si	15.908	13.9222	-67.4924	70.12496	303.12
Si	-0.993	-63.6392	25.9586	70.15849	291.22
Si	-56.1816	33.309	24.2281	70.18269	298.69
Si	28.3373	48.2241	44.995	70.20664	303.34
Si	45.7383	-35.7948	-39.8032	70.2305	285.36
Si	15.908	63.6392	29.4198	70.25295	295.75
Si	-33.309	-43.2524	41.5338	70.27354	312.35
Si	-8.4505	71.0967	0	70.31046	306.1
Si	-48.2241	51.2099	0	70.31046	285.73

Si	13.4222	-51.2099	-44.995	70.3167	285.53
Si	18.3939	58.1675	38.0727	70.3362	311.08
Si	-65.6251	-18.8939	5.1917	70.33771	311.45
Si	-51.2099	28.3373	38.0727	70.34013	292.77
Si	33.309	-61.1533	3.4611	70.34764	284.21
Si	-30.8231	-23.8655	-57.109	70.3478	287.98
Si	-43.7524	-45.7383	-25.9586	70.36877	335.94
Si	23.3656	33.309	58.8396	70.37593	296.21
Si	68.6109	15.908	-15.5752	70.3932	290.38
Si	38.2807	13.4222	58.8396	70.41124	286.7
Si	25.8515	-60.6534	22.4975	70.43885	282.53
Si	61.1533	-33.309	-13.8446	70.44295	304.99
Si	48.724	30.8231	-43.2644	70.4475	297.63
Si	30.8231	-45.7383	43.2644	70.4475	288.28
Si	30.8231	-60.6534	15.5752	70.4628	282.61
Si	20.8798	-55.6816	36.3421	70.46649	288.9
Si	20.8798	58.6675	36.3421	70.46649	308.7
Si	18.3939	-66.125	10.3835	70.4673	289.4
Si	56.1816	36.2948	27.6892	70.48913	301.27
Si	-5.9646	-63.6392	25.9586	70.50992	292.89
Si	-20.8798	20.8798	-64.0313	70.54353	297.99
Si	-58.1675	16.408	-34.6115	70.56755	303.82
Si	38.2807	-11.4363	-58.8396	70.58753	303.75
Si	35.7948	-50.7099	-32.8809	70.58977	285.02
Si	-26.3514	48.2241	44.995	70.59501	301.83
Si	68.6109	-13.9222	-15.5752	70.60475	307.57
Si	-58.6675	23.8655	29.4198	70.60685	296.92
Si	26.3514	66.125	13.8446	70.61817	302.22
Si	13.4222	-21.3797	65.7618	70.64053	288.81
Si	51.2099	51.2099	6.9223	70.6504	306.36
Si	35.7948	48.724	-39.8032	70.65198	294.63
Si	43.2524	-46.2382	31.1504	70.65733	283.06
Si	16.408	31.3231	62.3007	70.66596	296.52
Si	-48.724	-45.7383	15.5752	70.67609	288.92
Si	-5.9646	50.7099	-50.1867	70.68688	296.64
Si	50.7099	8.9505	50.1867	70.68688	293.19
Si	10.9363	-50.7099	-46.7255	70.69364	285.81
Si	-61.1533	-26.3514	-17.3058	70.70601	306.53
Si	-38.7807	23.8655	-53.6478	70.7148	296.03
Si	38.7807	55.6816	25.9586	70.71525	323.13
Si	66.125	-18.3939	-20.7669	70.73936	308.2
Si	-33.809	-20.8798	57.109	70.76857	286.3
Si	-50.7099	-18.8939	-43.2644	70.79946	334.43
Si	-11.4363	-21.3797	65.7618	70.81625	292.74
Si	-18.8939	23.8655	64.0313	70.82484	291.25
Si	-63.6392	-25.8515	-5.1917	70.82974	306.79
Si	28.8373	-63.6392	5.1917	70.82974	283.21
Si	23.8655	55.6816	39.8032	70.8608	307.81
Si	48.2241	13.4222	-51.9173	70.86264	291.89
Si	23.3656	68.1109	-10.3835	70.88151	286.42
Si	-28.8373	3.9787	64.0313	70.895	293.46
Si	8.9505	-18.8939	67.4924	70.89754	287.76
Si	68.1109	3.4788	-24.2281	70.91474	295.17
Si	-68.1109	1.4929	-13.8446	70.96733	324.45
Si	-6.4646	-46.2382	-51.9173	70.97169	292.31
Si	-13.4222	-3.4788	-69.223	70.98593	297.05
Si	6.4646	16.408	69.223	70.98593	295.45
Si	16.408	-3.4788	69.223	70.98593	290.18
Si	43.7524	20.8798	53.6478	70.99155	289.7
Si	51.2099	-13.4222	-48.4561	71.00869	306.2
Si	16.408	-48.2241	48.4561	71.00869	285.52
Si	-48.2241	16.408	-48.4561	71.00869	300.03

Si	-13.4222	-48.2241	48.4561	71.00869	297.65
Si	48.2241	-11.4363	-51.9173	71.03781	305.99
Si	-21.3797	-41.2665	-51.9173	71.0417	290.64
Si	48.2241	-46.2382	-24.2281	71.05675	284.42
Si	60.6534	-30.8231	22.4975	71.06632	292.14
Si	48.724	45.7383	-29.4198	71.09118	305.14
Si	-55.6816	-28.8373	-29.4198	71.0941	327.7
Si	-23.8655	-25.8515	-60.5701	71.1302	289.2
Si	5.9646	3.9787	70.9536	71.1378	295.31
Si	33.309	38.2807	51.9173	71.14076	301.29
Si	-3.4788	-68.1109	-13.8446	71.14127	294.87
Si	-63.6392	28.8373	8.6529	71.1672	294.34
Si	15.908	-15.908	-67.4924	71.17455	297.11
Si	31.3231	-63.1392	0	71.18391	286.21
Si	-68.1109	16.408	0	71.18391	300.18
Si	66.125	31.3231	0	71.18391	292.93
Si	66.125	-28.3373	0	71.18391	299.89
Si	-26.3514	-56.1816	-31.1504	71.21796	301.76
Si	8.4505	68.1109	24.2281	71.22756	299.3
Si	70.5968	8.9505	15.5752	71.22882	309.41
Si	-5.9646	-28.8373	-64.0313	71.2428	295.94
Si	-3.9787	-40.7666	57.109	71.25472	280.24
Si	56.1816	-28.3373	34.6115	71.26465	289.33
Si	-58.6675	38.7807	8.6529	71.30579	287.52
Si	30.8231	-60.6534	-19.0363	71.3078	291.9
Si	51.2099	-28.3373	-41.5338	71.32095	281.2
Si	-48.2241	31.3231	-41.5338	71.32095	287.49
Si	-28.8373	-20.8798	-60.5701	71.33859	289.07
Si	-5.9646	0.993	-70.9536	71.34617	294.8
Si	-0.993	60.6534	39.8032	71.34728	303.17
Si	8.4505	28.3373	65.7618	71.36982	291.85
Si	-45.7383	40.7666	-36.3421	71.3719	289.55
Si	35.7948	33.809	-53.6478	71.40756	291.87
Si	38.2807	-51.2099	31.1504	71.42319	283.93
Si	18.8939	70.5968	5.1917	71.44992	304.6
Si	-31.3231	-61.1533	-10.3835	71.47903	323.2
Si	38.7807	-53.6957	25.9586	71.48436	281.95
Si	35.7948	-60.6534	8.6529	71.50981	281.84
Si	28.8373	-53.6957	-36.3421	71.51397	284.27
Si	-48.724	48.724	-19.0363	71.51857	296.95
Si	31.3231	66.125	6.9223	71.5197	297.12
Si	26.3514	-23.3656	62.3007	71.53508	281.78
Si	-16.408	23.3656	65.7618	71.57848	292.9
Si	25.8515	63.6392	-25.9586	71.61945	302.63
Si	10.9363	3.9787	70.9536	71.6224	294.13
Si	23.8655	-53.6957	39.8032	71.62834	289.58
Si	-10.9363	65.6251	-29.4198	71.64456	308.6
Si	33.309	53.1958	38.0727	71.65878	305.31
Si	38.2807	-16.408	-58.8396	71.66503	305.67
Si	-15.908	45.7383	53.6478	71.68356	303.83
Si	60.6534	8.9505	-39.8032	71.69289	294.49
Si	58.6675	0.993	-43.2644	71.70066	296.91
Si	3.4788	73.0826	-3.4611	71.70083	297.98
Si	36.2948	41.2665	-48.4561	71.7015	288.68
Si	-48.724	-25.8515	43.2644	71.70259	280.97
Si	-60.6534	-18.8939	-29.4198	71.7168	314.46
Si	-43.7524	48.724	29.4198	71.71776	283.07
Si	58.1675	-41.2665	-10.3835	71.75091	295.29
Si	33.809	-48.724	39.8032	71.76605	285.76
Si	-65.6251	-23.8655	-1.7306	71.76953	306.92
Si	38.7807	-33.809	-50.1867	71.80041	285.77
Si	18.3939	-66.125	-17.3058	71.81444	296.79

Si	-68.6109	-0.993	15.5752	71.85612	313.78
Si	-5.9646	-63.6392	-29.4198	71.85626	289.74
Si	-18.8939	48.724	50.1867	71.86865	303.31
Si	38.2807	63.1392	-3.4611	71.87203	290.63
Si	-28.3373	-18.3939	-62.3007	71.87978	288.11
Si	-28.3373	-33.309	55.3784	71.88728	288.4
Si	-28.3373	-33.309	-55.3784	71.88728	292.45
Si	-8.4505	-43.2524	55.3784	71.88728	280.24
Si	-43.2524	-8.4505	55.3784	71.88728	291.18
Si	-66.125	-1.4929	24.2281	71.88946	314.82
Si	-21.3797	-16.408	-65.7618	71.89033	287.06
Si	30.8231	53.6957	-39.8032	71.90061	297.84
Si	-45.7383	55.6816	-1.7306	71.90408	287.18
Si	70.5968	13.9222	15.5752	71.91951	310.96
Si	68.6109	-23.8655	5.1917	71.93626	301.68
Si	-51.2099	-36.2948	31.1504	71.94331	289.62
Si	53.1958	23.3656	44.995	71.94547	291.83
Si	23.3656	53.1958	44.995	71.94547	305.53
Si	63.1392	-31.3231	-17.3058	71.94891	305.33
Si	43.2524	-56.1816	-10.3835	71.95846	286.08
Si	-21.3797	58.1675	38.0727	72.00481	305.68
Si	28.8373	35.7948	-57.109	72.0123	290.21
Si	28.3373	13.4222	-65.7618	72.02466	293.89
Si	-35.7948	-28.8373	53.6478	72.03043	284
Si	61.1533	41.2665	6.9223	72.03625	295.52
Si	-66.125	-16.408	-17.3058	72.05631	302.92
Si	23.8655	25.8515	-64.0313	72.06856	294.87
Si	36.2948	-58.1675	-20.7669	72.1235	291.16
Si	51.2099	-18.3939	48.4561	72.21675	280.41
Si	21.3797	51.2099	-48.4561	72.21675	299.75
Si	-28.3373	-58.1675	-27.6892	72.22116	301.35
Si	60.6534	-30.8231	-25.9586	72.23667	300.15
Si	48.2241	33.309	-44.995	72.25382	294.87
Si	-65.6251	-23.8655	-8.6529	72.26854	304.23
Si	73.5825	0.993	5.1917	72.27809	311.19
Si	-63.1392	-23.3656	20.7669	72.29466	297.81
Si	30.8231	63.6392	22.4975	72.30876	298.86
Si	-61.1533	28.3373	24.2281	72.33372	297.59
Si	-43.2524	31.3231	-48.4561	72.38768	286.27
Si	-28.3373	46.2382	-48.4561	72.38768	291.65
Si	-50.7099	-23.8655	-43.2644	72.38781	332.05
Si	3.4788	58.1675	44.995	72.3913	303.43
Si	68.6109	-13.9222	-22.4975	72.44709	307.59
Si	33.309	-26.3514	58.8396	72.45455	278.68
Si	-3.9787	73.5825	-5.1917	72.48317	306.29
Si	-48.724	-45.7383	22.4975	72.51662	290.32
Si	66.125	-28.3373	-13.8446	72.51774	305.17
Si	-63.1392	-28.3373	13.8446	72.51774	298.47
Si	-63.1392	31.3231	13.8446	72.51774	294.77
Si	63.1392	38.2807	10.3835	72.53568	295.74
Si	-56.1816	-41.2665	-10.3835	72.5433	345.27
Si	-56.1816	-41.2665	10.3835	72.5433	293.09
Si	-6.4646	43.2524	58.8396	72.58974	293.45
Si	-45.7383	30.8231	46.7255	72.62451	285.15
Si	1.4929	-68.1109	20.7669	72.63576	292.6
Si	-53.6957	48.724	1.7306	72.66061	283.27
Si	23.3656	23.3656	-65.7618	72.67359	295.44
Si	35.7948	-0.993	64.0313	72.68292	281.9
Si	1.4929	61.1533	-41.5338	72.69402	294.82
Si	-53.6957	-5.9646	-46.7255	72.69578	318.93
Si	43.7524	-13.9222	-57.109	72.69745	305.46
Si	-71.0967	3.4788	-3.4611	72.6992	320.17

Si	11.4363	-18.3939	-69.223	72.70612	295.59
Si	-8.9505	68.6109	-25.9586	72.71681	308.72
Si	-68.1109	-18.3939	-6.9223	72.71927	303.01
Si	71.0967	-18.3939	6.9223	72.71927	300.73
Si	3.4788	3.4788	72.6842	72.73839	294.77
Si	46.2382	-13.4222	-55.3784	72.7418	306.49
Si	-20.8798	-13.9222	67.4924	72.75566	289.88
Si	-50.7099	50.7099	12.114	72.76129	275.54
Si	-41.2665	3.4788	-58.8396	72.76265	322.68
Si	-38.7807	3.9787	-60.5701	72.77966	322.2
Si	-61.1533	-31.3231	17.3058	72.80745	297.41
Si	55.6816	-30.8231	36.3421	72.81136	290.6
Si	-53.6957	48.724	-5.1917	72.82529	285.05
Si	65.6251	33.809	-12.114	72.82863	294.39
Si	-56.1816	33.309	31.1504	72.86259	297.74
Si	-43.2524	-38.2807	41.5338	72.86383	289.81
Si	-3.4788	61.1533	-41.5338	72.86383	294.92
Si	-38.2807	-43.2524	-41.5338	72.86383	294.35
Si	-6.4646	63.1392	-38.0727	72.89112	294.65
Si	-33.309	-13.4222	62.3007	72.90411	288.06
Si	48.724	15.908	53.6478	72.91548	289.09
Si	53.6957	-18.8939	46.7255	72.96596	281.01
Si	-63.6392	-0.993	-32.8809	73.00355	305.31
Si	-63.6392	3.9787	-32.8809	73.00355	304.05
Si	8.9505	35.7948	-64.0313	73.02221	292.79
Si	-58.1675	-38.2807	-13.8446	73.02723	343.62
Si	-23.3656	-53.1958	-41.5338	73.03325	290.09
Si	-28.8373	-45.7383	-46.7255	73.03406	291.88
Si	28.8373	-28.8373	60.5701	73.05048	279.27
Si	43.7524	-53.6957	-22.4975	73.06014	288.04
Si	66.125	-18.3939	-27.6892	73.07178	305.04
Si	66.125	21.3797	27.6892	73.07178	292.17
Si	21.3797	-63.1392	-27.6892	73.07178	287.2
Si	-56.1816	-36.2948	24.2281	73.0839	288.89
Si	-71.0967	-6.4646	3.4611	73.10644	317.12
Si	8.9505	-38.7807	60.5701	73.1185	278.84
Si	23.3656	-66.125	17.3058	73.14427	283.27
Si	70.5968	23.8655	8.6529	73.14883	292.28
Si	-53.6957	-45.7383	8.6529	73.15354	294.77
Si	-23.8655	13.9222	-67.4924	73.16259	299.79
Si	50.7099	8.9505	-53.6478	73.18485	290.02
Si	5.9646	-15.908	70.9536	73.1929	288.54
Si	-70.5968	5.9646	12.114	73.23705	315.87
Si	-21.3797	-21.3797	-65.7618	73.28665	286.99
Si	61.1533	26.3514	-34.6115	73.31619	294.56
Si	-71.0967	3.4788	10.3835	73.35537	312.1
Si	11.4363	-58.1675	41.5338	73.37091	287.8
Si	60.6534	18.8939	-39.8032	73.39651	293.94
Si	63.1392	13.4222	38.0727	73.43093	297.97
Si	55.6816	43.7524	-25.9586	73.45837	297.99
Si	-35.7948	50.7099	39.8032	73.46421	286.92
Si	56.1816	36.2948	-34.6115	73.48457	292.69
Si	-53.1958	-33.309	34.6115	73.48457	288.97
Si	-48.724	3.9787	-53.6478	73.52558	321.36
Si	21.3797	-13.4222	69.223	73.55113	283.72
Si	-63.6392	18.8939	29.4198	73.5561	295.33
Si	-20.8798	-33.809	60.5701	73.59006	283.83
Si	-33.809	23.8655	-60.5701	73.59006	291.39
Si	53.1958	8.4505	-51.9173	73.60026	289.89
Si	-20.8798	-68.6109	-1.7306	73.60752	300.82
Si	-0.993	30.8231	67.4924	73.63199	290.71
Si	-45.7383	-53.6957	12.114	73.64318	287.6

Si	46.2382	-53.1958	20.7669	73.64958	280.32
Si	-0.993	-68.6109	-22.4975	73.66718	295.61
Si	-60.6534	40.7666	5.1917	73.69891	287.84
Si	-18.3939	71.0967	13.8446	73.70106	286.06
Si	-6.4646	53.1958	51.9173	73.70151	298.92
Si	-46.2382	48.2241	-31.1504	73.70487	289.32
Si	-23.3656	-3.4788	69.223	73.71897	294.42
Si	-63.1392	-33.309	-6.9223	73.73194	308.07
Si	58.1675	-26.3514	38.0727	73.73494	289.5
Si	26.3514	51.2099	48.4561	73.74089	304.58
Si	26.3514	-48.2241	-48.4561	73.74089	282.22
Si	-30.8231	-48.724	-43.2644	73.74195	289.32
Si	3.9787	65.6251	-36.3421	73.7554	293.17
Si	30.8231	-65.6251	8.6529	73.75605	283.08
Si	68.6109	30.8231	-8.6529	73.75606	295.22
Si	-25.8515	25.8515	-64.0313	73.76351	292.22
Si	25.8515	28.8373	64.0313	73.76351	294.12
Si	-10.9363	-38.7807	60.5701	73.7915	279.83
Si	58.6675	25.8515	39.8032	73.80084	293.05
Si	-46.2382	23.3656	51.9173	73.83816	284.39
Si	58.6675	0.993	46.7255	73.84073	295.65
Si	73.0826	-16.408	-3.4611	73.87494	307.47
Si	68.1109	28.3373	17.3058	73.87874	294.21
Si	28.3373	68.1109	-17.3058	73.87874	291.34
Si	10.9363	-65.6251	29.4198	73.88857	284.62
Si	-23.3656	-68.1109	0	73.90963	298.09
Si	-51.2099	53.1958	-3.4611	73.91045	285.83
Si	1.4929	41.2665	-62.3007	73.91425	292.08
Si	63.1392	-31.3231	24.2281	73.91992	289.39
Si	21.3797	-43.2524	55.3784	73.92154	275.83
Si	68.1109	-6.4646	31.1504	73.97043	307.08
Si	-6.4646	68.1109	31.1504	73.97043	286.97
Si	53.1958	-41.2665	-31.1504	73.9723	283.44
Si	-26.3514	53.1958	44.995	73.98	303.11
Si	-63.1392	11.4363	-34.6115	73.9874	299.93
Si	-60.6534	40.7666	-8.6529	74.0233	282.28
Si	73.5825	15.908	-8.6529	74.02423	289.54
Si	58.6675	40.7666	25.9586	74.06213	298.68
Si	53.6957	35.7948	39.8032	74.06793	294.96
Si	3.9787	75.5684	-1.7306	74.13745	299.55
Si	-48.724	-35.7948	-39.8032	74.13781	300.97
Si	-21.3797	-46.2382	-51.9173	74.14051	291.36
Si	-28.3373	-63.1392	-20.7669	74.15129	301.45
Si	-65.6251	-28.8373	-8.6529	74.15935	303.47
Si	65.6251	-35.7948	1.7306	74.20447	294.1
Si	16.408	61.1533	-41.5338	74.20836	300.32
Si	-23.3656	71.0967	-6.9223	74.23309	291.52
Si	-53.1958	-48.2241	-6.9223	74.23309	346.18
Si	68.1109	-26.3514	-17.3058	74.24791	304.96
Si	13.4222	-61.1533	38.0727	74.27235	288.49
Si	20.8798	-55.6816	43.2644	74.27372	290.01
Si	33.809	65.6251	19.0363	74.29429	299.19
Si	33.809	20.8798	-64.0313	74.29792	291.89
Si	-15.908	45.7383	-57.109	74.30934	292.84
Si	48.2241	-56.1816	-3.4611	74.31105	283.23
Si	70.5968	28.8373	1.7306	74.33742	293.73
Si	-25.8515	65.6251	25.9586	74.39419	298.23
Si	65.6251	28.8373	-25.9586	74.39419	292.14
Si	-33.309	-58.1675	27.6892	74.41255	305.09
Si	-58.1675	-33.309	27.6892	74.41255	290.77
Si	36.2948	-58.1675	27.6892	74.41255	281.26
Si	-48.2241	1.4929	-55.3784	74.42142	320.39

Si	-11.4363	-61.1533	-38.0727	74.43949	285.9
Si	10.9363	43.7524	-60.5701	74.45657	293.81
Si	13.4222	-31.3231	-65.7618	74.45683	280.75
Si	3.9787	0.993	74.4147	74.45792	294.01
Si	-71.0967	-11.4363	10.3835	74.45959	318.13
Si	-26.3514	63.1392	31.1504	74.47091	298.63
Si	-58.6675	-5.9646	43.2644	74.47609	287.37
Si	-25.8515	70.5968	5.1917	74.4984	291.03
Si	13.4222	68.1109	31.1504	74.50242	294.12
Si	53.1958	-36.2948	-38.0727	74.50253	283.55
Si	40.7666	-60.6534	-12.114	74.50722	285.82
Si	-23.8655	53.6957	-46.7255	74.50814	290.01
Si	68.1109	33.309	-10.3835	74.55225	295.9
Si	58.6675	-8.9505	46.7255	74.5739	286.23
Si	-43.2524	-33.309	-48.4561	74.57418	292.93
Si	26.3514	-63.1392	27.6892	74.57845	280.38
Si	33.809	55.6816	39.8032	74.59922	307.54
Si	73.0826	13.4222	17.3058	74.61154	307.98
Si	-21.3797	28.3373	65.7618	74.6217	291.31
Si	-51.2099	-41.2665	31.1504	74.6746	290.78
Si	38.7807	65.6251	-8.6529	74.68722	290.05
Si	-68.6109	18.8939	-19.0363	74.69747	303.68
Si	66.125	36.2948	-13.8446	74.70043	295.29
Si	-13.9222	-70.5968	-12.114	74.70805	294.35
Si	0.993	-65.6251	-32.8809	74.74105	285.26
Si	0.993	68.6109	-32.8809	74.74106	293.69
Si	-26.3514	38.2807	-58.8396	74.77125	295.77
Si	-38.7807	43.7524	-46.7255	74.77362	287.63
Si	28.3373	-66.125	-17.3058	74.78162	290.04
Si	-65.6251	-18.8939	25.9586	74.79498	296.98
Si	-31.3231	-41.2665	-51.9173	74.83754	290.91
Si	-6.4646	-66.125	31.1504	74.8722	290.68
Si	68.6109	30.8231	-15.5752	74.88438	296.57
Si	-36.2948	28.3373	-58.8396	74.9041	290
Si	71.0967	1.4929	-27.6892	74.90915	295.62
Si	-60.6534	-33.809	-22.4975	74.93006	309.52
Si	13.4222	-51.2099	-51.9173	74.93527	285.38
Si	73.0826	23.3656	3.4611	74.93651	292.2
Si	48.2241	-56.1816	10.3835	74.95311	280.98
Si	-48.724	-40.7666	36.3421	75.02233	289.69
Si	-68.1109	6.4646	-27.6892	75.07395	302.52
Si	-73.5825	3.9787	1.7306	75.13653	317.57
Si	73.5825	15.908	-15.5752	75.14852	290.36
Si	63.1392	43.2524	-10.3835	75.17937	289.42
Si	-60.6534	15.908	39.8032	75.19474	287.98
Si	-53.1958	51.2099	13.8446	75.19513	274.55
Si	-48.2241	-53.1958	13.8446	75.19513	287.69
Si	48.2241	-26.3514	-51.9173	75.19648	284.31
Si	-26.3514	48.2241	-51.9173	75.19648	293.1
Si	-51.2099	-36.2948	38.0727	75.19988	289.36
Si	38.2807	-46.2382	-44.995	75.20735	282.3
Si	18.3939	-61.1533	38.0727	75.23109	287.5
Si	48.724	-33.809	46.7255	75.23481	279.58
Si	-33.809	-45.7383	-46.7255	75.23481	291.49
Si	-8.4505	76.0684	0	75.23548	307.56
Si	-66.125	-31.3231	-3.4611	75.23995	307.24
Si	-28.3373	-28.3373	-62.3007	75.24001	288.58
Si	33.809	65.6251	-22.4975	75.25554	297.16
Si	-53.6957	-25.8515	43.2644	75.26823	281.38
Si	-18.3939	-68.1109	20.7669	75.30895	291.63
Si	46.2382	-48.2241	-34.6115	75.31187	281.14
Si	18.8939	60.6534	-43.2644	75.32966	297.65

Si	10.9363	68.6109	-32.8809	75.33362	293.97
Si	20.8798	-25.8515	-67.4924	75.35775	282.33
Si	-58.1675	21.3797	-41.5338	75.36514	300.01
Si	31.3231	1.4929	69.223	75.37682	280.84
Si	-0.993	-23.8655	-70.9536	75.38993	289.19
Si	-55.6816	50.7099	-1.7306	75.4602	285.74
Si	-73.5825	-5.9646	1.7306	75.46478	317.61
Si	8.9505	-73.5825	-1.7306	75.46478	295.12
Si	-53.6957	-40.7666	29.4198	75.47961	290.72
Si	-71.0967	-16.408	-10.3835	75.48184	303.56
Si	15.908	-45.7383	57.109	75.49843	275.38
Si	48.724	15.908	-57.109	75.49843	290.59
Si	38.7807	-23.8655	60.5701	75.5127	279.54
Si	-8.9505	8.9505	-74.4147	75.51312	292.51
Si	65.6251	3.9787	-39.8032	75.52091	295.21
Si	-73.0826	-8.4505	6.9223	75.55326	318.24
Si	76.0684	-8.4505	6.9223	75.55327	307.92
Si	35.7948	68.6109	-5.1917	75.55394	287.36
Si	53.1958	33.309	44.995	75.56454	293.99
Si	18.3939	73.0826	-17.3058	75.56598	285.85
Si	-8.4505	71.0967	27.6892	75.56621	286.32
Si	23.3656	73.0826	-10.3835	75.57325	288.16
Si	-63.6392	-10.9363	36.3421	75.6136	284.73
Si	-70.5968	20.8798	12.114	75.6275	296.11
Si	68.6109	30.8231	19.0363	75.68002	295.4
Si	8.9505	-23.8655	-70.9536	75.71708	292.16
Si	-45.7383	60.6534	-1.7306	75.72143	289.66
Si	48.724	60.6534	-1.7306	75.72143	285.22
Si	-41.2665	63.1392	-10.3835	75.73935	285.1
Si	58.1675	-31.3231	38.0727	75.75241	291.42
Si	38.2807	63.1392	-24.2281	75.76679	296.86
Si	13.4222	-16.408	-72.6842	75.80063	295.43
Si	-16.408	13.4222	-72.6842	75.80063	296.04
Si	20.8798	-65.6251	29.4198	75.80365	279.77
Si	-26.3514	-46.2382	-51.9173	75.82192	291.52
Si	-46.2382	-1.4929	58.8396	75.82391	284.07
Si	-46.2382	-1.4929	-58.8396	75.82391	320.48
Si	-0.993	15.908	74.4147	75.83883	293.3
Si	-18.8939	-15.908	70.9536	75.84737	289.26
Si	-58.1675	46.2382	13.8446	75.84971	277.04
Si	1.4929	76.0684	13.8446	75.84972	295.75
Si	-35.7948	-53.6957	-36.3421	75.87431	288.23
Si	-51.2099	18.3939	-51.9173	75.88564	298.79
Si	40.7666	63.6392	-19.0363	75.94049	294.79
Si	-70.5968	15.908	19.0363	75.94141	299.9
Si	-18.3939	-63.1392	34.6115	75.96545	278.38
Si	-28.8373	-55.6816	-39.8032	75.98121	291.21
Si	53.1958	-31.3231	-44.995	75.99096	281.97
Si	43.2524	-61.1533	-10.3835	76.00144	285.71
Si	-3.4788	-73.0826	13.8446	76.01247	295.64
Si	-3.4788	76.0684	13.8446	76.01248	298.98
Si	-28.8373	-15.908	-67.4924	76.01275	286.59
Si	11.4363	31.3231	-69.223	76.02984	287.26
Si	-13.9222	3.9787	-74.4147	76.03522	293.27
Si	-10.9363	25.8515	-70.9536	76.04101	291.47
Si	-20.8798	-38.7807	60.5701	76.10016	282.86
Si	23.8655	-38.7807	60.5701	76.10016	271.69
Si	-73.5825	13.9222	1.7306	76.11704	296.4
Si	-58.6675	-15.908	43.2644	76.11745	280.89
Si	-13.9222	73.5825	-19.0363	76.13753	302.13
Si	-53.6957	53.6957	-5.1917	76.1438	288.58
Si	-5.9646	15.908	74.4147	76.16406	290.75

Si	-23.3656	21.3797	-69.223	76.19222	294.25
Si	66.125	41.2665	6.9223	76.20476	294.23
Si	5.9646	58.6675	50.1867	76.20779	299.36
Si	-50.7099	55.6816	12.114	76.21226	275.66
Si	-35.7948	40.7666	53.6478	76.22916	284.46
Si	-8.9505	-70.5968	22.4975	76.23725	294.96
Si	-11.4363	48.2241	-58.8396	76.24344	293.87
Si	-21.3797	-41.2665	-58.8396	76.24706	289.89
Si	-1.4929	-21.3797	72.6842	76.25652	286.59
Si	73.5825	25.8515	5.1917	76.27064	292.39
Si	66.125	36.2948	-20.7669	76.28725	293.05
Si	66.125	36.2948	20.7669	76.28725	295.33
Si	-63.1392	36.2948	-20.7669	76.28725	287.75
Si	-50.7099	50.7099	25.9586	76.29748	278.24
Si	70.5968	33.809	1.7306	76.30639	293.99
Si	16.408	-73.0826	6.9223	76.36677	291.12
Si	76.0684	-13.4222	-6.9223	76.36678	306.3
Si	-63.6392	3.9787	-39.8032	76.37185	304.2
Si	71.0967	16.408	-27.6892	76.37959	293.51
Si	-23.8655	73.5825	1.7306	76.43928	288.64
Si	-8.9505	-60.6534	43.2644	76.43969	274.69
Si	38.2807	-11.4363	-65.7618	76.45343	300.13
Si	-11.4363	38.2807	65.7618	76.45343	289
Si	38.2807	-11.4363	65.7618	76.45343	281.57
Si	33.809	70.5968	5.1917	76.46322	297.23
Si	45.7383	63.6392	-5.1917	76.46412	286.31
Si	63.6392	45.7383	5.1917	76.46412	293.14
Si	23.3656	53.1958	51.9173	76.46572	304.34
Si	6.4646	-3.4788	-76.1453	76.46923	286.95
Si	40.7666	33.809	57.109	76.4734	287.45
Si	-31.3231	-56.1816	38.0727	76.50336	299.21
Si	-21.3797	8.4505	72.6842	76.51503	286.36
Si	36.2948	41.2665	-55.3784	76.54984	285.37
Si	-33.309	-38.2807	-55.3784	76.54984	292.34
Si	-38.2807	-33.309	-55.3784	76.54984	290.42
Si	-28.8373	-60.6534	-32.8809	76.57173	298.82
Si	25.8515	73.5825	8.6529	76.58413	295.15
Si	58.6675	-48.724	-8.6529	76.58684	289.15
Si	-63.6392	-5.9646	-39.8032	76.69482	305.86
Si	46.2382	1.4929	-62.3007	76.7041	292.59
Si	-73.5825	-0.993	15.5752	76.71433	313.29
Si	0.993	-40.7666	64.0313	76.72102	278.33
Si	33.809	35.7948	60.5701	76.74433	291.27
Si	48.2241	33.309	51.9173	76.75591	287.81
Si	71.0967	-23.3656	20.7669	76.77173	280.12
Si	-23.3656	-68.1109	-20.7669	76.77173	297.86
Si	-48.2241	56.1816	-20.7669	76.77173	292.44
Si	-8.9505	58.6675	50.1867	76.78994	295.48
Si	-35.7948	-33.809	-57.109	76.79864	291.88
Si	68.1109	38.2807	10.3835	76.8057	293.42
Si	-10.9363	15.908	74.4147	76.81038	290.22
Si	-71.0967	-21.3797	10.3835	76.8129	302.05
Si	65.6251	-40.7666	1.7306	76.8231	291.46
Si	-63.1392	1.4929	-41.5338	76.82685	306.47
Si	63.6392	35.7948	-29.4198	76.83947	293.21
Si	-35.7948	-18.8939	-64.0313	76.8505	284.94
Si	46.2382	-3.4788	-62.3007	76.86506	296.86
Si	46.2382	6.4646	62.3007	76.86506	280.78
Si	-3.4788	-43.2524	62.3007	76.86506	279.18
Si	6.4646	-43.2524	-62.3007	76.86506	272.03
Si	-43.2524	6.4646	62.3007	76.86506	283.46
Si	63.6392	-43.7524	-1.7306	76.89138	290.79

Si	-40.7666	-53.6957	32.8809	76.89475	301.16
Si	43.7524	-53.6957	32.8809	76.89475	283.22
Si	-40.7666	-3.9787	-64.0313	76.91426	317.06
Si	30.8231	-20.8798	-67.4924	76.91571	280.71
Si	30.8231	23.8655	-67.4924	76.91571	291.34
Si	-1.4929	58.1675	51.9173	76.91766	296.83
Si	-35.7948	30.8231	60.5701	76.93751	289
Si	-68.1109	-28.3373	-13.8446	76.98183	305.22
Si	66.125	-3.4788	41.5338	76.98755	297.01
Si	6.4646	-63.1392	-41.5338	76.98755	281.9
Si	-45.7383	-3.9787	60.5701	77.00299	284.5
Si	-53.6957	3.9787	-53.6478	77.00685	320.24
Si	18.8939	25.8515	-70.9536	77.01002	290.57
Si	68.1109	-21.3797	31.1504	77.01596	278.68
Si	48.2241	18.3939	58.8396	77.0165	287.83
Si	-58.1675	-3.4788	-48.4561	77.01996	319.94
Si	51.2099	-18.3939	55.3784	77.03267	278.71
Si	8.4505	68.1109	38.0727	77.04475	291.63
Si	-15.908	75.5684	12.114	77.05018	287.8
Si	65.6251	-25.8515	-32.8809	77.08308	288.5
Si	-8.9505	18.8939	-74.4147	77.13241	292.58
Si	-53.6957	48.724	-25.9586	77.13896	283.96
Si	-38.2807	66.125	13.8446	77.14221	283.13
Si	-38.2807	66.125	-13.8446	77.14221	283.65
Si	-33.809	13.9222	-67.4924	77.1747	294.5
Si	38.7807	-43.7524	-50.1867	77.17649	282.94
Si	-58.6675	13.9222	-46.7255	77.18179	292.36
Si	5.9646	-35.7948	-67.4924	77.23729	275.98
Si	-73.5825	18.8939	-5.1917	77.24034	292.55
Si	13.9222	55.6816	53.6478	77.25927	289.87
Si	48.724	60.6534	-15.5752	77.2873	291.61
Si	-20.8798	-28.8373	67.4924	77.30252	283.64
Si	38.7807	-28.8373	60.5701	77.32422	279.16
Si	-23.8655	-15.908	70.9536	77.33211	289.6
Si	-53.1958	-53.1958	0	77.3415	307.03
Si	-8.4505	-43.2524	-62.3007	77.34591	276.69
Si	33.309	-46.2382	-51.9173	77.36875	282.89
Si	-58.6675	-20.8798	43.2644	77.40548	279.81
Si	-3.9787	78.5542	-5.1917	77.42961	305.43
Si	-8.4505	11.4363	-76.1453	77.43287	293.07
Si	58.1675	-51.2099	3.4611	77.46983	287.76
Si	30.8231	-30.8231	64.0313	77.48932	279.52
Si	-8.4505	61.1533	48.4561	77.49986	292.45
Si	3.4788	28.3373	72.6842	77.5084	290.52
Si	28.3373	3.4788	-72.6842	77.5084	283.43
Si	-26.3514	73.0826	10.3835	77.51262	290.08
Si	-26.3514	58.1675	44.995	77.53619	303.23
Si	-61.1533	-6.4646	44.995	77.53976	284.47
Si	-18.8939	33.809	-67.4924	77.55755	286.93
Si	43.7524	-43.7524	46.7255	77.56461	272.66
Si	76.0684	6.4646	20.7669	77.57247	301.74
Si	-3.4788	76.0684	20.7669	77.57247	294.24
Si	53.6957	-18.8939	53.6478	77.58122	280.91
Si	-30.8231	65.6251	-29.4198	77.60659	284.17
Si	-71.0967	-11.4363	-24.2281	77.61065	296.26
Si	55.6816	-50.7099	-19.0363	77.61405	283.94
Si	-26.3514	63.1392	-38.0727	77.62151	274.95
Si	-46.2382	18.3939	58.8396	77.62728	281.04
Si	-25.8515	70.5968	-22.4975	77.64788	284.2
Si	51.2099	-33.309	-48.4561	77.65917	282.26
Si	-48.2241	36.2948	-48.4561	77.65917	284.36
Si	-58.1675	51.2099	0	77.66044	283.91

Si	13.9222	-73.5825	-15.5752	77.67493	293.1
Si	-60.6534	30.8231	-36.3421	77.73781	283.51
Si	16.408	-3.4788	-76.1453	77.75143	283.29
Si	6.4646	16.408	76.1453	77.75143	294.63
Si	6.4646	16.408	-76.1453	77.75143	288.98
Si	25.8515	-55.6816	-46.7255	77.75309	279.05
Si	-46.2382	43.2524	44.995	77.76027	269.4
Si	8.9505	75.5684	-22.4975	77.77492	287.06
Si	8.9505	-73.5825	19.0363	77.80951	285.1
Si	-5.9646	-73.5825	19.0363	77.80951	296.36
Si	-41.2665	-51.2099	-38.0727	77.81695	288.7
Si	-60.6534	-43.7524	12.114	77.82056	291.15
Si	-43.7524	-25.8515	57.109	77.82211	278.51
Si	-46.2382	-16.408	58.8396	77.85109	283.55
Si	-30.8231	70.5968	-15.5752	77.86049	281.67
Si	75.5684	23.8655	8.6529	77.86267	291.37
Si	71.0967	-3.4788	34.6115	77.89328	303.28
Si	28.8373	-63.6392	32.8809	77.91696	280.02
Si	31.3231	-18.3939	-69.223	77.95607	284.03
Si	20.8798	73.5825	22.4975	77.96733	287.49
Si	20.8798	-70.5968	22.4975	77.96733	279.72
Si	61.1533	51.2099	-6.9223	77.96834	282.8
Si	61.1533	-48.2241	6.9223	77.96834	287.89
Si	-38.2807	26.3514	62.3007	77.98244	288.92
Si	41.2665	26.3514	62.3007	77.98244	286.58
Si	56.1816	6.4646	55.3784	77.98935	285.18
Si	-15.908	-68.6109	-29.4198	77.99265	286.42
Si	-35.7948	-58.6675	32.8809	78.04357	303.28
Si	-8.4505	-73.0826	20.7669	78.04896	295.04
Si	-21.3797	18.3939	-72.6842	78.04989	295.33
Si	58.1675	-51.2099	10.3835	78.08592	287.21
Si	-71.0967	28.3373	-10.3835	78.08769	294.32
Si	33.809	5.9646	-70.9536	78.09439	288.08
Si	68.1109	-31.3231	-24.2281	78.11432	296.01
Si	-8.4505	36.2948	69.223	78.11445	289.22
Si	-40.7666	-63.6392	-8.6529	78.12117	320.26
Si	18.8939	-58.6675	46.7255	78.13664	289.72
Si	53.1958	-56.1816	-10.3835	78.14956	285.23
Si	-28.8373	-10.9363	70.9536	78.15891	287.67
Si	-33.809	68.6109	-19.0363	78.18838	284
Si	-61.1533	-11.4363	44.995	78.2065	282.62
Si	0.993	8.9505	77.8759	78.23373	292.48
Si	23.3656	48.2241	58.8396	78.25799	292.27
Si	-63.1392	16.408	41.5338	78.26126	287.52
Si	-13.4222	-63.1392	41.5338	78.26126	275.62
Si	-56.1816	-26.3514	44.995	78.27004	280.42
Si	-13.4222	61.1533	-48.4561	78.29315	277.35
Si	61.1533	16.408	48.4561	78.29315	278.8
Si	43.2524	63.1392	24.2281	78.30147	301.4
Si	75.5684	-20.8798	-12.114	78.32287	305.24
Si	48.724	-23.8655	-57.109	78.32795	285.65
Si	11.4363	-68.1109	-34.6115	78.36783	284.27
Si	-1.4929	53.1958	58.8396	78.38493	289.75
Si	28.3373	13.4222	-72.6842	78.39589	288.87
Si	-48.724	-25.8515	-53.6478	78.40628	292.82
Si	-73.0826	-18.3939	-13.8446	78.41341	304.39
Si	-18.3939	-73.0826	-13.8446	78.41341	292.33
Si	-61.1533	-26.3514	38.0727	78.41797	278.32
Si	-73.5825	13.9222	-19.0363	78.44228	303.28
Si	13.9222	-73.5825	19.0363	78.44228	285.29
Si	-0.993	-43.7524	-64.0313	78.44307	274.38
Si	23.8655	-73.5825	5.1917	78.50995	289.71

Si	31.3231	-68.1109	20.7669	78.52257	277.85
Si	-68.1109	-28.3373	-20.7669	78.52257	299.93
Si	-55.6816	5.9646	53.6478	78.53034	279.51
Si	-28.3373	61.1533	41.5338	78.57646	302.85
Si	-63.6392	43.7524	-12.114	78.57986	283.4
Si	-71.0967	-16.408	-24.2281	78.59193	296.05
Si	65.6251	38.7807	-25.9586	78.5949	292.31
Si	10.9363	-65.6251	-39.8032	78.60213	283.71
Si	-48.724	43.7524	43.2644	78.60922	269.6
Si	-63.1392	-43.2524	0	78.60948	304.57
Si	8.4505	53.1958	58.8396	78.63645	285.76
Si	53.1958	8.4505	58.8396	78.63645	284.25
Si	41.2665	66.125	-20.7669	78.67981	293.66
Si	46.2382	-53.1958	-34.6115	78.6826	279.34
Si	1.4929	21.3797	76.1453	78.69937	292.99
Si	-18.3939	1.4929	76.1453	78.69937	287.61
Si	43.2524	68.1109	-3.4611	78.70066	285.38
Si	15.908	-50.7099	57.109	78.70431	273.02
Si	58.6675	50.7099	-22.4975	78.72346	288.07
Si	65.6251	-20.8798	-39.8032	78.72588	284.91
Si	-35.7948	55.6816	-43.2644	78.73121	281.88
Si	-36.2948	-56.1816	-38.0727	78.76411	289.08
Si	55.6816	-0.993	57.109	78.76569	281.37
Si	-75.5684	-3.9787	-15.5752	78.80975	306.8
Si	-61.1533	48.2241	-10.3835	78.84268	281.51
Si	75.5684	8.9505	-25.9586	78.84575	295.14
Si	75.5684	-5.9646	-25.9586	78.84575	293.38
Si	21.3797	-3.4788	-76.1453	78.85626	284.38
Si	-10.9363	0.993	-77.8759	78.86309	291.79
Si	61.1533	51.2099	13.8446	78.88483	285.46
Si	-58.1675	51.2099	13.8446	78.88483	275.83
Si	-28.8373	28.8373	-67.4924	78.8851	290.63
Si	-13.9222	-50.7099	57.109	78.89357	273.55
Si	38.2807	-66.125	17.3058	78.89874	276.8
Si	-33.309	-13.4222	-69.223	78.90156	287.42
Si	45.7383	-35.7948	-53.6478	78.90574	281.72
Si	60.6534	-50.7099	1.7306	78.91826	287.04
Si	-53.1958	-28.3373	48.4561	78.92204	279.79
Si	-68.1109	26.3514	27.6892	78.92608	294.03
Si	-8.9505	8.9505	77.8759	78.9261	289.27
Si	35.7948	23.8655	-67.4924	78.94546	290.72
Si	-38.7807	8.9505	-67.4924	78.94809	299.28
Si	73.0826	-21.3797	24.2281	78.96353	281.09
Si	38.7807	35.7948	60.5701	78.96671	287.19
Si	-45.7383	50.7099	39.8032	78.97719	271.13
Si	-13.4222	-13.4222	-76.1453	79.01283	286.42
Si	33.309	73.0826	-10.3835	79.02636	290.66
Si	-5.9646	-48.724	60.5701	79.03226	277.26
Si	-58.6675	-30.8231	-39.8032	79.0436	291.85
Si	33.309	58.1675	-44.995	79.04948	285.96
Si	18.8939	-18.8939	74.4147	79.09466	282.56
Si	80.5401	-0.993	1.7306	79.10526	309.32
Si	33.809	45.7383	-57.109	79.14172	285.37
Si	-63.1392	-28.3373	34.6115	79.15242	277.54
Si	35.7948	-5.9646	70.9536	79.16217	280.3
Si	13.9222	-63.6392	-43.2644	79.17371	281.72
Si	-70.5968	15.908	-29.4198	79.18484	298.55
Si	20.8798	48.724	-60.5701	79.21725	286.77
Si	0.993	73.5825	-32.8809	79.23587	292.84
Si	-70.5968	0.993	32.8809	79.23588	296.95
Si	15.908	3.9787	77.8759	79.23779	291.21
Si	36.2948	46.2382	55.3784	79.24696	294.26

Si	73.5825	-18.8939	25.9586	79.28674	281.07
Si	-71.0967	28.3373	-17.3058	79.30549	295.99
Si	-53.1958	-38.2807	-41.5338	79.35899	298.45
Si	60.6534	-50.7099	8.6529	79.37234	288.14
Si	-18.8939	-40.7666	64.0313	79.38189	280.57
Si	13.9222	-43.7524	-64.0313	79.38276	274.94
Si	21.3797	-58.1675	-48.4561	79.39044	278.69
Si	21.3797	61.1533	-48.4561	79.39044	295.26
Si	61.1533	-18.3939	-48.4561	79.39044	282.98
Si	-33.309	36.2948	-62.3007	79.39598	288.05
Si	5.9646	28.8373	-74.4147	79.40568	287.4
Si	-66.125	18.3939	38.0727	79.41883	288.24
Si	-68.6109	38.7807	1.7306	79.42234	283.82
Si	58.6675	-53.6957	-1.7306	79.48403	287.25
Si	28.3373	-16.408	72.6842	79.52389	281.44
Si	63.1392	-31.3231	-38.0727	79.54045	285.19
Si	-66.125	43.2524	-3.4611	79.54883	283.71
Si	-21.3797	-21.3797	-72.6842	79.55688	281.99
Si	-35.7948	-58.6675	-36.3421	79.56375	289.26
Si	-25.8515	-68.6109	25.9586	79.59963	287.12
Si	-75.5684	20.8798	5.1917	79.632	296.7
Si	-30.8231	50.7099	53.6478	79.65384	285.29
Si	-50.7099	-58.6675	-1.7306	79.67057	303.87
Si	-58.6675	-50.7099	1.7306	79.67057	306.82
Si	6.4646	-78.0543	0	79.70242	295
Si	-43.7524	-30.8231	57.109	79.70505	277.5
Si	6.4646	76.0684	-27.6892	79.70518	288.74
Si	76.0684	-3.4788	-27.6892	79.70518	293.21
Si	-48.2241	1.4929	62.3007	79.7067	284.48
Si	-1.4929	-1.4929	-79.6064	79.71836	286.4
Si	78.5542	-18.8939	-1.7306	79.73121	307.16
Si	-0.993	75.5684	-29.4198	79.74265	292.51
Si	-28.8373	-70.5968	15.5752	79.74599	283.82
Si	-3.9787	48.724	64.0313	79.75415	288.54
Si	5.9646	-40.7666	-67.4924	79.75641	274.28
Si	-56.1816	33.309	44.995	79.7694	273.14
Si	33.309	-56.1816	-44.995	79.7694	278.86
Si	-10.9363	35.7948	-70.9536	79.78421	288.64
Si	-28.8373	63.6392	-39.8032	79.78954	273.99
Si	-40.7666	60.6534	32.8809	79.79333	271.05
Si	10.9363	-70.5968	-32.8809	79.79507	284.57
Si	-41.2665	-31.3231	58.8396	79.79567	278.62
Si	-31.3231	-1.4929	72.6842	79.8047	284.43
Si	-23.3656	-73.0826	-13.8446	79.81932	294.89
Si	25.8515	28.8373	70.9536	79.8465	292.77
Si	-3.4788	51.2099	-62.3007	79.8616	288.1
Si	-16.408	-26.3514	-72.6842	79.86697	281.47
Si	73.0826	18.3939	31.1504	79.88162	286.12
Si	-55.6816	-13.9222	53.6478	79.90395	276.85
Si	-8.9505	73.5825	-32.8809	79.91956	295.22
Si	-73.0826	21.3797	-20.7669	79.92656	302.63
Si	70.5968	-25.8515	29.4198	79.9286	278.77
Si	-16.408	43.2524	-65.7618	79.93071	290.09
Si	-75.5684	20.8798	-8.6529	79.93231	292.41
Si	-71.0967	33.309	10.3835	79.93329	290.78
Si	-8.9505	28.8373	-74.4147	79.96455	290.25
Si	-43.7524	-55.6816	-32.8809	79.9826	288.71
Si	-3.9787	-15.908	77.8759	79.98364	289.62
Si	18.8939	40.7666	67.4924	80.00275	284.42
Si	-46.2382	53.1958	-38.0727	80.00609	276.35
Si	41.2665	51.2099	-48.4561	80.01071	278.24
Si	51.2099	-38.2807	48.4561	80.01071	277.9

Si	-38.2807	-48.2241	-48.4561	80.01071	289.47
Si	-56.1816	-51.2099	17.3058	80.02139	286.69
Si	-35.7948	70.5968	-15.5752	80.05189	283.74
Si	-1.4929	-6.4646	79.6064	80.05888	289.74
Si	78.5542	-8.9505	19.0363	80.06183	301.19
Si	-35.7948	-28.8373	-64.0313	80.06434	284.25
Si	-21.3797	68.1109	-38.0727	80.06648	275.91
Si	68.1109	-21.3797	-38.0727	80.06648	284.63
Si	-3.9787	63.6392	50.1867	80.06745	295.94
Si	-28.8373	-45.7383	57.109	80.0758	278.03
Si	-18.3939	-13.4222	76.1453	80.10026	288.01
Si	30.8231	73.5825	-19.0363	80.12218	289.33
Si	48.724	10.9363	-64.0313	80.12468	284.85
Si	68.1109	33.309	31.1504	80.12844	287.98
Si	-48.2241	31.3231	-55.3784	80.17723	286.15
Si	43.7524	10.9363	67.4924	80.18894	279.52
Si	58.6675	-23.8655	-50.1867	80.19153	282.35
Si	38.7807	-48.724	-50.1867	80.1924	282.13
Si	-25.8515	50.7099	-57.109	80.19642	291.12
Si	13.4222	33.309	-72.6842	80.2344	284.13
Si	-18.3939	71.0967	34.6115	80.23796	282.92
Si	18.8939	-58.6675	-50.1867	80.25436	278.37
Si	33.809	-48.724	53.6478	80.27551	271.79
Si	5.9646	-35.7948	70.9536	80.27941	270.93
Si	0.993	78.5542	22.4975	80.27975	293.26
Si	18.3939	78.0543	-17.3058	80.29186	287.62
Si	31.3231	76.0684	0	80.32028	290.9
Si	78.0543	3.4788	24.2281	80.32803	298.62
Si	-26.3514	38.2807	-65.7618	80.33224	292.37
Si	-71.0967	-31.3231	-10.3835	80.33652	304.4
Si	-76.0684	13.4222	17.3058	80.35891	300.3
Si	61.1533	-48.2241	20.7669	80.3891	273.45
Si	-48.2241	-58.1675	20.7669	80.3891	281.56
Si	33.309	-11.4363	72.6842	80.38914	279.91
Si	-28.8373	-0.993	-74.4147	80.39683	286.24
Si	-38.7807	-25.8515	64.0313	80.4343	279.73
Si	-25.8515	-38.7807	-64.0313	80.4343	288.9
Si	-70.5968	-33.809	5.1917	80.43689	298.05
Si	-41.2665	-16.408	65.7618	80.45763	282.23
Si	81.0401	11.4363	6.9223	80.46457	303.26
Si	-16.408	78.0543	17.3058	80.50827	289.86
Si	53.1958	63.1392	3.4611	80.5322	280.65
Si	-8.9505	-65.6251	43.2644	80.53377	274.24
Si	-46.2382	48.2241	44.995	80.53948	269.26
Si	-33.309	71.0967	-20.7669	80.54269	281.05
Si	71.0967	-33.309	-20.7669	80.54269	295.25
Si	-26.3514	73.0826	-24.2281	80.54433	282.42
Si	-78.5542	3.9787	8.6529	80.55183	310.84
Si	45.7383	68.6109	-5.1917	80.55697	286.99
Si	-45.7383	65.6251	12.114	80.56342	278.93
Si	-58.1675	36.2948	41.5338	80.59524	272.25
Si	-20.8798	-68.6109	32.8809	80.59918	281.67
Si	-73.0826	-28.3373	6.9223	80.61802	298.39
Si	55.6816	-15.908	57.109	80.6266	279.55
Si	-68.1109	31.3231	27.6892	80.63015	293.54
Si	73.0826	-31.3231	17.3058	80.63166	289.9
Si	26.3514	46.2382	62.3007	80.63166	292.24
Si	-23.3656	46.2382	-62.3007	80.63166	290.84
Si	13.4222	-31.3231	-72.6842	80.63612	279.13
Si	-61.1533	-46.2382	17.3058	80.6368	289.62
Si	3.9787	-58.6675	53.6478	80.6445	270.02
Si	-1.4929	63.1392	51.9173	80.65099	296.23

Si	-75.5684	15.908	19.0363	80.67608	299.5
Si	-35.7948	55.6816	46.7255	80.68501	286.17
Si	18.8939	35.7948	-70.9536	80.70829	286.48
Si	-8.4505	-23.3656	-76.1453	80.71507	281.3
Si	-26.3514	-46.2382	58.8396	80.71961	277.1
Si	-30.8231	-28.8373	67.4924	80.74325	280.46
Si	-28.8373	-30.8231	-67.4924	80.74325	282.86
Si	-63.1392	-23.3656	41.5338	80.74844	280.09
Si	-25.8515	-13.9222	74.4147	80.76441	290.01
Si	48.724	50.7099	-43.2644	80.77689	274.82
Si	-23.3656	-58.1675	-48.4561	80.77934	285.36
Si	28.8373	-68.6109	-29.4198	80.79464	280.96
Si	75.5684	-30.8231	1.7306	80.83631	296.02
Si	-45.7383	15.908	-64.0313	80.8615	291.97
Si	15.908	-45.7383	64.0313	80.8615	272.67
Si	-6.4646	13.4222	79.6064	80.88768	292.55
Si	63.1392	8.4505	-51.9173	80.89546	282.03
Si	-66.125	-21.3797	38.0727	80.90033	278.31
Si	-21.3797	-66.125	38.0727	80.90033	281.66
Si	-21.3797	-56.1816	-51.9173	80.90059	286.23
Si	-51.2099	43.2524	44.995	80.90727	270.22
Si	43.7524	15.908	67.4924	80.92518	279.55
Si	-53.1958	-33.309	-48.4561	80.93219	295.16
Si	16.408	81.0401	0	80.93341	291.57
Si	81.0401	-13.4222	0	80.93341	306.67
Si	-13.4222	-78.0543	0	80.93342	288.51
Si	58.6675	5.9646	-57.109	80.9343	283.38
Si	40.7666	-65.6251	22.4975	80.95292	275.51
Si	45.7383	53.6957	43.2644	80.96045	273.98
Si	20.8798	78.5542	15.5752	80.97461	288.08
Si	-20.8798	45.7383	-64.0313	80.98265	289.25
Si	-75.5684	25.8515	5.1917	80.98608	294.69
Si	43.2524	38.2807	58.8396	80.98945	286.03
Si	38.2807	43.2524	-58.8396	80.98945	285.8
Si	-51.2099	-16.408	-58.8396	80.99457	285.78
Si	-3.9787	-55.6816	57.109	80.9957	276.92
Si	-48.724	-50.7099	36.3421	81.04089	291.74
Si	-6.4646	-11.4363	-79.6064	81.04118	287.67
Si	63.1392	48.2241	-24.2281	81.06214	285.86
Si	48.2241	63.1392	-24.2281	81.06214	290.13
Si	-6.4646	48.2241	65.7618	81.06632	286.05
Si	65.6251	-40.7666	-25.9586	81.07184	289.55
Si	23.3656	73.0826	-31.1504	81.07925	287.34
Si	75.5684	-0.993	-32.8809	81.08342	290.5
Si	-0.993	75.5684	32.8809	81.08342	284.23
Si	-56.1816	-46.2382	-31.1504	81.08607	286.5
Si	18.8939	15.908	-77.8759	81.08786	287.81
Si	-13.4222	-48.2241	-62.3007	81.09018	276.41
Si	16.408	51.2099	-62.3007	81.09018	286.76
Si	73.0826	3.4788	-38.0727	81.1083	291.51
Si	-21.3797	-26.3514	-72.6842	81.12612	282.35
Si	-65.6251	15.908	-43.2644	81.14445	290.41
Si	-36.2948	-66.125	-24.2281	81.16088	289.11
Si	-10.9363	-78.5542	5.1917	81.17257	289.91
Si	-78.5542	13.9222	-5.1917	81.17257	294.18
Si	78.0543	13.4222	24.2281	81.1847	299.23
Si	55.6816	-40.7666	43.2644	81.20399	274.58
Si	71.0967	6.4646	41.5338	81.2063	279.09
Si	6.4646	71.0967	-41.5338	81.2063	291.09
Si	28.8373	75.5684	19.0363	81.22366	284.6
Si	-45.7383	-53.6957	-36.3421	81.22386	289.41
Si	63.1392	-26.3514	44.995	81.2411	284.84

Si	46.2382	-63.1392	20.7669	81.3063	275.51
Si	-43.2524	66.125	-20.7669	81.3063	283.16
Si	26.3514	-73.0826	-20.7669	81.3063	287.04
Si	3.9787	55.6816	60.5701	81.31015	286.52
Si	-38.2807	71.0967	-13.8446	81.35294	283.11
Si	41.2665	71.0967	-13.8446	81.35294	287.09
Si	41.2665	-68.1109	13.8446	81.35294	276.62
Si	63.6392	-13.9222	-50.1867	81.35405	282.94
Si	73.0826	-21.3797	31.1504	81.35469	278.94
Si	-31.3231	-66.125	31.1504	81.35979	289.9
Si	-45.7383	-63.6392	12.114	81.36163	279.99
Si	-63.6392	-45.7383	-12.114	81.36163	313.48
Si	-5.9646	75.5684	32.8809	81.3877	284.76
Si	66.125	-8.4505	-48.4561	81.38902	284.79
Si	1.4929	-58.1675	-55.3784	81.40105	274.01
Si	1.4929	61.1533	-55.3784	81.40105	289.36
Si	-60.6534	-48.724	-15.5752	81.40322	314.39
Si	35.7948	58.6675	-46.7255	81.41761	283.58
Si	23.3656	-41.2665	-65.7618	81.43342	273.21
Si	-68.6109	-30.8231	-25.9586	81.44148	297.89
Si	33.809	-68.6109	25.9586	81.44148	277.07
Si	70.5968	-40.7666	8.6529	81.46212	285.56
Si	78.0543	23.3656	17.3058	81.48346	296.31
Si	5.9646	3.9787	-81.337	81.49777	291.55
Si	3.9787	5.9646	81.337	81.49777	291.99
Si	-73.5825	-20.8798	22.4975	81.50457	294.43
Si	76.0684	-28.3373	13.8446	81.50473	289.44
Si	31.3231	76.0684	-13.8446	81.50473	288.47
Si	8.4505	-66.125	44.995	81.51769	276.09
Si	-31.3231	18.3939	-72.6842	81.52006	288.34
Si	-11.4363	13.4222	-79.6064	81.52705	291.14
Si	48.2241	13.4222	65.7618	81.55203	279.47
Si	-43.2524	-38.2807	-55.3784	81.55273	285.18
Si	-58.1675	-3.4788	55.3784	81.55273	281.48
Si	-68.6109	13.9222	-39.8032	81.56788	291.59
Si	-10.9363	-68.6109	39.8032	81.56788	275.71
Si	3.9787	70.5968	-43.2644	81.56794	292.12
Si	63.6392	-28.8373	-43.2644	81.57132	284.64
Si	26.3514	71.0967	34.6115	81.61244	276.88
Si	70.5968	-15.908	-39.8032	81.62373	284.13
Si	33.809	10.9363	74.4147	81.67654	283.82
Si	-5.9646	0.993	81.337	81.67972	290.81
Si	0.993	-5.9646	-81.337	81.67972	287.17
Si	20.8798	78.5542	-19.0363	81.71098	286.46
Si	8.9505	-48.724	-64.0313	81.71512	272.67
Si	25.8515	-75.5684	-12.114	81.72234	286.93
Si	-38.7807	38.7807	-60.5701	81.73785	286.64
Si	-1.4929	58.1675	-58.8396	81.74973	288.81
Si	-6.4646	18.3939	-79.6064	81.7689	292.42
Si	31.3231	1.4929	-76.1453	81.77987	283.27
Si	-60.6534	-23.8655	46.7255	81.78314	278.1
Si	-56.1816	-51.2099	24.2281	81.79811	284.42
Si	-8.9505	-30.8231	-74.4147	81.79818	278.23
Si	-48.724	23.8655	-60.5701	81.79864	287.61
Si	5.9646	-5.9646	-81.337	81.8005	288.4
Si	-48.2241	66.125	6.9223	81.83524	278.51
Si	55.6816	23.8655	57.109	81.8437	281.19
Si	-18.8939	28.8373	-74.4147	81.85893	285.41
Si	-75.5684	10.9363	25.9586	81.86257	300.07
Si	28.8373	-28.8373	-70.9536	81.866	276.47
Si	53.1958	-61.1533	10.3835	81.88744	279.16
Si	-28.8373	-55.6816	50.1867	81.89963	270.62

Si	-43.7524	-40.7666	-53.6478	81.9212	288.13
Si	-58.6675	-45.7383	29.4198	81.9486	280.57
Si	-75.5684	-18.8939	19.0363	81.95397	293.77
Si	-53.1958	46.2382	41.5338	81.96373	270.66
Si	-51.2099	23.3656	58.8396	81.96397	281.08
Si	-36.2948	-1.4929	72.6842	81.97445	285.88
Si	-16.408	-6.4646	79.6064	81.98141	285.37
Si	3.4788	-71.0967	-38.0727	81.9922	281.41
Si	3.4788	-71.0967	38.0727	81.9922	279.72
Si	48.2241	-31.3231	58.8396	81.99261	268.87
Si	13.9222	75.5684	32.8809	81.99286	289.08
Si	-73.5825	3.9787	-32.8809	81.99791	292.96
Si	33.309	73.0826	-24.2281	82.00212	293.27
Si	-61.1533	-26.3514	-44.995	82.00242	289.89
Si	61.1533	11.4363	-55.3784	82.00611	283.58
Si	15.908	-70.5968	36.3421	82.00892	276.33
Si	50.7099	33.809	57.109	82.02487	284.98
Si	-23.8655	78.5542	-12.114	82.02593	288.2
Si	-8.9505	3.9787	-81.337	82.04239	289.57
Si	-65.6251	-23.8655	39.8032	82.04978	279.47
Si	18.8939	-78.5542	5.1917	82.08102	291.42
Si	-45.7383	-33.809	-57.109	82.08798	287.11
Si	-33.809	48.724	57.109	82.08798	285.07
Si	25.8515	-55.6816	-53.6478	82.09968	277.49
Si	-68.6109	28.8373	-32.8809	82.11824	282.64
Si	66.125	16.408	48.4561	82.14476	278.48
Si	56.1816	56.1816	27.6892	82.14864	267.86
Si	-48.2241	21.3797	-62.3007	82.15012	289.34
Si	80.5401	-20.8798	1.7306	82.17054	304.4
Si	-10.9363	-43.7524	67.4924	82.20003	278.74
Si	46.2382	61.1533	-34.6115	82.21594	277.52
Si	30.8231	48.724	-60.5701	82.21792	284.68
Si	-23.8655	8.9505	77.8759	82.23939	286.04
Si	-18.3939	41.2665	69.223	82.27544	284.33
Si	81.0401	21.3797	-6.9223	82.28706	291.64
Si	-18.3939	-78.0543	6.9223	82.28707	288.3
Si	-55.6816	50.7099	32.8809	82.29461	274.41
Si	-33.309	-73.0826	0	82.29628	285.72
Si	36.2948	-73.0826	0	82.29628	284.82
Si	75.5684	33.809	15.5752	82.30492	291.54
Si	80.5401	23.8655	-5.1917	82.3162	289.52
Si	28.3373	-26.3514	-72.6842	82.33415	277.47
Si	63.1392	18.3939	51.9173	82.34872	278.39
Si	-78.5542	18.8939	8.6529	82.3724	295.75
Si	-45.7383	0.993	67.4924	82.37875	284.35
Si	11.4363	31.3231	-76.1453	82.38215	287.01
Si	43.2524	28.3373	-65.7618	82.39599	285.07
Si	-11.4363	18.3939	-79.6064	82.40143	293.36
Si	-28.8373	-70.5968	-25.9586	82.40563	290.5
Si	-65.6251	-18.8939	-43.2644	82.41507	288.88
Si	23.3656	-76.0684	-17.3058	82.42367	286.29
Si	68.6109	-43.7524	-15.5752	82.42899	290.02
Si	-28.3373	61.1533	-48.4561	82.44512	279.58
Si	-1.4929	-56.1816	58.8396	82.44608	275.51
Si	-58.1675	51.2099	-27.6892	82.44899	282.52
Si	5.9646	-70.5968	-39.8032	82.46946	281.33
Si	30.8231	-75.5684	1.7306	82.47248	286.87
Si	-15.908	-73.5825	-29.4198	82.49024	286.52
Si	-33.809	-70.5968	-19.0363	82.49559	287.81
Si	-73.5825	-20.8798	-25.9586	82.52702	295.51
Si	58.1675	13.4222	58.8396	82.56156	280.58
Si	8.9505	-63.6392	-50.1867	82.5621	279.97

Si	60.6534	-5.9646	57.109	82.56518	281.91
Si	6.4646	46.2382	-69.223	82.57532	284.2
Si	-45.7383	-28.8373	60.5701	82.5799	279.92
Si	0.993	43.7524	70.9536	82.58645	285.42
Si	-73.0826	36.2948	-6.9223	82.5869	287.92
Si	-55.6816	-53.6957	-22.4975	82.58845	288.79
Si	46.2382	-48.2241	48.4561	82.59489	271.05
Si	46.2382	51.2099	48.4561	82.59489	273.05
Si	71.0967	36.2948	27.6892	82.59875	291.53
Si	38.7807	65.6251	-36.3421	82.60784	278.38
Si	-50.7099	0.993	-64.0313	82.61593	317.04
Si	55.6816	-60.6534	-5.1917	82.61677	284.6
Si	-60.6534	55.6816	5.1917	82.61677	281.14
Si	8.9505	-78.5542	19.0363	82.61685	283.84
Si	30.8231	78.5542	-5.1917	82.61761	290.21
Si	-36.2948	-31.3231	65.7618	82.64031	278.18
Si	-81.0401	-1.4929	3.4611	82.65949	309.54
Si	-3.9787	78.5542	29.4198	82.66749	283.92
Si	23.3656	-31.3231	72.6842	82.69396	275.2
Si	5.9646	-40.7666	70.9536	82.70591	269.7
Si	-50.7099	65.6251	-1.7306	82.71073	281.98
Si	8.9505	-68.6109	-43.2644	82.71613	283.16
Si	-26.3514	43.2524	65.7618	82.72715	285.2
Si	40.7666	-25.8515	-67.4924	82.73669	271.98
Si	-33.809	33.809	-67.4924	82.7392	287.07
Si	61.1533	-13.4222	-55.3784	82.75621	284.63
Si	-33.809	53.6957	-53.6478	82.76138	285.2
Si	71.0967	41.2665	-20.7669	82.81239	289.3
Si	81.0401	-8.4505	-20.7669	82.81239	294.08
Si	-78.0543	11.4363	20.7669	82.8124	299.47
Si	-8.4505	-73.0826	34.6115	82.81505	279.51
Si	73.0826	18.3939	38.0727	82.82666	282.74
Si	-28.8373	-75.5684	1.7306	82.83335	285.91
Si	-63.6392	-25.8515	43.2644	82.8354	276.58
Si	23.3656	8.4505	79.6064	82.84932	289.38
Si	-50.7099	45.7383	46.7255	82.86171	269.48
Si	-58.1675	41.2665	41.5338	82.8635	271.1
Si	33.809	-63.6392	39.8032	82.89033	273.48
Si	10.9363	48.724	-67.4924	82.91675	282.12
Si	-20.8798	60.6534	53.6478	82.93722	288.3
Si	23.3656	-6.4646	-79.6064	82.93928	285.76
Si	-8.9505	13.9222	-81.337	82.94131	290.48
Si	-73.0826	-28.3373	20.7669	82.9615	294.61
Si	-28.3373	76.0684	20.7669	82.96151	288.73
Si	-28.3373	76.0684	-20.7669	82.96151	282.05
Si	-11.4363	-71.0967	-38.0727	82.98157	281.07
Si	-55.6816	-58.6675	-1.7306	83.0132	306.71
Si	-28.3373	-33.309	-69.223	83.02311	285.85
Si	-8.4505	-43.2524	69.223	83.02311	277.24
Si	78.5542	10.9363	-29.4198	83.02502	294.11
Si	46.2382	-68.1109	6.9223	83.03463	279.97
Si	-45.7383	-8.9505	67.4924	83.03657	283.62
Si	-66.125	38.2807	-31.1504	83.04136	280.44
Si	-53.1958	-3.4788	62.3007	83.04787	284.94
Si	-3.4788	56.1816	62.3007	83.04787	288.99
Si	-61.1533	53.1958	17.3058	83.04954	275.78
Si	-76.0684	-26.3514	10.3835	83.05948	299.02
Si	-43.7524	-15.908	-67.4924	83.09725	277.58
Si	-15.908	-43.7524	67.4924	83.09725	278.75
Si	-61.1533	18.3939	-51.9173	83.09989	287.92
Si	-21.3797	8.4505	79.6064	83.1189	284.97
Si	8.4505	-21.3797	-79.6064	83.1189	289.14

Si	-13.9222	8.9505	-81.337	83.12009	290.91
Si	-28.3373	-13.4222	76.1453	83.12886	287.86
Si	-60.6534	-53.6957	-1.7306	83.13205	306.92
Si	23.8655	-78.5542	-1.7306	83.13289	289.11
Si	81.0401	21.3797	13.8446	83.15597	295.89
Si	-78.0543	21.3797	13.8446	83.15598	295.07
Si	58.1675	33.309	-51.9173	83.18459	273.14
Si	73.5825	30.8231	-29.4198	83.20279	289.03
Si	-73.5825	-30.8231	15.5752	83.20599	296.85
Si	43.7524	70.5968	19.0363	83.20809	292.18
Si	25.8515	-45.7383	64.0313	83.21132	267.35
Si	-40.7666	25.8515	67.4924	83.27321	288.72
Si	-78.5542	23.8655	-5.1917	83.27686	290.82
Si	-58.6675	8.9505	57.109	83.28456	278.06
Si	5.9646	18.8939	-81.337	83.29766	289.95
Si	58.1675	-46.2382	38.0727	83.30543	274.67
Si	-61.1533	-16.408	51.9173	83.309	275.46
Si	-23.3656	81.0401	0	83.34088	287.91
Si	-63.1392	46.2382	-27.6892	83.34352	280.58
Si	-63.1392	-43.2524	-27.6892	83.34352	290.25
Si	-53.1958	-28.3373	-55.3784	83.35144	292.7
Si	5.9646	38.7807	-74.4147	83.35421	282.61
Si	30.8231	68.6109	-39.8032	83.36294	279.7
Si	70.5968	-15.908	43.2644	83.36631	278.01
Si	70.5968	18.8939	43.2644	83.36631	281.03
Si	-16.408	38.2807	72.6842	83.40726	284.36
Si	-38.2807	-63.1392	-34.6115	83.40985	288.07
Si	-3.9787	38.7807	-74.4147	83.41383	286.03
Si	-60.6534	50.7099	25.9586	83.41657	275.9
Si	-15.908	-38.7807	-70.9536	83.42159	275.84
Si	-73.5825	3.9787	36.3421	83.44609	297.75
Si	70.5968	-0.993	-46.7255	83.45536	288.43
Si	8.4505	-81.0401	10.3835	83.47407	285.1
Si	-63.6392	53.6957	1.7306	83.48842	281.42
Si	26.3514	51.2099	62.3007	83.49313	292.28
Si	-80.5401	0.993	-15.5752	83.50004	305.19
Si	8.9505	80.5401	25.9586	83.53402	283.87
Si	33.309	78.0543	-10.3835	83.55675	288.77
Si	-13.4222	76.0684	34.6115	83.5579	283.33
Si	55.6816	-50.7099	36.3421	83.56019	274.28
Si	-70.5968	15.908	39.8032	83.60031	287.27
Si	-76.0684	3.4788	-31.1504	83.60649	292.25
Si	-76.0684	3.4788	31.1504	83.60649	297.1
Si	-0.993	-28.8373	-77.8759	83.6107	280.98
Si	26.3514	81.0401	6.9223	83.62787	290.46
Si	-78.0543	26.3514	6.9223	83.62788	295.15
Si	-76.0684	-1.4929	-31.1504	83.63621	293.13
Si	-18.8939	33.809	-74.4147	83.65105	286.48
Si	-73.5825	-20.8798	29.4198	83.68024	292.08
Si	13.4222	-21.3797	-79.6064	83.68184	290.43
Si	-33.309	1.4929	76.1453	83.72144	286.71
Si	50.7099	-55.6816	36.3421	83.73765	273.71
Si	68.1109	-46.2382	-17.3058	83.7598	287.49
Si	46.2382	16.408	69.223	83.76411	279.29
Si	-15.908	-53.6957	60.5701	83.76945	275.05
Si	-58.6675	-50.7099	-25.9586	83.77503	288.28
Si	63.1392	-21.3797	51.9173	83.77842	285.29
Si	-50.7099	50.7099	-43.2644	83.78103	272.47
Si	18.8939	-73.5825	32.8809	83.78706	276.67
Si	-25.8515	80.5401	5.1917	83.80415	288.48
Si	-3.4788	-8.4505	83.0676	83.80821	288.09
Si	-3.4788	11.4363	83.0676	83.80821	291.92

Si	-60.6534	-23.8655	-50.1867	83.80877	287.37
Si	58.1675	63.1392	3.4611	83.81084	279.54
Si	-31.3231	-61.1533	-44.995	83.82113	286.99
Si	40.7666	38.7807	64.0313	83.86179	289.06
Si	58.6675	-33.809	-50.1867	83.86806	279.92
Si	8.4505	-76.0684	31.1504	83.87198	278.07
Si	-45.7383	40.7666	-57.109	83.87273	280.65
Si	-10.9363	-58.6675	-57.109	83.87603	272.18
Si	-76.0684	28.3373	17.3058	83.88008	295.42
Si	46.2382	71.0967	-13.8446	83.89579	287.77
Si	-75.5684	30.8231	-15.5752	83.91246	294.17
Si	33.809	-73.5825	19.0363	83.92278	278.01
Si	68.6109	-48.724	5.1917	83.98522	285.71
Si	38.7807	-73.5825	5.1917	83.98603	286.05
Si	-35.7948	-73.5825	5.1917	83.98603	283.73
Si	-53.6957	-25.8515	57.109	83.99366	275.77
Si	-66.125	48.2241	-17.3058	83.99687	280.3
Si	10.9363	-80.5401	15.5752	84.03086	285.4
Si	-68.6109	-40.7666	-19.0363	84.04035	292.44
Si	58.1675	-41.2665	44.995	84.05309	275.12
Si	58.1675	-41.2665	-44.995	84.05309	275.52
Si	46.2382	-43.2524	55.3784	84.08954	270.38
Si	80.5401	28.8373	8.6529	84.08956	293.02
Si	18.3939	-56.1816	58.8396	84.10758	271.58
Si	-38.7807	-40.7666	-60.5701	84.1223	284.68
Si	13.9222	30.8231	-77.8759	84.13918	284.86
Si	-63.1392	51.2099	-20.7669	84.14483	281.13
Si	-46.2382	-51.2099	-44.995	84.14505	284.65
Si	-51.2099	-46.2382	-44.995	84.14505	283.95
Si	28.3373	-31.3231	72.6842	84.14569	275.78
Si	73.5825	5.9646	-43.2644	84.19454	290.07
Si	0.993	-80.5401	-19.0363	84.21433	288.13
Si	38.2807	-46.2382	-58.8396	84.22406	274.4
Si	81.0401	1.4929	-27.6892	84.22855	293.61
Si	56.1816	16.408	-62.3007	84.22999	282.9
Si	-56.1816	43.2524	44.995	84.23034	270.08
Si	75.5684	28.8373	29.4198	84.26401	286.44
Si	23.8655	-43.7524	67.4924	84.27867	268.17
Si	-76.0684	-31.3231	-3.4611	84.28895	297.42
Si	23.8655	55.6816	60.5701	84.2953	290.19
Si	75.5684	-15.908	36.3421	84.32513	275.57
Si	-80.5401	5.9646	19.0363	84.33149	298.71
Si	-38.7807	-35.7948	64.0313	84.33468	277.58
Si	13.9222	70.5968	46.7255	84.33922	284.42
Si	66.125	36.2948	-41.5338	84.34179	275.45
Si	-61.1533	43.2524	-38.0727	84.36782	278.95
Si	53.6957	-48.724	-43.2644	84.3723	273.33
Si	-81.0401	-1.4929	17.3058	84.38069	303.63
Si	23.8655	-48.724	-64.0313	84.39361	270.54
Si	53.1958	68.1109	-3.4611	84.39862	281.76
Si	40.7666	-65.6251	-32.8809	84.42982	271.44
Si	13.4222	-76.0684	31.1504	84.42991	277.36
Si	-8.9505	-75.5684	-32.8809	84.43145	284.82
Si	65.6251	-20.8798	50.1867	84.45218	284.64
Si	-78.0543	-23.3656	-13.8446	84.483	301.86
Si	-36.2948	73.0826	-24.2281	84.49848	282.8
Si	63.6392	45.7383	-36.3421	84.5018	279.28
Si	-21.3797	-61.1533	51.9173	84.51688	267.17
Si	66.125	26.3514	48.4561	84.51773	277.06
Si	26.3514	66.125	48.4561	84.51773	284.91
Si	26.3514	66.125	-48.4561	84.51773	290.31
Si	5.9646	63.6392	57.109	84.51975	287.85

Si	-20.8798	70.5968	-43.2644	84.54398	272.92
Si	48.724	-68.6109	-1.7306	84.5477	280.65
Si	-46.2382	-66.125	17.3058	84.55724	281.49
Si	-66.125	-46.2382	17.3058	84.55724	290.69
Si	-53.6957	63.6392	15.5752	84.5608	274.83
Si	-18.3939	-78.0543	-20.7669	84.58432	290.2
Si	-38.7807	-20.8798	70.9536	84.59849	282.51
Si	25.8515	-20.8798	77.8759	84.60807	281.87
Si	-70.5968	-23.8655	-36.3421	84.62102	292.09
Si	-26.3514	8.4505	79.6064	84.6221	284.9
Si	-51.2099	-6.4646	65.7618	84.64944	283.17
Si	3.9787	60.6534	60.5701	84.70466	286.78
Si	38.2807	63.1392	44.995	84.72399	287.29
Si	73.5825	45.7383	5.1917	84.74387	282.92
Si	45.7383	73.5825	-5.1917	84.74387	284.56
Si	13.9222	-18.8939	81.337	84.7692	289.95
Si	26.3514	-68.1109	-41.5338	84.78025	281.43
Si	-43.7524	58.6675	43.2644	84.78129	275.5
Si	46.2382	-18.3939	-69.223	84.79063	278.26
Si	-45.7383	30.8231	-64.0313	84.80005	286.67
Si	-30.8231	-43.7524	-64.0313	84.8025	288.71
Si	41.2665	71.0967	27.6892	84.81344	291.34
Si	41.2665	-68.1109	27.6892	84.81344	276.12
Si	11.4363	81.0401	-27.6892	84.81344	288.37
Si	-18.8939	-70.5968	-39.8032	84.83416	279.23
Si	53.1958	-41.2665	-51.9173	84.83488	276
Si	-71.0967	23.3656	-38.0727	84.83626	282.06
Si	-71.0967	23.3656	38.0727	84.83626	287.51
Si	65.6251	53.6957	-19.0363	84.85548	280.07
Si	-18.8939	48.724	-67.4924	84.86241	292.26
Si	23.8655	10.9363	81.337	84.88478	288.1
Si	-41.2665	-71.0967	10.3835	84.88482	283.21
Si	-50.7099	-58.6675	-29.4198	84.9113	280.79
Si	-58.6675	-50.7099	29.4198	84.9113	280.9
Si	-63.6392	-35.7948	-39.8032	84.95208	289.45
Si	-30.8231	-8.9505	-77.8759	84.95906	282.98
Si	28.3373	-11.4363	79.6064	84.99984	281.04
Si	-50.7099	-38.7807	53.6478	85.00109	272.85
Si	-20.8798	-8.9505	81.337	85.00182	286.04
Si	18.8939	30.8231	-77.8759	85.01593	283.1
Si	61.1533	51.2099	-34.6115	85.02411	278.56
Si	-65.6251	15.908	-50.1867	85.03715	288.79
Si	-33.309	16.408	-76.1453	85.03963	288.27
Si	-43.7524	13.9222	70.9536	85.06485	282.41
Si	30.8231	68.6109	43.2644	85.06991	283.87
Si	80.5401	28.8373	15.5752	85.08095	294.1
Si	75.5684	38.7807	-19.0363	85.08787	289.84
Si	33.809	55.6816	-57.109	85.10101	277.48
Si	-23.3656	-58.1675	55.3784	85.11214	269.42
Si	-25.8515	-58.6675	53.6478	85.11798	269.53
Si	55.6816	53.6957	-39.8032	85.12259	274.49
Si	-0.993	35.7948	-77.8759	85.13198	286.5
Si	-68.1109	-33.309	34.6115	85.16934	278.44
Si	-26.3514	13.4222	79.6064	85.17511	284.67
Si	-23.8655	-75.5684	-25.9586	85.17836	287.13
Si	35.7948	33.809	70.9536	85.17841	283.42
Si	23.8655	-63.6392	-50.1867	85.21397	276.71
Si	8.9505	25.8515	81.337	85.233	289.34
Si	-78.0543	-28.3373	-6.9223	85.23801	299.42
Si	3.4788	63.1392	58.8396	85.24261	286.85
Si	-3.4788	66.125	55.3784	85.25722	293.04
Si	-53.1958	36.2948	55.3784	85.25722	269.94

Si	36.2948	-53.1958	55.3784	85.25722	271.38
Si	-48.724	-65.6251	15.5752	85.25929	280.79
Si	50.7099	-25.8515	64.0313	85.2645	269.81
Si	-48.724	-45.7383	50.1867	85.27148	275.88
Si	-45.7383	-48.724	-50.1867	85.27148	286.72
Si	63.1392	-1.4929	-58.8396	85.27177	284.26
Si	18.3939	-76.0684	-31.1504	85.27453	281.46
Si	-63.6392	13.9222	-53.6478	85.2922	289.54
Si	75.5684	-40.7666	1.7306	85.29973	286.3
Si	71.0967	-43.2524	-20.7669	85.31175	288.59
Si	-78.5542	3.9787	29.4198	85.31852	296.23
Si	18.3939	53.1958	-65.7618	85.34316	286.97
Si	-33.809	-20.8798	-74.4147	85.34816	278.93
Si	-33.809	23.8655	-74.4147	85.34816	288.18
Si	-58.1675	-43.2524	41.5338	85.36136	281.89
Si	76.0684	1.4929	-41.5338	85.36137	292.62
Si	51.2099	-3.4788	69.223	85.37167	274.93
Si	-75.5684	-3.9787	-36.3421	85.37645	295.7
Si	11.4363	-68.1109	-48.4561	85.3906	281.21
Si	-33.809	-60.6534	-46.7255	85.39117	286.07
Si	13.4222	73.0826	-44.995	85.39285	281
Si	13.4222	73.0826	44.995	85.39285	283.05
Si	65.6251	18.8939	-53.6478	85.40383	282.85
Si	-65.6251	-28.8373	-43.2644	85.4198	289.19
Si	3.4788	-71.0967	-44.995	85.42681	280
Si	75.5684	-40.7666	-5.1917	85.44005	285.8
Si	53.6957	5.9646	67.4924	85.44215	280.31
Si	23.3656	-81.0401	3.4611	85.45227	291.04
Si	23.3656	-81.0401	-3.4611	85.45227	286.14
Si	-71.0967	-1.4929	44.995	85.4559	282.56
Si	31.3231	-23.3656	-76.1453	85.47451	276.35
Si	75.5684	-20.8798	36.3421	85.48959	276.63
Si	-33.809	-70.5968	29.4198	85.49072	289.32
Si	58.1675	63.1392	17.3058	85.50886	269.01
Si	58.1675	63.1392	-17.3058	85.50886	280.01
Si	-36.2948	68.1109	38.0727	85.53008	270.9
Si	-71.0967	-31.3231	-31.1504	85.53645	294.87
Si	-51.2099	-31.3231	58.8396	85.53694	274.93
Si	-13.4222	81.0401	27.6892	85.53893	285.06
Si	56.1816	-58.1675	-27.6892	85.53893	269.03
Si	28.3373	-66.125	44.995	85.5415	269.76
Si	-70.5968	-43.7524	-8.6529	85.55071	298.31
Si	80.5401	33.809	-5.1917	85.55553	288.56
Si	-46.2382	28.3373	-65.7618	85.57745	286.42
Si	0.993	-40.7666	-74.4147	85.5784	271.31
Si	28.8373	40.7666	-70.9536	85.58355	279.95
Si	73.5825	-38.7807	-22.4975	85.58629	291.11
Si	63.1392	-6.4646	-58.8396	85.59019	283.28
Si	40.7666	-55.6816	50.1867	85.61572	270.22
Si	-55.6816	40.7666	-50.1867	85.61572	270.82
Si	58.6675	40.7666	-50.1867	85.61572	270.97
Si	-38.2807	-73.0826	13.8446	85.6453	283.91
Si	-38.2807	-73.0826	-13.8446	85.6453	287.18
Si	-63.6392	-45.7383	29.4198	85.66498	283.84
Si	23.3656	-21.3797	-79.6064	85.66655	278.75
Si	-15.908	55.6816	-64.0313	85.66923	290.18
Si	65.6251	33.809	-46.7255	85.67692	274.54
Si	-61.1533	28.3373	51.9173	85.67712	271.66
Si	46.2382	-53.1958	48.4561	85.67957	268.96
Si	8.4505	-71.0967	44.995	85.68666	276.22
Si	-40.7666	5.9646	74.4147	85.6937	282.57
Si	28.3373	18.3939	-79.6064	85.69395	285.09

Si	-13.9222	33.809	77.8759	85.71232	282.83
Si	-26.3514	73.0826	-38.0727	85.73166	274.88
Si	-53.6957	33.809	57.109	85.74117	270.08
Si	-3.9787	-40.7666	-74.4147	85.75169	268.95
Si	33.309	3.4788	-79.6064	85.75194	283.76
Si	-25.8515	80.5401	19.0363	85.78207	287.69
Si	-63.1392	-53.1958	13.8446	85.78948	288.62
Si	-13.9222	-60.6534	57.109	85.79752	269.15
Si	-48.2241	-8.4505	69.223	85.80487	283.77
Si	75.5684	3.9787	43.2644	85.82058	279.08
Si	80.5401	-30.8231	8.6529	85.83512	296.74
Si	-25.8515	-48.724	-64.0313	85.84555	285.35
Si	-66.125	-41.2665	31.1504	85.85389	282.53
Si	73.5825	25.8515	39.8032	85.87522	279.53
Si	38.2807	-56.1816	-51.9173	85.87835	278.22
Si	-23.3656	81.0401	-20.7669	85.88927	287.02
Si	76.0684	26.3514	-34.6115	85.89184	285.87
Si	30.8231	-70.5968	36.3421	85.89487	273.21
Si	65.6251	3.9787	57.109	85.91011	279.38
Si	75.5684	-35.7948	22.4975	85.92846	287.12
Si	-51.2099	18.3939	65.7618	85.9526	282.05
Si	60.6534	63.6392	-5.1917	85.9597	275.84
Si	3.4788	-61.1533	58.8396	85.9685	270.55
Si	58.6675	-33.809	53.6478	85.98394	276.73
Si	-41.2665	18.3939	-72.6842	86.00579	287.17
Si	78.5542	25.8515	-29.4198	86.00764	285.71
Si	33.309	8.4505	-79.6064	86.01081	283.5
Si	63.1392	13.4222	58.8396	86.05038	278.83
Si	-25.8515	25.8515	-77.8759	86.0564	289.05
Si	45.7383	58.6675	-46.7255	86.08051	273.88
Si	-23.3656	46.2382	69.223	86.09245	283.35
Si	33.309	-6.4646	79.6064	86.09746	280.37
Si	33.309	-6.4646	-79.6064	86.09746	281.47
Si	68.6109	-3.9787	53.6478	86.0979	276.54
Si	-70.5968	40.7666	25.9586	86.09988	281.09
Si	-78.5542	-20.8798	22.4975	86.10585	294.19
Si	66.125	-48.2241	27.6892	86.11493	275.58
Si	-48.2241	-63.1392	27.6892	86.11493	280.55
Si	-43.7524	-65.6251	29.4198	86.12477	281.11
Si	-31.3231	3.4788	79.6064	86.12793	286.96
Si	-1.4929	-31.3231	79.6064	86.15679	274.4
Si	-56.1816	63.1392	-17.3058	86.17484	273.15
Si	-78.5542	-10.9363	29.4198	86.18327	290.79
Si	48.724	-23.8655	67.4924	86.19199	269.42
Si	-5.9646	65.6251	-57.109	86.19734	285.04
Si	-48.724	53.6957	-46.7255	86.19834	270.68
Si	-48.724	-50.7099	-46.7255	86.19834	282.92
Si	-58.6675	-45.7383	-39.8032	86.22265	282.79
Si	-61.1533	8.4505	-58.8396	86.22672	290
Si	13.4222	-71.0967	-44.995	86.23285	282.41
Si	-65.6251	-18.8939	-50.1867	86.25045	286.75
Si	28.3373	-71.0967	-38.0727	86.25195	280.31
Si	15.908	-80.5401	22.4975	86.27488	281.08
Si	55.6816	68.6109	1.7306	86.27999	281.09
Si	-23.8655	-75.5684	29.4198	86.29615	284.28
Si	-38.7807	68.6109	36.3421	86.29905	270.19
Si	13.9222	70.5968	-50.1867	86.30488	279.12
Si	-36.2948	-56.1816	51.9173	86.31141	269.32
Si	78.0543	13.4222	-38.0727	86.33357	290.75
Si	-16.408	68.1109	-51.9173	86.3354	274.92
Si	0.993	-35.7948	77.8759	86.34395	274.04
Si	-76.0684	-36.2948	-3.4611	86.34609	297.3

Si	33.309	78.0543	24.2281	86.37657	281.34
Si	78.0543	33.309	-24.2281	86.37657	289.09
Si	33.309	78.0543	-24.2281	86.37657	290.06
Si	18.8939	-38.7807	74.4147	86.38463	269.28
Si	61.1533	6.4646	-62.3007	86.40288	282.28
Si	66.125	-13.4222	-55.3784	86.40912	284.52
Si	-70.5968	10.9363	46.7255	86.42553	280.94
Si	-63.6392	-30.8231	-46.7255	86.42792	288.55
Si	68.6109	10.9363	53.6478	86.44124	278.21
Si	-1.4929	-76.0684	38.0727	86.45345	281.28
Si	38.7807	5.9646	-77.8759	86.45822	284.23
Si	-6.4646	-31.3231	-79.6064	86.47195	278.54
Si	11.4363	-38.2807	-76.1453	86.48073	274.84
Si	40.7666	-75.5684	1.7306	86.50934	286.83
Si	-63.1392	-38.2807	-41.5338	86.51187	290.36
Si	-58.6675	-60.6534	1.7306	86.51254	307.14
Si	70.5968	53.6957	1.7306	86.62261	280.67
Si	63.6392	60.6534	12.114	86.65371	269.13
Si	25.8515	-15.908	-81.337	86.67089	279.81
Si	8.4505	-76.0684	38.0727	86.68155	276.97
Si	-76.0684	8.4505	-38.0727	86.68155	289.97
Si	-46.2382	58.1675	44.995	86.68803	271.44
Si	8.4505	48.2241	-72.6842	86.69025	282.7
Si	-58.1675	-28.3373	-55.3784	86.6947	294.82
Si	68.6109	55.6816	-8.6529	86.69552	280.04
Si	33.309	-11.4363	-79.6064	86.69842	281.63
Si	-30.8231	-18.8939	-77.8759	86.74444	279.42
Si	-6.4646	-76.0684	38.0727	86.76754	281.03
Si	65.6251	-55.6816	-12.114	86.76757	278.93
Si	13.4222	-61.1533	58.8396	86.76951	269.8
Si	15.908	-40.7666	-74.4147	86.78254	272.99
Si	-33.809	-25.8515	-74.4147	86.78414	280.23
Si	-20.8798	-18.8939	81.337	86.78632	284.74
Si	-35.7948	-43.7524	-64.0313	86.81885	286.91
Si	-18.8939	-60.6534	57.109	86.82863	268.52
Si	3.4788	58.1675	65.7618	86.83648	284.88
Si	-48.2241	-43.2524	55.3784	86.83714	274.44
Si	-81.0401	13.4222	-24.2281	86.83895	296.7
Si	-81.0401	13.4222	24.2281	86.83895	298.51
Si	81.0401	6.4646	-34.6115	86.89322	291.13
Si	6.4646	-78.0543	34.6115	86.89322	279.84
Si	-66.125	18.3939	-51.9173	86.90929	288.34
Si	-63.6392	8.9505	57.109	86.94385	278.31
Si	76.0684	-43.2524	0	86.96924	285.37
Si	-43.2524	76.0684	0	86.96924	281.35
Si	-35.7948	-8.9505	-77.8759	86.97178	282.7
Si	-33.309	51.2099	62.3007	86.97315	283.51
Si	36.2948	-48.2241	-62.3007	86.97315	273.44
Si	36.2948	-48.2241	62.3007	86.97315	267.27
Si	-30.8231	50.7099	-64.0313	86.98649	288.03
Si	-48.724	23.8655	-67.4924	87.04886	286.39
Si	-11.4363	-31.3231	-79.6064	87.07032	279.29
Si	63.1392	-16.408	-58.8396	87.07928	282.67
Si	-38.2807	36.2948	-69.223	87.09153	284.89
Si	36.2948	-38.2807	-69.223	87.09153	271.16
Si	81.0401	-33.309	6.9223	87.10251	297.18
Si	-78.0543	36.2948	-6.9223	87.10252	289.73
Si	-68.6109	-10.9363	50.1867	87.10755	279.05
Si	15.908	-70.5968	-46.7255	87.10907	280.8
Si	-68.1109	-18.3939	48.4561	87.11009	280.72
Si	23.3656	-81.0401	-17.3058	87.11831	285.77
Si	3.9787	-43.7524	74.4147	87.12557	270.79

Si	-80.5401	30.8231	-1.7306	87.13598	290.74
Si	58.1675	63.1392	24.2281	87.17382	267.85
Si	-6.4646	58.1675	-65.7618	87.17771	288.21
Si	16.408	41.2665	76.1453	87.19235	280.25
Si	-38.2807	16.408	-76.1453	87.19235	286.89
Si	33.309	-66.125	44.995	87.22953	272.25
Si	71.0967	46.2382	-27.6892	87.2555	283.51
Si	33.309	-76.0684	-24.2281	87.26408	283.02
Si	-65.6251	-13.9222	53.6478	87.29566	278.83
Si	-46.2382	-6.4646	-72.6842	87.31876	292.59
Si	78.5542	40.7666	12.114	87.33625	282.76
Si	-75.5684	40.7666	12.114	87.33625	282.68
Si	78.0543	-16.408	-38.0727	87.35914	289.73
Si	20.8798	-75.5684	36.3421	87.37876	279.74
Si	33.309	18.3939	79.6064	87.37903	288.62
Si	-38.7807	-75.5684	8.6529	87.3801	283.83
Si	-63.6392	53.6957	-25.9586	87.41379	282.67
Si	50.7099	73.5825	-5.1917	87.44249	283.1
Si	-78.0543	-28.3373	20.7669	87.45778	294.94
Si	-61.1533	-46.2382	38.0727	87.4776	281.54
Si	-21.3797	68.1109	-51.9173	87.50151	275.5
Si	8.9505	-53.6957	67.4924	87.50217	266.18
Si	58.6675	-48.724	-43.2644	87.53558	273.89
Si	68.6109	-23.8655	-50.1867	87.55897	278.85
Si	-35.7948	-33.809	-70.9536	87.58429	283.88
Si	-61.1533	-51.2099	-31.1504	87.59267	286.2
Si	30.8231	-25.8515	77.8759	87.59354	277.63
Si	-66.125	-31.3231	44.995	87.59918	275.56
Si	-18.8939	78.5542	36.3421	87.60604	284.99
Si	-18.8939	-45.7383	70.9536	87.64024	277.42
Si	-18.8939	48.724	70.9536	87.64024	284.19
Si	76.0684	-18.3939	41.5338	87.64729	277.76
Si	68.6109	55.6816	-15.5752	87.65744	279.08
Si	25.8515	-80.5401	-19.0363	87.66494	286.41
Si	53.6957	30.8231	-64.0313	87.66644	271.85
Si	55.6816	-45.7383	50.1867	87.66929	275.19
Si	33.309	58.1675	58.8396	87.67193	285.21
Si	-33.809	-75.5684	22.4975	87.69725	286.25
Si	70.5968	33.809	43.2644	87.70106	270.11
Si	38.7807	-13.9222	-77.8759	87.70776	280.32
Si	43.2524	-61.1533	-44.995	87.70945	267.12
Si	-70.5968	35.7948	-36.3421	87.7171	278.91
Si	-40.7666	20.8798	74.4147	87.74545	284.01
Si	20.8798	-40.7666	-74.4147	87.74545	271.8
Si	68.6109	-48.724	25.9586	87.752	275.95
Si	-25.8515	-73.5825	-36.3421	87.7769	278.21
Si	43.7524	-53.6957	53.6478	87.80511	270.66
Si	-48.724	-10.9363	70.9536	87.81024	284.28
Si	26.3514	-78.0543	-27.6892	87.82025	282.06
Si	68.1109	-41.2665	-38.0727	87.83992	277.34
Si	-60.6534	25.8515	-57.109	87.84606	281.9
Si	58.1675	-61.1533	24.2281	87.88376	276.26
Si	3.9787	-58.6675	-64.0313	87.89454	271.43
Si	-78.0543	36.2948	-13.8446	87.92385	289.08
Si	28.8373	-28.8373	-77.8759	87.9334	276.48
Si	-78.5542	-0.993	36.3421	87.94585	295.75
Si	-70.5968	5.9646	-50.1867	87.95236	287.71
Si	66.125	36.2948	-48.4561	87.95723	272.81
Si	-63.1392	-58.1675	0	87.95835	305.57
Si	43.7524	-18.8939	74.4147	87.97177	271.7
Si	43.7524	-28.8373	-70.9536	87.97835	271.9
Si	-23.3656	16.408	83.0676	87.98086	284.51

Si	-35.7948	75.5684	-29.4198	87.99481	279.87
Si	-45.7383	75.5684	5.1917	88.00524	281.14
Si	71.0967	51.2099	-20.7669	88.02121	281.83
Si	51.2099	71.0967	-20.7669	88.02121	280.84
Si	71.0967	-48.2241	20.7669	88.02121	273.82
Si	61.1533	-53.1958	-34.6115	88.02371	269.01
Si	81.0401	16.408	34.6115	88.02371	286.35
Si	-46.2382	-51.2099	-51.9173	88.04115	285.18
Si	33.809	-23.8655	-77.8759	88.04561	275.84
Si	58.6675	-63.6392	-15.5752	88.05509	276.87
Si	-55.6816	-63.6392	-15.5752	88.05509	287.9
Si	-6.4646	38.2807	-79.6064	88.05595	287.56
Si	51.2099	-58.1675	41.5338	88.06929	276.08
Si	51.2099	61.1533	-41.5338	88.06929	272.32
Si	-48.2241	61.1533	41.5338	88.06929	270.27
Si	61.1533	-48.2241	41.5338	88.06929	275.96
Si	20.8798	-65.6251	-53.6478	88.08381	277.45
Si	-13.9222	78.5542	-39.8032	88.09297	278.72
Si	-76.0684	-26.3514	-31.1504	88.09884	294.64
Si	60.6534	-35.7948	-53.6478	88.13866	281.8
Si	3.4788	-36.2948	79.6064	88.14216	271.34
Si	-78.5542	23.8655	29.4198	88.16805	288.55
Si	30.8231	18.8939	-81.337	88.19732	286.15
Si	8.9505	-78.5542	-36.3421	88.22646	284.43
Si	-63.1392	61.1533	-6.9223	88.23032	273.86
Si	-81.0401	3.4788	31.1504	88.23822	295.65
Si	65.6251	3.9787	-60.5701	88.24881	283.42
Si	-75.5684	35.7948	25.9586	88.25489	284.54
Si	23.3656	78.0543	38.0727	88.25866	274.43
Si	50.7099	-65.6251	29.4198	88.27605	273.78
Si	-53.6957	68.6109	15.5752	88.27907	275.31
Si	-45.7383	-63.6392	-36.3421	88.282	278.29
Si	-41.2665	78.0543	-10.3835	88.30533	281.47
Si	58.6675	30.8231	60.5701	88.30591	277.89
Si	68.1109	-51.2099	24.2281	88.332	272.2
Si	56.1816	-3.4788	69.223	88.35947	274.58
Si	56.1816	-3.4788	-69.223	88.35947	281.72
Si	-23.3656	-68.1109	48.4561	88.37776	271.27
Si	56.1816	-48.2241	48.4561	88.37776	274.11
Si	-35.7948	-63.6392	46.7255	88.40721	270.78
Si	73.0826	3.4788	51.9173	88.45581	277.9
Si	-70.5968	-8.9505	-50.1867	88.45725	281.24
Si	-43.2524	6.4646	76.1453	88.45884	281.47
Si	46.2382	-3.4788	76.1453	88.45884	275.04
Si	-0.993	-73.5825	46.7255	88.46342	277.83
Si	-36.2948	-6.4646	79.6064	88.47835	283.53
Si	23.8655	80.5401	32.8809	88.48818	275.05
Si	-35.7948	20.8798	-77.8759	88.49225	289.18
Si	-66.125	53.1958	24.2281	88.50067	278.17
Si	-18.3939	-58.1675	-62.3007	88.52246	274.7
Si	-58.1675	-18.3939	62.3007	88.52246	274.24
Si	61.1533	21.3797	-62.3007	88.52246	279.6
Si	21.3797	-58.1675	62.3007	88.52246	270.05
Si	-56.1816	-61.1533	24.2281	88.53187	280.8
Si	-28.8373	18.8939	-81.337	88.53486	287.08
Si	-38.7807	13.9222	77.8759	88.54997	284.05
Si	-6.4646	-81.0401	-31.1504	88.57405	283.91
Si	-48.2241	-63.1392	34.6115	88.58355	279.92
Si	10.9363	-50.7099	70.9536	88.59304	267.27
Si	28.3373	68.1109	-51.9173	88.62269	289.69
Si	-3.9787	-55.6816	-67.4924	88.62333	268.1
Si	10.9363	68.6109	57.109	88.63089	283.13

Si	-45.7383	45.7383	60.5701	88.6407	267.41
Si	-25.8515	80.5401	-29.4198	88.66625	282.34
Si	70.5968	53.6957	-19.0363	88.67279	281.42
Si	-70.5968	-48.724	12.114	88.68715	284.35
Si	73.0826	8.4505	-51.9173	88.70679	283.96
Si	-21.3797	33.309	79.6064	88.72771	282.56
Si	38.7807	-78.5542	-8.6529	88.72877	286.9
Si	-5.9646	-73.5825	46.7255	88.74239	275.5
Si	-65.6251	-8.9505	-57.109	88.74298	279.69
Si	68.6109	-8.9505	-57.109	88.74299	284.76
Si	78.0543	-36.2948	-24.2281	88.74998	289.44
Si	50.7099	-40.7666	-60.5701	88.75201	273.66
Si	-8.9505	-45.7383	-74.4147	88.7547	267.38
Si	-80.5401	-23.8655	-22.4975	88.76153	295.72
Si	53.1958	43.2524	-58.8396	88.76451	266.47
Si	30.8231	-75.5684	-32.8809	88.76863	279.8
Si	-50.7099	-68.6109	-15.5752	88.7821	287.34
Si	56.1816	-68.1109	6.9223	88.78886	275.44
Si	-53.1958	71.0967	-6.9223	88.78886	278.73
Si	73.0826	-6.4646	-51.9173	88.79081	282.93
Si	-35.7948	-58.6675	53.6478	88.81291	273.07
Si	80.5401	8.9505	-39.8032	88.81655	289.99
Si	-28.3373	-8.4505	83.0676	88.8197	285.29
Si	-68.6109	-35.7948	-39.8032	88.82122	288.79
Si	20.8798	-75.5684	-39.8032	88.87406	280.01
Si	78.5542	45.7383	-1.7306	88.87687	278.34
Si	-33.309	31.3231	-76.1453	88.87699	285.7
Si	-23.8655	78.5542	36.3421	88.8946	285.78
Si	-26.3514	68.1109	-51.9173	88.93067	276.79
Si	68.1109	-26.3514	-51.9173	88.93067	282.59
Si	78.0543	-31.3231	-31.1504	88.93191	289.65
Si	-31.3231	78.0543	31.1504	88.93191	286.26
Si	61.1533	46.2382	-48.4561	88.93536	269.36
Si	81.0401	41.2665	0	88.93647	279.81
Si	58.1675	53.1958	-44.995	88.93675	272.31
Si	41.2665	-73.0826	27.6892	88.93895	277.05
Si	-23.3656	-18.3939	83.0676	88.95873	285.79
Si	48.724	50.7099	-57.109	88.96367	267.65
Si	73.0826	-51.2099	3.4611	88.96432	284.25
Si	-51.2099	73.0826	-3.4611	88.96432	277.04
Si	68.6109	40.7666	-43.2644	88.98902	275.85
Si	-18.3939	81.0401	34.6115	89.00111	284.36
Si	-78.0543	-18.3939	-34.6115	89.00112	290.71
Si	-70.5968	15.908	-50.1867	89.01358	288.34
Si	-45.7383	65.6251	39.8032	89.03938	270.73
Si	66.125	61.1533	13.8446	89.04125	270.15
Si	-58.6675	-50.7099	-39.8032	89.04326	282.44
Si	-81.0401	33.309	10.3835	89.06052	291.06
Si	-81.0401	33.309	-10.3835	89.06052	288.47
Si	-68.6109	-20.8798	50.1867	89.07174	277.66
Si	-73.0826	6.4646	-48.4561	89.07422	284.98
Si	76.0684	-3.4788	48.4561	89.07423	277.89
Si	78.0543	8.4505	44.995	89.07639	278.5
Si	51.2099	-38.2807	62.3007	89.07916	267.71
Si	-48.2241	-38.2807	62.3007	89.07916	273.31
Si	-21.3797	-31.3231	-79.6064	89.09115	279.5
Si	48.2241	23.3656	72.6842	89.13588	277
Si	23.3656	48.2241	72.6842	89.13588	284.19
Si	-18.8939	-60.6534	-60.5701	89.14324	273.51
Si	8.4505	68.1109	-58.8396	89.15413	276.61
Si	41.2665	81.0401	6.9223	89.20546	284.95
Si	-38.2807	81.0401	6.9223	89.20546	283.33

Si	-78.0543	-38.2807	-6.9223	89.20547	296.09
Si	-45.7383	75.5684	-15.5752	89.22194	281.59
Si	63.6392	0.993	-64.0313	89.23234	285.85
Si	-25.8515	-73.5825	39.8032	89.26552	285.42
Si	-33.309	-78.0543	-20.7669	89.27595	283.3
Si	-33.309	76.0684	-34.6115	89.27841	278.77
Si	75.5684	-15.908	-46.7255	89.29308	282.88
Si	-61.1533	38.2807	-51.9173	89.29328	272.87
Si	-71.0967	-1.4929	51.9173	89.29483	281.96
Si	58.6675	-48.724	46.7255	89.29695	276.57
Si	-0.993	55.6816	-70.9536	89.31411	287.36
Si	5.9646	-60.6534	64.0313	89.34292	268.63
Si	-60.6534	-53.6957	32.8809	89.38176	281.84
Si	38.2807	38.2807	72.6842	89.38496	282.3
Si	-78.5542	3.9787	-39.8032	89.43166	290.84
Si	-73.5825	-30.8231	36.3421	89.45053	278.78
Si	53.1958	8.4505	-72.6842	89.46834	280.13
Si	36.2948	-43.2524	69.223	89.47144	264.39
Si	-43.2524	-33.309	-69.223	89.47144	273.2
Si	46.2382	-33.309	-69.223	89.47144	270.71
Si	-56.1816	-66.125	10.3835	89.47818	285.66
Si	-65.6251	60.6534	-1.7306	89.48616	273.91
Si	-73.0826	11.4363	-48.4561	89.4895	287.54
Si	11.4363	76.0684	-48.4561	89.48951	279.51
Si	11.4363	-68.1109	55.3784	89.50043	266.88
Si	-75.5684	-43.7524	5.1917	89.51278	292.66
Si	-73.5825	48.724	-12.114	89.52013	280.41
Si	8.9505	50.7099	74.4147	89.52924	280.08
Si	-10.9363	-33.809	81.337	89.53445	278.1
Si	15.908	-75.5684	43.2644	89.54359	273.99
Si	53.1958	-6.4646	72.6842	89.55165	276.82
Si	-43.2524	16.408	76.1453	89.56958	283.19
Si	38.7807	5.9646	81.337	89.58841	281.47
Si	71.0967	-53.1958	13.8446	89.59473	276.61
Si	56.1816	71.0967	-13.8446	89.59473	279.19
Si	33.809	65.6251	53.6478	89.64011	282.15
Si	60.6534	-60.6534	-25.9586	89.64355	270.97
Si	-71.0967	48.2241	24.2281	89.66635	280.27
Si	55.6816	-45.7383	-53.6478	89.69555	278.26
Si	38.7807	-38.7807	-70.9536	89.70366	269.25
Si	-65.6251	45.7383	39.8032	89.70377	268.79
Si	-61.1533	-36.2948	-51.9173	89.70985	288.62
Si	-43.2524	-53.1958	55.3784	89.77618	274.55
Si	-43.7524	-75.5684	8.6529	89.78005	282.19
Si	80.5401	43.7524	-5.1917	89.78465	279.62
Si	-11.4363	68.1109	58.8396	89.81768	285.98
Si	-41.2665	-71.0967	-31.1504	89.82183	275.44
Si	45.7383	-5.9646	77.8759	89.87723	274.13
Si	-3.9787	-80.5401	36.3421	89.88942	280.94
Si	-73.0826	51.2099	-6.9223	89.89551	279.71
Si	-73.0826	-48.2241	-6.9223	89.89551	296.58
Si	76.0684	51.2099	-6.9223	89.89552	278.86
Si	53.1958	68.1109	31.1504	89.89712	267.56
Si	-28.3373	-68.1109	-48.4561	89.90286	279.37
Si	-68.1109	-48.2241	-27.6892	89.9064	291.61
Si	-63.1392	-3.4788	-62.3007	89.90775	278.61
Si	-46.2382	-21.3797	-72.6842	89.91329	272.63
Si	70.5968	-5.9646	57.109	89.95773	277.16
Si	10.9363	38.7807	-81.337	89.9737	278.89
Si	53.1958	13.4222	-72.6842	89.99158	279.8
Si	-16.408	-81.0401	-31.1504	90.01379	283.53
Si	-31.3231	43.2524	72.6842	90.02073	281.06

Si	28.8373	75.5684	-43.2644	90.03725	278.56
Si	-71.0967	13.4222	51.9173	90.03865	280.01
Si	-63.6392	-60.6534	1.7306	90.04074	306.12
Si	68.6109	-48.724	32.8809	90.04287	273.11
Si	80.5401	43.7524	8.6529	90.0511	281.12
Si	-43.7524	73.5825	29.4198	90.05317	272.2
Si	73.5825	-43.7524	-29.4198	90.05317	286.46
Si	1.4929	36.2948	83.0676	90.0633	287.05
Si	58.6675	35.7948	60.5701	90.07937	279.05
Si	13.9222	50.7099	74.4147	90.07972	279.69
Si	-73.5825	-15.908	-46.7255	90.12431	283.11
Si	-11.4363	53.1958	72.6842	90.12957	281.73
Si	-26.3514	33.309	-79.6064	90.13743	285.07
Si	8.4505	43.2524	-79.6064	90.16347	279.39
Si	-71.0967	-11.4363	51.9173	90.17658	278.62
Si	-73.0826	16.408	48.4561	90.17738	280.03
Si	-73.0826	16.408	-48.4561	90.17738	287.54
Si	-13.4222	76.0684	-48.4561	90.17738	274.79
Si	-63.1392	-28.3373	55.3784	90.18823	270.99
Si	-13.4222	-68.1109	55.3784	90.18823	272.05
Si	28.3373	-31.3231	79.6064	90.19256	277.58
Si	75.5684	43.7524	29.4198	90.21403	281.6
Si	43.7524	75.5684	-29.4198	90.21403	277.22
Si	-80.5401	10.9363	-36.3421	90.21833	290.8
Si	-50.7099	30.8231	67.4924	90.22543	278.89
Si	-76.0684	-41.2665	-17.3058	90.24196	293.18
Si	-10.9363	-78.5542	39.8032	90.25702	278.84
Si	41.2665	71.0967	-41.5338	90.28668	274.21
Si	78.0543	-46.2382	-3.4611	90.2878	287.02
Si	-48.2241	-28.3373	-69.223	90.29643	273.24
Si	31.3231	51.2099	69.223	90.29643	282.35
Si	-50.7099	65.6251	-36.3421	90.32617	261.09
Si	-40.7666	60.6534	53.6478	90.35435	265.99
Si	-30.8231	-63.6392	53.6478	90.35817	271.27
Si	-33.809	-15.908	-81.337	90.35887	279.49
Si	-41.2665	-1.4929	79.6064	90.41277	283.89
Si	56.1816	21.3797	69.223	90.43319	271.63
Si	21.3797	56.1816	69.223	90.43319	282.09
Si	-75.5684	-28.8373	-36.3421	90.43847	292.2
Si	-28.8373	-75.5684	36.3421	90.43847	284.83
Si	-60.6534	-63.6392	-8.6529	90.439	290.49
Si	3.9787	-68.6109	-57.109	90.45524	272.61
Si	-76.0684	13.4222	-44.995	90.45778	288.13
Si	-8.9505	-70.5968	-53.6478	90.46586	269.51
Si	-18.3939	31.3231	83.0676	90.47404	283.39
Si	68.1109	-51.2099	-31.1504	90.47589	271.4
Si	28.3373	-76.0684	-38.0727	90.47599	278.46
Si	-55.6816	70.5968	12.114	90.50427	275.69
Si	-43.7524	-55.6816	-53.6478	90.52155	283.67
Si	58.6675	-43.7524	53.6478	90.52155	274.54
Si	-43.2524	-18.3939	-76.1453	90.53029	274.85
Si	-18.3939	46.2382	76.1453	90.53029	285.26
Si	-28.8373	53.6957	-67.4924	90.55541	289.25
Si	68.6109	-3.9787	60.5701	90.57318	277.74
Si	50.7099	-25.8515	70.9536	90.57838	267.34
Si	48.2241	-56.1816	51.9173	90.58451	271.96
Si	38.2807	-21.3797	79.6064	90.62938	272.22
Si	-63.6392	18.8939	-60.5701	90.62956	281.65
Si	-35.7948	15.908	81.337	90.63048	287.05
Si	65.6251	48.724	43.2644	90.63951	256.25
Si	-58.6675	53.6957	43.2644	90.64332	268.42
Si	13.4222	43.2524	79.6064	90.68269	279.14

Si	13.4222	43.2524	-79.6064	90.68269	277.38
Si	68.6109	-53.6957	25.9586	90.6888	273.21
Si	51.2099	76.0684	13.8446	90.69156	276.96
Si	76.0684	-48.2241	13.8446	90.69156	280.87
Si	60.6534	-60.6534	29.4198	90.70633	274.99
Si	-73.5825	-45.7383	-19.0363	90.71652	291.48
Si	-76.0684	-26.3514	38.0727	90.77769	278.86
Si	-75.5684	45.7383	19.0363	90.8762	278.72
Si	3.4788	-81.0401	-38.0727	90.91296	282.68
Si	65.6251	-5.9646	64.0313	90.93158	279.18
Si	68.6109	-33.809	-50.1867	90.93813	279.87
Si	31.3231	41.2665	76.1453	90.93892	278.74
Si	-48.2241	1.4929	-76.1453	90.93892	289.54
Si	41.2665	-28.3373	-76.1453	90.93892	270.56
Si	-35.7948	-58.6675	-57.109	90.94547	274.49
Si	78.0543	-41.2665	-24.2281	90.9781	289.39
Si	66.125	-13.4222	-62.3007	91.0008	284.82
Si	33.809	35.7948	-77.8759	91.02528	280.22
Si	-50.7099	-63.6392	-36.3421	91.03883	277.34
Si	-65.6251	-28.8373	53.6478	91.11984	271.67
Si	36.2948	81.0401	27.6892	91.13518	279.99
Si	13.4222	-41.2665	79.6064	91.14747	266.49
Si	13.9222	40.7666	81.337	91.17355	279.83
Si	30.8231	38.7807	77.8759	91.18822	275.83
Si	-58.1675	-58.1675	34.6115	91.19585	279.73
Si	-51.2099	-66.125	-31.1504	91.21464	275.54
Si	70.5968	-45.7383	36.3421	91.2517	273.97
Si	-43.2524	-78.0543	0	91.26829	283.45
Si	-73.0826	46.2382	27.6892	91.27069	280.06
Si	-43.2524	-73.0826	-27.6892	91.27069	275.36
Si	-68.6109	13.9222	57.109	91.27134	278.24
Si	-28.3373	-58.1675	-62.3007	91.27202	278.18
Si	80.5401	-20.8798	-39.8032	91.28691	288.73
Si	-78.5542	8.9505	43.2644	91.29604	282.6
Si	-26.3514	-46.2382	-72.6842	91.3047	277.15
Si	-46.2382	-26.3514	-72.6842	91.3047	273.64
Si	63.6392	65.6251	19.0363	91.30975	268.49
Si	-60.6534	20.8798	-64.0313	91.3127	281.96
Si	-33.809	-80.5401	-19.0363	91.31278	281.63
Si	-30.8231	70.5968	-50.1867	91.31469	275.27
Si	70.5968	-15.908	57.109	91.32125	279.57
Si	-78.0543	-38.2807	-20.7669	91.32887	292.51
Si	-73.0826	-38.2807	34.6115	91.33127	278.71
Si	-45.7383	-63.6392	-43.2644	91.34972	274.87
Si	58.1675	73.0826	3.4611	91.37327	280.01
Si	45.7383	-50.7099	-60.5701	91.3867	270.18
Si	25.8515	-50.7099	70.9536	91.39413	266.7
Si	51.2099	-43.2524	62.3007	91.40733	266.86
Si	-75.5684	-13.9222	46.7255	91.42948	279.71
Si	25.8515	48.724	-74.4147	91.44218	279.58
Si	23.3656	78.0543	-44.995	91.45824	278.6
Si	70.5968	-50.7099	29.4198	91.46587	273.06
Si	66.125	56.1816	-34.6115	91.46649	277.15
Si	-48.2241	11.4363	76.1453	91.48092	282.16
Si	-8.4505	-48.2241	-76.1453	91.48092	268.12
Si	-30.8231	80.5401	32.8809	91.50929	286.01
Si	38.7807	-28.8373	-77.8759	91.51473	272.66
Si	46.2382	-38.2807	-69.223	91.51997	270.95
Si	-70.5968	55.6816	-15.5752	91.52008	277.59
Si	81.0401	46.2382	6.9223	91.53042	279.94
Si	-78.0543	46.2382	-6.9223	91.53043	281.3
Si	-38.7807	-80.5401	-5.1917	91.53324	282.34

Si	68.6109	15.908	60.5701	91.54976	277.4
Si	-35.7948	45.7383	-70.9536	91.55565	284.93
Si	-60.6534	55.6816	39.8032	91.55803	268.56
Si	63.6392	55.6816	39.8032	91.55803	254.27
Si	-15.908	-53.6957	-70.9536	91.55867	265.97
Si	30.8231	-75.5684	-39.8032	91.55879	280.53
Si	55.6816	58.6675	-46.7255	91.58943	272.18
Si	55.6816	-40.7666	-60.5701	91.60252	272.64
Si	73.5825	-48.724	25.9586	91.61064	274.7
Si	-46.2382	-76.0684	10.3835	91.6615	281.71
Si	-63.1392	66.125	-6.9223	91.66534	273.43
Si	-68.1109	-58.1675	0	91.67362	305.04
Si	-58.1675	71.0967	0	91.67362	276.56
Si	-55.6816	70.5968	19.0363	91.68781	274.66
Si	31.3231	81.0401	-34.6115	91.73633	277.87
Si	-28.3373	-78.0543	34.6115	91.73634	285.21
Si	68.6109	-53.6957	-29.4198	91.73947	270.75
Si	-61.1533	-11.4363	65.7618	91.74057	272.74
Si	-48.724	48.724	-60.5701	91.76745	267.14
Si	48.2241	-51.2099	58.8396	91.77953	268.16
Si	48.724	55.6816	-57.109	91.80761	269.69
Si	-3.9787	43.7524	-81.337	91.82326	285.9
Si	-40.7666	-78.5542	-15.5752	91.84766	285.9
Si	41.2665	-53.1958	62.3007	91.94656	266.84
Si	36.2948	-63.1392	55.3784	91.95242	267.25
Si	66.125	36.2948	55.3784	91.95242	272.61
Si	23.8655	50.7099	74.4147	91.98046	285.74
Si	-73.0826	-48.2241	-20.7669	92.00299	292.72
Si	-41.2665	38.2807	-72.6842	92.00377	282.26
Si	-26.3514	38.2807	-79.6064	92.00997	281.92
Si	40.7666	-35.7948	-74.4147	92.03449	269.11
Si	-78.5542	38.7807	-25.9586	92.04223	285.27
Si	-48.2241	-33.309	-69.223	92.05855	273.26
Si	36.2948	51.2099	-69.223	92.05855	277.39
Si	36.2948	51.2099	69.223	92.05855	281.33
Si	-48.2241	36.2948	-69.223	92.05855	276
Si	73.5825	45.7383	-36.3421	92.06148	278.18
Si	-58.6675	-15.908	-67.4924	92.07219	275.39
Si	33.309	48.2241	72.6842	92.08178	281.25
Si	-21.3797	53.1958	72.6842	92.08329	281.9
Si	58.6675	40.7666	60.5701	92.0874	278.23
Si	40.7666	58.6675	-60.5701	92.0874	270.57
Si	41.2665	1.4929	83.0676	92.09867	283.41
Si	-70.5968	50.7099	-29.4198	92.11276	278.57
Si	-36.2948	28.3373	79.6064	92.11796	282.7
Si	80.5401	-5.9646	-46.7255	92.12685	284.32
Si	51.2099	-13.4222	76.1453	92.15393	273.18
Si	58.1675	-71.0967	-3.4611	92.15878	275.99
Si	58.6675	-53.6957	46.7255	92.18455	272.75
Si	-81.0401	28.3373	31.1504	92.20988	285.95
Si	-73.5825	-40.7666	-32.8809	92.21355	290.01
Si	66.125	61.1533	-27.6892	92.21368	278.62
Si	-33.309	-18.3939	83.0676	92.23277	279.06
Si	-66.125	-61.1533	3.4611	92.24265	302.95
Si	68.6109	60.6534	-22.4975	92.25462	278.15
Si	15.908	58.6675	70.9536	92.25582	280.33
Si	18.8939	65.6251	-64.0313	92.28071	271.5
Si	-76.0684	23.3656	-44.995	92.2969	281.9
Si	23.3656	-76.0684	44.995	92.2969	270.03
Si	-43.2524	66.125	48.4561	92.34416	268.42
Si	66.125	-43.2524	-48.4561	92.34416	278.02
Si	-48.2241	-53.1958	55.3784	92.35476	275.17

Si	-23.3656	71.0967	-55.3784	92.35476	274.22
Si	51.2099	56.1816	55.3784	92.35476	268.53
Si	-48.2241	56.1816	-55.3784	92.35476	266.74
Si	-68.1109	26.3514	-55.3784	92.35476	283.01
Si	23.3656	-51.2099	72.6842	92.40663	265.54
Si	45.7383	33.809	-74.4147	92.40958	278.78
Si	43.7524	80.5401	-22.4975	92.41464	276.69
Si	-63.1392	-63.1392	13.8446	92.44615	288.14
Si	10.9363	-75.5684	50.1867	92.44638	276.73
Si	53.1958	78.0543	3.4611	92.44901	280.01
Si	33.309	58.1675	-65.7618	92.46024	275.43
Si	20.8798	68.6109	-60.5701	92.46303	270.77
Si	56.1816	76.0684	0	92.47897	279.41
Si	-73.5825	33.809	43.2644	92.47949	271.45
Si	-38.7807	58.6675	-60.5701	92.51826	275.25
Si	-8.9505	-75.5684	50.1867	92.55386	277.66
Si	50.7099	-55.6816	-53.6478	92.57071	266.42
Si	-73.5825	8.9505	-53.6478	92.57444	287.88
Si	-58.1675	-13.4222	-69.223	92.59399	277.07
Si	73.5825	30.8231	-50.1867	92.60606	277.01
Si	-43.7524	58.6675	57.109	92.61477	267.03
Si	-78.5542	-15.908	43.2644	92.63987	280.74
Si	-45.7383	70.5968	39.8032	92.68453	270.78
Si	41.2665	-33.309	76.1453	92.68883	272.3
Si	41.2665	36.2948	-76.1453	92.68883	280.53
Si	-63.6392	58.6675	-32.8809	92.69449	278.71
Si	-76.0684	-46.2382	17.3058	92.70115	282.81
Si	76.0684	-53.1958	6.9223	92.73769	285.86
Si	56.1816	-68.1109	-27.6892	92.74823	269.03
Si	-73.5825	53.6957	15.5752	92.758	279
Si	43.2524	-21.3797	79.6064	92.75882	271.7
Si	-21.3797	43.2524	-79.6064	92.75882	280.22
Si	-66.125	-61.1533	-10.3835	92.76068	290.24
Si	0.993	68.6109	64.0313	92.76354	282
Si	78.0543	8.4505	51.9173	92.76561	278.2
Si	-33.809	-55.6816	64.0313	92.81785	264.96
Si	58.1675	68.1109	31.1504	92.84564	267.86
Si	38.2807	-66.125	-51.9173	92.84893	263.62
Si	46.2382	61.1533	-55.3784	92.88849	269.42
Si	68.6109	-33.809	53.6478	92.89311	267.61
Si	-33.809	68.6109	-53.6478	92.89311	274.81
Si	35.7948	-35.7948	77.8759	92.90668	270.76
Si	-70.5968	-28.8373	-50.1867	92.9276	282.87
Si	73.0826	58.1675	-17.3058	92.93323	280.19
Si	70.5968	63.6392	1.7306	92.95426	274.16
Si	50.7099	-10.9363	77.8759	92.95943	273.09
Si	13.9222	50.7099	-77.8759	92.95943	277.75
Si	-5.9646	-48.724	-77.8759	92.9624	267.99
Si	25.8515	-80.5401	36.3421	92.97046	275.65
Si	65.6251	68.6109	-5.1917	92.97692	277.22
Si	-60.6534	65.6251	25.9586	92.99967	272.58
Si	73.0826	-6.4646	-58.8396	93.00806	285
Si	78.0543	-51.2099	3.4611	93.0119	287.3
Si	40.7666	33.809	77.8759	93.01289	281.78
Si	-58.1675	-33.309	62.3007	93.01566	272.47
Si	-3.4788	76.0684	55.3784	93.02146	278.92
Si	23.8655	40.7666	81.337	93.05195	278.4
Si	-75.5684	-43.7524	25.9586	93.05608	279
Si	-61.1533	68.1109	-17.3058	93.06983	273.68
Si	8.4505	-46.2382	79.6064	93.07982	265.99
Si	21.3797	51.2099	76.1453	93.08798	283.16
Si	75.5684	18.8939	-53.6478	93.10246	276.43

Si	20.8798	48.724	77.8759	93.11972	280.15
Si	-78.0543	1.4929	48.4561	93.14372	281.79
Si	-38.2807	-78.0543	-27.6892	93.14714	277.18
Si	41.2665	-78.0543	27.6892	93.14714	276.15
Si	-23.3656	66.125	62.3007	93.14843	270.19
Si	28.3373	53.1958	72.6842	93.14933	285.03
Si	-28.8373	-50.7099	70.9536	93.16365	265.35
Si	31.3231	-28.3373	83.0676	93.16602	276.62
Si	73.5825	-38.7807	-43.2644	93.22383	277.91
Si	-66.125	-36.2948	51.9173	93.24962	270.85
Si	-70.5968	60.6534	-1.7306	93.27311	274.8
Si	-33.809	38.7807	77.8759	93.28048	283.34
Si	38.2807	33.309	79.6064	93.28876	282.82
Si	65.6251	53.6957	43.2644	93.32672	255.48
Si	53.6957	65.6251	-43.2644	93.32672	269.96
Si	-40.7666	30.8231	-77.8759	93.33154	283.48
Si	-55.6816	70.5968	25.9586	93.37089	273.61
Si	-36.2948	-71.0967	44.995	93.39007	272.53
Si	80.5401	-45.7383	15.5752	93.39077	282.98
Si	50.7099	78.5542	-19.0363	93.39781	275.18
Si	1.4929	71.0967	62.3007	93.41342	279.87
Si	45.7383	13.9222	-81.337	93.42295	279.51
Si	-58.6675	48.724	-53.6478	93.4245	264
Si	-80.5401	-18.8939	39.8032	93.43092	278.61
Si	26.3514	-33.309	83.0676	93.43096	277.18
Si	53.1958	-26.3514	-72.6842	93.44239	267.63
Si	68.1109	-56.1816	-31.1504	93.45935	272.08
Si	-71.0967	3.4788	-58.8396	93.46275	285.13
Si	13.9222	-53.6957	74.4147	93.47634	267.22
Si	48.724	45.7383	67.4924	93.50754	274.4
Si	56.1816	-73.0826	-13.8446	93.50953	272.31
Si	-73.0826	-53.1958	13.8446	93.50953	282.37
Si	-53.1958	76.0684	-13.8446	93.50954	278.88
Si	-28.8373	58.6675	-67.4924	93.50975	288.44
Si	21.3797	-58.1675	-69.223	93.52364	264.73
Si	-56.1816	13.4222	-72.6842	93.55021	278.13
Si	75.5684	-25.8515	50.1867	93.56069	268.7
Si	28.3373	-76.0684	-44.995	93.59981	279.81
Si	-76.0684	28.3373	-44.995	93.59981	278.94
Si	28.8373	45.7383	-77.8759	93.64836	279.4
Si	45.7383	-25.8515	77.8759	93.64836	270.04
Si	-46.2382	63.1392	51.9173	93.66923	266.15
Si	-76.0684	-6.4646	51.9173	93.67219	279.51
Si	11.4363	-78.0543	48.4561	93.67296	276.02
Si	-20.8798	-78.5542	-43.2644	93.70105	276.15
Si	58.1675	-71.0967	17.3058	93.70565	270.12
Si	-45.7383	-78.5542	12.114	93.72874	282.99
Si	-76.0684	48.2241	24.2281	93.73665	279.2
Si	-43.2524	46.2382	69.223	93.78757	268.97
Si	76.0684	-28.3373	48.4561	93.8048	267.02
Si	76.0684	31.3231	-48.4561	93.8048	275.21
Si	81.0401	51.2099	0	93.80585	278.24
Si	-78.0543	-48.2241	0	93.80586	294.09
Si	73.5825	-48.724	32.8809	93.80733	273.94
Si	51.2099	-73.0826	27.6892	93.80819	273.55
Si	-73.0826	-48.2241	-27.6892	93.80819	291.21
Si	-60.6534	50.7099	-50.1867	93.82524	265.64
Si	-63.6392	3.9787	-67.4924	93.82745	282.79
Si	-61.1533	48.2241	-51.9173	93.82831	265.7
Si	18.3939	48.2241	-79.6064	93.84368	279.8
Si	-26.3514	-66.125	-58.8396	93.85935	277.07
Si	-15.908	-73.5825	53.6478	93.89997	275.17

Si	-3.9787	-50.7099	77.8759	93.91341	262.92
Si	-65.6251	-63.6392	-8.6529	93.92484	290.4
Si	68.6109	-63.6392	-8.6529	93.92485	277.67
Si	11.4363	-68.1109	-62.3007	93.94114	272.83
Si	-8.4505	-68.1109	62.3007	93.94114	269.07
Si	-55.6816	-63.6392	-36.3421	93.97798	276.78
Si	53.1958	78.0543	-17.3058	93.99111	274.83
Si	-58.1675	-68.1109	20.7669	93.99636	277.47
Si	53.6957	-63.6392	-43.2644	94.01663	263.53
Si	-16.408	48.2241	79.6064	94.0289	284.44
Si	78.5542	-3.9787	53.6478	94.05572	280.97
Si	-73.0826	-13.4222	-55.3784	94.07833	279.93
Si	53.6957	-58.6675	-50.1867	94.14408	265.32
Si	-73.5825	53.6957	22.4975	94.16792	280.72
Si	-53.6957	68.6109	36.3421	94.18787	271.63
Si	13.4222	-71.0967	58.8396	94.20006	267.59
Si	-53.1958	46.2382	62.3007	94.20389	266.85
Si	45.7383	-15.908	-81.337	94.21335	274.41
Si	48.724	-78.5542	-15.5752	94.2386	275.97
Si	-78.5542	48.724	15.5752	94.2386	278.77
Si	-76.0684	-46.2382	-24.2281	94.23913	291.6
Si	-28.8373	-60.6534	64.0313	94.24478	268.38
Si	-41.2665	28.3373	-79.6064	94.26651	283.43
Si	-8.4505	-53.1958	-76.1453	94.2753	267.44
Si	-63.6392	68.6109	-12.114	94.3067	274.58
Si	68.6109	-63.6392	12.114	94.3067	270.22
Si	-56.1816	-71.0967	-17.3058	94.31377	287.24
Si	-55.6816	25.8515	-70.9536	94.32221	280.34
Si	-13.4222	-78.0543	48.4561	94.33034	278.43
Si	-8.9505	53.6957	77.8759	94.33373	283.27
Si	80.5401	-40.7666	29.4198	94.33903	280.13
Si	13.9222	75.5684	-57.109	94.35628	277.93
Si	55.6816	-50.7099	57.109	94.46159	269.19
Si	-28.8373	38.7807	-81.337	94.47754	282.68
Si	-16.408	-56.1816	72.6842	94.49749	269.22
Si	-51.2099	-41.2665	-65.7618	94.50171	272.55
Si	66.125	61.1533	34.6115	94.52316	260.63
Si	60.6534	73.5825	15.5752	94.54873	271.3
Si	-70.5968	50.7099	-36.3421	94.55149	276.01
Si	81.0401	31.3231	-41.5338	94.56561	278.93
Si	31.3231	-78.0543	41.5338	94.56562	272.82
Si	-28.3373	-63.1392	62.3007	94.59665	267.16
Si	58.6675	60.6534	46.7255	94.61587	258.01
Si	-63.6392	33.809	-60.5701	94.63219	276.84
Si	-15.908	-58.6675	-70.9536	94.63864	266.52
Si	-68.6109	-50.7099	36.3421	94.6595	278.39
Si	53.6957	-68.6109	-36.3421	94.6595	265.04
Si	-58.6675	-70.5968	-12.114	94.67279	287.58
Si	-48.724	78.5542	22.4975	94.69071	270.43
Si	33.309	53.1958	72.6842	94.70185	281.99
Si	1.4929	66.125	69.223	94.7055	283.8
Si	26.3514	61.1533	69.223	94.7055	282.31
Si	58.1675	23.3656	72.6842	94.72809	268.23
Si	58.6675	-73.5825	-8.6529	94.76352	274.63
Si	20.8798	-65.6251	64.0313	94.76641	267.51
Si	56.1816	-73.0826	20.7669	94.78198	270.08
Si	-75.5684	-53.6957	-1.7306	94.80102	294.04
Si	-38.7807	-55.6816	64.0313	94.82031	265.9
Si	-63.1392	6.4646	-69.223	94.83591	281.23
Si	75.5684	-55.6816	15.5752	94.86149	277.14
Si	53.6957	80.5401	5.1917	94.87128	277.7
Si	-28.3373	-33.309	83.0676	94.87486	277.99

Si	-81.0401	-11.4363	-44.995	94.88628	284.53
Si	-60.6534	-68.6109	-15.5752	94.96989	286.74
Si	53.1958	-1.4929	-79.6064	94.96995	273.01
Si	-68.1109	66.125	0	94.9842	273.31
Si	-58.1675	-38.2807	62.3007	94.98779	273.18
Si	76.0684	21.3797	55.3784	94.99347	269.27
Si	45.7383	-70.5968	43.2644	95.00724	266.84
Si	-13.9222	-50.7099	77.8759	95.0127	267.99
Si	-53.6957	53.6957	57.109	95.03872	264.6
Si	-68.1109	-53.1958	34.6115	95.04472	276.22
Si	30.8231	-65.6251	-60.5701	95.04643	264.3
Si	-26.3514	-81.0401	-38.0727	95.06065	276.83
Si	73.0826	-56.1816	24.2281	95.07067	273.64
Si	75.5684	-45.7383	36.3421	95.07216	273.38
Si	-71.0967	-31.3231	-51.9173	95.08702	281.47
Si	56.1816	-53.1958	-55.3784	95.12347	268.2
Si	-75.5684	25.8515	-50.1867	95.13408	281.16
Si	-71.0967	-16.408	58.8396	95.14087	275.96
Si	-71.0967	-16.408	-58.8396	95.14087	281.11
Si	58.6675	-73.5825	12.114	95.14201	271.35
Si	15.908	48.724	-81.337	95.15403	279.82
Si	43.2524	78.0543	38.0727	95.15793	275.34
Si	-65.6251	0.993	67.4924	95.18559	268.23
Si	-58.6675	-60.6534	-39.8032	95.21408	272.87
Si	63.6392	-58.6675	39.8032	95.21408	270.74
Si	45.7383	-30.8231	77.8759	95.21885	270.17
Si	11.4363	-63.1392	69.223	95.22606	267.69
Si	-63.1392	-8.4505	-69.223	95.22606	276.92
Si	-8.4505	66.125	69.223	95.22606	279.12
Si	71.0967	66.125	6.9223	95.2361	274.44
Si	-15.908	80.5401	-50.1867	95.23635	273.37
Si	-58.6675	58.6675	-46.7255	95.24427	264.7
Si	43.7524	-58.6675	60.5701	95.25686	266.04
Si	-56.1816	-36.2948	65.7618	95.28315	274.07
Si	-60.6534	45.7383	-57.109	95.29555	264.46
Si	55.6816	-55.6816	-53.6478	95.30707	265.9
Si	78.0543	58.1675	-3.4611	95.31862	276.61
Si	78.0543	58.1675	3.4611	95.31862	276.46
Si	60.6534	68.6109	-32.8809	95.32017	262
Si	3.4788	63.1392	72.6842	95.32678	281.76
Si	-63.6392	-25.8515	64.0313	95.34097	271
Si	-20.8798	-78.5542	46.7255	95.3486	278.03
Si	-76.0684	-51.2099	17.3058	95.35634	283.01
Si	-38.2807	26.3514	83.0676	95.3945	284.83
Si	-75.5684	-23.8655	-50.1867	95.39499	279.35
Si	-23.8655	73.5825	57.109	95.40127	267.54
Si	-81.0401	48.2241	10.3835	95.41131	280.04
Si	-78.0543	-38.2807	34.6115	95.43403	278.8
Si	-31.3231	-76.0684	-44.995	95.48399	272.78
Si	15.908	-80.5401	-46.7255	95.50127	278.88
Si	-33.309	76.0684	-48.4561	95.50221	274.5
Si	-33.309	76.0684	48.4561	95.50221	260.19
Si	76.0684	36.2948	48.4561	95.50221	266.67
Si	-1.4929	-51.2099	79.6064	95.51799	264.69
Si	-55.6816	70.5968	32.8809	95.5271	273.25
Si	-56.1816	-21.3797	-72.6842	95.56406	273.78
Si	-21.3797	-56.1816	-72.6842	95.56406	266.4
Si	-56.1816	-21.3797	72.6842	95.56406	272.24
Si	78.5542	-48.724	25.9586	95.57219	273.67
Si	-53.6957	68.6109	-39.8032	95.57669	261.41
Si	-41.2665	78.0543	-38.0727	95.60095	278.2
Si	-41.2665	78.0543	38.0727	95.60095	269.98

Si	-81.0401	43.2524	24.2281	95.61668	280.85
Si	-38.7807	-75.5684	-39.8032	95.62796	275.79
Si	68.6109	10.9363	67.4924	95.65159	271.69
Si	-63.6392	-50.7099	-46.7255	95.65875	272.99
Si	73.0826	-61.1533	-10.3835	95.69455	277.49
Si	53.6957	-78.5542	5.1917	95.706	276.08
Si	-48.2241	-28.3373	-76.1453	95.70647	271.74
Si	-48.2241	-28.3373	76.1453	95.70647	273.88
Si	58.6675	30.8231	-70.9536	95.72671	270.97
Si	-58.1675	-73.0826	-6.9223	95.75378	287.52
Si	65.6251	38.7807	-60.5701	95.77082	267.29
Si	38.2807	73.0826	-51.9173	95.7801	277.88
Si	18.3939	-66.125	65.7618	95.82508	268.86
Si	18.3939	-66.125	-65.7618	95.82508	269.06
Si	56.1816	-18.3939	-76.1453	95.83551	267.29
Si	66.125	-13.4222	69.223	95.87279	274.33
Si	16.408	-63.1392	69.223	95.87279	268.47
Si	20.8798	78.5542	-53.6478	95.87695	276.87
Si	13.9222	50.7099	81.337	95.87761	280.1
Si	8.9505	-48.724	81.337	95.88049	267.06
Si	-73.5825	-30.8231	50.1867	95.91325	269.56
Si	50.7099	-45.7383	-67.4924	95.96002	267.46
Si	71.0967	-63.1392	13.8446	95.98787	271.89
Si	-63.1392	-68.1109	-13.8446	95.98787	287.62
Si	43.7524	-68.6109	-50.1867	96.01615	263.79
Si	55.6816	28.8373	-74.4147	96.02961	271.76
Si	65.6251	48.724	-53.6478	96.03022	268.67
Si	50.7099	-75.5684	29.4198	96.0536	274.7
Si	-48.2241	-73.0826	-34.6115	96.07935	277.89
Si	-18.8939	78.5542	-53.6478	96.08413	274.35
Si	-56.1816	58.1675	-51.9173	96.09245	264.64
Si	58.1675	-56.1816	51.9173	96.09245	272.33
Si	-76.0684	-21.3797	-51.9173	96.09534	279.5
Si	31.3231	-58.1675	69.223	96.13027	264.09
Si	-23.3656	-73.0826	-55.3784	96.15725	274.05
Si	-63.1392	-43.2524	55.3784	96.15725	269.55
Si	-36.2948	73.0826	51.9173	96.16858	258.44
Si	38.7807	-33.809	81.337	96.18892	270.52
Si	68.6109	-63.6392	-22.4975	96.19325	271.8
Si	28.8373	-73.5825	53.6478	96.23994	267.7
Si	-78.0543	-33.309	-41.5338	96.24961	288.4
Si	48.724	55.6816	-64.0313	96.26633	267.89
Si	23.8655	80.5401	-50.1867	96.26892	278.97
Si	36.2948	-63.1392	62.3007	96.2801	264.53
Si	-6.4646	-61.1533	-72.6842	96.28527	266.45
Si	-81.0401	33.309	-38.0727	96.29895	277.42
Si	33.309	-81.0401	-38.0727	96.29895	277.91
Si	43.7524	-78.5542	32.8809	96.30453	277.68
Si	-56.1816	-61.1533	44.995	96.30909	271.15
Si	43.7524	55.6816	67.4924	96.31982	274.01
Si	55.6816	43.7524	-67.4924	96.31982	267.35
Si	28.3373	78.0543	-51.9173	96.32067	278.6
Si	-40.7666	-63.6392	-57.109	96.38195	274.62
Si	75.5684	53.6957	-32.8809	96.4027	273.89
Si	81.0401	26.3514	48.4561	96.40382	269.27
Si	26.3514	-78.0543	-48.4561	96.40382	280.9
Si	26.3514	-78.0543	48.4561	96.40382	270.12
Si	48.2241	-81.0401	17.3058	96.41053	274.35
Si	46.2382	21.3797	83.0676	96.42538	278.36
Si	13.9222	65.6251	-70.9536	96.44599	269.67
Si	-43.7524	78.5542	36.3421	96.46933	271.33
Si	75.5684	13.9222	-60.5701	96.49049	275.16

Si	-73.0826	-58.1675	13.8446	96.50151	285.13
Si	5.9646	73.5825	64.0313	96.52418	278.93
Si	-71.0967	38.2807	51.9173	96.52975	270.03
Si	45.7383	28.8373	-81.337	96.54572	279.88
Si	-70.5968	-3.9787	-64.0313	96.57568	277.51
Si	-1.4929	78.0543	58.8396	96.60568	277.69
Si	0.993	-55.6816	77.8759	96.61175	264.45
Si	-38.7807	73.5825	50.1867	96.63115	261.16
Si	-70.5968	45.7383	46.7255	96.63252	268.84
Si	18.8939	60.6534	74.4147	96.64525	280.13
Si	18.8939	50.7099	81.337	96.64793	280.83
Si	-66.125	63.1392	31.1504	96.65811	269.99
Si	-48.2241	-53.1958	-62.3007	96.66443	272.81
Si	-53.1958	51.2099	-62.3007	96.66443	265.5
Si	13.4222	-61.1533	72.6842	96.69457	268.94
Si	-58.6675	63.6392	43.2644	96.7121	267.57
Si	1.4929	61.1533	76.1453	96.73402	282.68
Si	63.1392	18.3939	72.6842	96.79306	267.92
Si	53.6957	-3.9787	81.337	96.80283	274.5
Si	-28.3373	41.2665	83.0676	96.80912	282.21
Si	-53.6957	48.724	64.0313	96.8327	266.57
Si	46.2382	-38.2807	-76.1453	96.86169	267.78
Si	-58.1675	6.4646	-76.1453	96.86169	277.3
Si	-43.2524	-38.2807	-76.1453	96.86169	271.6
Si	-41.2665	-46.2382	72.6842	96.9	266.61
Si	40.7666	43.7524	77.8759	96.91714	278.98
Si	1.4929	-78.0543	55.3784	96.92536	277.29
Si	-61.1533	-51.2099	-51.9173	96.94087	270.85
Si	28.8373	-58.6675	-70.9536	96.96077	264.39
Si	-8.9505	-70.5968	64.0313	96.98446	270.88
Si	58.6675	-58.6675	-50.1867	96.98917	265.96
Si	-53.1958	-23.3656	76.1453	96.9892	272.83
Si	-15.908	-53.6957	-77.8759	97.02181	265.57
Si	38.2807	-51.2099	72.6842	97.02532	262.48
Si	65.6251	28.8373	-67.4924	97.03542	268.3
Si	-3.4788	81.0401	-55.3784	97.05278	270.04
Si	-65.6251	-53.6957	-43.2644	97.06911	270.74
Si	-43.7524	-70.5968	-46.7255	97.09442	273.5
Si	73.0826	-46.2382	44.995	97.09732	272.45
Si	-43.7524	-65.6251	-53.6478	97.1084	274
Si	-63.6392	-10.9363	70.9536	97.11375	274.67
Si	-76.0684	28.3373	51.9173	97.11735	271.93
Si	-38.7807	-80.5401	-32.8809	97.12124	279.09
Si	-65.6251	20.8798	67.4924	97.13854	270.92
Si	25.8515	-45.7383	-81.337	97.15879	264.54
Si	60.6534	-75.5684	1.7306	97.16689	274.6
Si	-50.7099	-73.5825	32.8809	97.17312	266.94
Si	-58.1675	-43.2524	-62.3007	97.1745	271.24
Si	-73.0826	1.4929	62.3007	97.1745	268.54
Si	-23.8655	-55.6816	-74.4147	97.2087	266.55
Si	-48.724	38.7807	-74.4147	97.20942	278.01
Si	18.8939	65.6251	-70.9536	97.21181	268.86
Si	-68.6109	-60.6534	-25.9586	97.21391	273.09
Si	-45.7383	-73.5825	39.8032	97.21832	269.99
Si	66.125	71.0967	20.7669	97.22788	270.11
Si	75.5684	18.8939	-60.5701	97.25596	274.19
Si	-73.5825	-10.9363	-60.5701	97.26022	282.4
Si	-58.1675	-58.1675	-48.4561	97.29707	270.95
Si	-38.7807	-40.7666	77.8759	97.32662	269.57
Si	-55.6816	35.7948	-70.9536	97.3651	272.2
Si	45.7383	78.5542	-39.8032	97.36734	264.87
Si	-48.2241	-33.309	-76.1453	97.37073	271.4

Si	36.2948	51.2099	76.1453	97.37073	279.7
Si	-70.5968	50.7099	-43.2644	97.42198	275.59
Si	76.0684	41.2665	48.4561	97.42402	265.07
Si	-71.0967	-61.1533	-17.3058	97.43349	283.93
Si	71.0967	41.2665	-55.3784	97.43406	268.57
Si	-80.5401	-48.724	-15.5752	97.43587	289.53
Si	81.0401	56.1816	13.8446	97.52068	275.18
Si	-78.0543	-53.1958	-13.8446	97.52069	292.42
Si	-78.5542	-40.7666	36.3421	97.54053	280.47
Si	-1.4929	-81.0401	51.9173	97.55005	276.82
Si	-58.6675	48.724	-60.5701	97.56429	265.16
Si	-43.2524	-23.3656	83.0676	97.57209	275.54
Si	33.809	50.7099	-77.8759	97.62836	280.06
Si	-66.125	-46.2382	51.9173	97.70281	268.24
Si	78.5542	55.6816	25.9586	97.71756	272.16
Si	-81.0401	28.3373	-44.995	97.75921	279.16
Si	-33.809	-80.5401	-39.8032	97.77494	276.82
Si	-68.1109	-53.1958	41.5338	97.77832	275.5
Si	-68.1109	56.1816	41.5338	97.77832	266.65
Si	36.2948	-58.1675	-69.223	97.78732	261.79
Si	-58.1675	36.2948	-69.223	97.78732	275.25
Si	61.1533	-33.309	-69.223	97.78732	266.16
Si	73.5825	-53.6957	-36.3421	97.7929	269.93
Si	-56.1816	-71.0967	-31.1504	97.80564	271.64
Si	-78.0543	51.2099	-27.6892	97.80711	278.22
Si	-48.2241	-78.0543	27.6892	97.80711	267.74
Si	-68.6109	-35.7948	57.109	97.80771	269
Si	43.7524	65.6251	60.5701	97.81377	267.81
Si	58.6675	-53.6957	-57.109	97.85781	268.04
Si	35.7948	-40.7666	-81.337	97.86826	264.55
Si	-78.5542	18.8939	-53.6478	97.92052	285.95
Si	-48.724	-70.5968	43.2644	97.93093	270.08
Si	-51.2099	23.3656	79.6064	97.94482	285.51
Si	-0.993	75.5684	-64.0313	97.94575	272.99
Si	35.7948	-60.6534	-67.4924	97.949	263.65
Si	38.2807	-61.1533	65.7618	97.9924	266.89
Si	63.1392	-21.3797	-72.6842	98.01228	267.96
Si	0.993	78.5542	-60.5701	98.01756	271.23
Si	18.3939	78.0543	-58.8396	98.02748	275.71
Si	-41.2665	-81.0401	-31.1504	98.03268	280.57
Si	23.8655	-53.6957	-77.8759	98.03557	263.45
Si	-6.4646	58.1675	79.6064	98.04346	280.67
Si	-65.6251	-63.6392	-29.4198	98.04349	274.5
Si	-13.4222	81.0401	55.3784	98.06623	275.22
Si	80.5401	-20.8798	-53.6478	98.11775	279.69
Si	-30.8231	-68.6109	60.5701	98.12036	267.92
Si	33.309	-46.2382	-79.6064	98.12089	262.72
Si	35.7948	-75.5684	50.1867	98.15181	267.36
Si	-78.5542	33.809	-46.7255	98.15879	279.39
Si	-50.7099	-78.5542	-22.4975	98.17749	273.84
Si	8.4505	-71.0967	-65.7618	98.19511	274.23
Si	-60.6534	-48.724	-57.109	98.21066	270.27
Si	-50.7099	30.8231	-77.8759	98.23468	277.98
Si	-6.4646	-71.0967	-65.7618	98.27102	261.78
Si	-71.0967	-6.4646	-65.7618	98.27102	276.38
Si	-53.6957	78.5542	-25.9586	98.27558	270.85
Si	-68.1109	-3.4788	-69.223	98.29156	277.9
Si	-68.6109	68.6109	15.5752	98.29519	270.49
Si	-68.1109	-48.2241	-48.4561	98.308	272.11
Si	76.0684	-13.4222	62.3007	98.31248	276.28
Si	68.1109	73.0826	10.3835	98.34053	270.94
Si	20.8798	-70.5968	64.0313	98.35026	269.86

Si	-25.8515	-78.5542	-50.1867	98.3563	273.43
Si	-81.0401	-11.4363	51.9173	98.35782	281.79
Si	-11.4363	-81.0401	-51.9173	98.35782	274.02
Si	-75.5684	30.8231	53.6478	98.37075	271.7
Si	31.3231	56.1816	76.1453	98.3809	283
Si	-56.1816	-31.3231	-72.6842	98.41861	272.35
Si	-63.6392	-55.6816	-46.7255	98.46008	270.28
Si	-63.6392	58.6675	-46.7255	98.46008	266.24
Si	-50.7099	-28.8373	-77.8759	98.53784	271.61
Si	51.2099	-63.1392	55.3784	98.56904	270.84
Si	-65.6251	40.7666	60.5701	98.56967	268.09
Si	68.6109	40.7666	60.5701	98.56968	272.45
Si	-50.7099	45.7383	-70.9536	98.57585	273.82
Si	45.7383	-45.7383	-74.4147	98.62041	265.81
Si	-41.2665	68.1109	-58.8396	98.63274	268.36
Si	-65.6251	-53.6957	46.7255	98.66043	274.93
Si	-45.7383	-63.6392	-57.109	98.66306	275.17
Si	-48.2241	-48.2241	-69.223	98.66805	269.62
Si	-8.4505	-68.1109	-69.223	98.66805	262.6
Si	-58.6675	-5.9646	77.8759	98.68908	271.61
Si	-73.5825	3.9787	64.0313	98.70414	268.03
Si	-76.0684	-46.2382	38.0727	98.70938	280.62
Si	-46.2382	-76.0684	-38.0727	98.70938	276.71
Si	-53.1958	-73.0826	-34.6115	98.74368	275.96
Si	56.1816	76.0684	-34.6115	98.74369	266.02
Si	76.0684	-53.1958	34.6115	98.74369	274.33
Si	53.6957	-18.8939	81.337	98.77484	271.28
Si	55.6816	-40.7666	70.9536	98.77597	264
Si	-48.2241	-73.0826	-41.5338	98.78432	275.26
Si	-58.6675	-55.6816	-53.6478	98.82452	270.75
Si	5.9646	73.5825	-67.4924	98.85414	271.66
Si	5.9646	-70.5968	-67.4924	98.85415	271.73
Si	-15.908	-68.6109	67.4924	98.85624	268.67
Si	33.309	68.1109	-65.7618	98.86781	269.81
Si	43.2524	-66.125	58.8396	98.88442	266.54
Si	-48.724	-75.5684	36.3421	98.89864	270.3
Si	-25.8515	60.6534	74.4147	98.92029	266.28
Si	-48.724	-45.7383	70.9536	98.92894	267.67
Si	81.0401	21.3797	55.3784	98.94447	271.81
Si	-78.0543	21.3797	55.3784	98.94448	273.43
Si	-18.3939	-78.0543	-55.3784	98.94448	273.68
Si	-45.7383	80.5401	-36.3421	98.99493	278.9
Si	60.6534	78.5542	-19.0363	98.99895	269.41
Si	78.5542	60.6534	19.0363	98.99895	273.13
Si	53.6957	-48.724	67.4924	99.00559	265.25
Si	46.2382	-43.2524	76.1453	99.00702	262.71
Si	43.7524	45.7383	-77.8759	99.03617	276.09
Si	68.1109	-61.1533	-38.0727	99.0557	267.6
Si	-65.6251	-43.7524	-57.109	99.06254	272.95
Si	-43.7524	68.6109	57.109	99.06254	261.76
Si	13.9222	-53.6957	81.337	99.07565	266.38
Si	65.6251	73.5825	22.4975	99.07566	269.63
Si	63.1392	-66.125	-38.0727	99.10587	265.1
Si	-55.6816	-78.5542	12.114	99.11218	277.68
Si	-61.1533	58.1675	51.9173	99.15623	265.53
Si	-46.2382	-46.2382	72.6842	99.19426	265.43
Si	-60.6534	65.6251	-43.2644	99.23152	260.77
Si	63.6392	65.6251	-43.2644	99.23152	263.51
Si	-48.2241	-38.2807	76.1453	99.25637	269.4
Si	71.0967	-13.4222	69.223	99.29236	273.36
Si	-1.4929	-66.125	72.6842	99.31808	268.02
Si	55.6816	-35.7948	-74.4147	99.31943	264.73

Si	-5.9646	70.5968	-70.9536	99.32456	270.97
Si	-41.2665	-76.0684	-44.995	99.34117	275.86
Si	-76.0684	-41.2665	-44.995	99.34117	281.04
Si	63.1392	43.2524	-65.7618	99.34155	265.22
Si	80.5401	28.8373	-53.6478	99.36936	275.69
Si	80.5401	-25.8515	-53.6478	99.36936	280.76
Si	36.2948	81.0401	48.4561	99.43301	268.25
Si	-33.309	-78.0543	-48.4561	99.43302	272.26
Si	61.1533	76.0684	27.6892	99.43622	268.3
Si	75.5684	-15.908	64.0313	99.4484	276.46
Si	-26.3514	-51.2099	-79.6064	99.44887	267.24
Si	65.6251	28.8373	70.9536	99.4739	267.67
Si	-56.1816	73.0826	38.0727	99.50357	271.89
Si	-58.6675	28.8373	-74.4147	99.52152	282.27
Si	33.309	-66.125	-65.7618	99.54429	264.52
Si	-41.2665	43.2524	-79.6064	99.54602	281.31
Si	38.2807	78.0543	51.9173	99.55096	266.34
Si	46.2382	-73.0826	48.4561	99.55722	266.89
Si	51.2099	-58.1675	-62.3007	99.56164	265.72
Si	61.1533	51.2099	-62.3007	99.56164	265.22
Si	-68.1109	46.2382	55.3784	99.56705	267.56
Si	58.6675	-78.5542	-15.5752	99.59448	269.2
Si	60.6534	-35.7948	70.9536	99.62302	265.46
Si	68.6109	-68.6109	-22.4975	99.62677	270.52
Si	25.8515	-55.6816	77.8759	99.63393	264.92
Si	-61.1533	28.3373	72.6842	99.64012	272.27
Si	-50.7099	25.8515	81.337	99.67039	282.94
Si	-10.9363	-63.6392	74.4147	99.67057	267.97
Si	61.1533	81.0401	6.9223	99.67466	276.76
Si	81.0401	61.1533	6.9223	99.67466	276.72
Si	71.0967	-33.309	-62.3007	99.6857	269.11
Si	50.7099	-75.5684	-39.8032	99.72495	262.64
Si	-66.125	-61.1533	38.0727	99.73091	275.17
Si	-56.1816	-61.1533	-51.9173	99.73111	269.9
Si	-60.6534	50.7099	60.5701	99.7658	264.12
Si	78.5542	55.6816	32.8809	99.77989	270.5
Si	-60.6534	70.5968	-36.3421	99.79102	263.32
Si	70.5968	63.6392	36.3421	99.79102	261.86
Si	63.1392	78.0543	17.3058	99.80684	269.57
Si	38.7807	45.7383	81.337	99.81853	279.11
Si	58.6675	10.9363	81.337	99.86901	268.7
Si	1.4929	-63.1392	76.1453	99.877	266.59
Si	-60.6534	-63.6392	-43.2644	99.88066	272.29
Si	58.6675	-23.8655	-77.8759	99.88309	266.67
Si	-61.1533	-26.3514	-72.6842	99.91415	272.91
Si	35.7948	-55.6816	-74.4147	99.91549	260.08
Si	73.5825	65.6251	25.9586	99.91847	268.98
Si	53.6957	-23.8655	81.337	99.91946	269.27
Si	58.6675	-73.5825	32.8809	99.93201	271.02
Si	-15.908	-58.6675	-77.8759	99.93354	264.08
Si	-70.5968	-13.9222	67.4924	99.94884	271.75
Si	-48.2241	26.3514	83.0676	99.94974	283.78
Si	-78.5542	-50.7099	29.4198	99.99104	277.44
Si	40.7666	-75.5684	50.1867	99.99787	267.01
Si	-3.4788	66.125	76.1453	100.0007	281.26
Si	43.2524	-81.0401	-38.0727	100.0254	265.44
Si	63.6392	-43.7524	-64.0313	100.0465	263.33
Si	60.6534	73.5825	36.3421	100.0881	267.42
Si	75.5684	68.6109	-5.1917	100.0948	267.27
Si	73.0826	-61.1533	31.1504	100.0998	269.57
Si	-81.0401	-21.3797	-51.9173	100.1512	278.63
Si	-16.408	68.1109	72.6842	100.2067	271.35

Si	68.6109	0.993	74.4147	100.2129	272.44
Si	58.1675	78.0543	-31.1504	100.2198	263.49
Si	-43.7524	38.7807	-81.337	100.2657	283.3
Si	-50.7099	80.5401	32.8809	100.2734	270.13
Si	-78.0543	-43.2524	41.5338	100.2744	281.23
Si	-73.0826	-23.3656	-62.3007	100.3037	277
Si	-43.2524	-63.1392	62.3007	100.3037	261.24
Si	-43.2524	-63.1392	-62.3007	100.3037	271.54
Si	-23.3656	76.0684	-62.3007	100.3037	264.07
Si	-58.6675	-75.5684	22.4975	100.3188	272.5
Si	78.5542	-3.9787	-64.0313	100.3414	280.72
Si	13.9222	80.5401	60.5701	100.3578	268.72
Si	11.4363	66.125	-76.1453	100.3707	270.49
Si	-30.8231	60.6534	74.4147	100.4084	267.14
Si	-30.8231	50.7099	81.337	100.4109	282.44
Si	18.8939	-63.6392	74.4147	100.4118	268.52
Si	61.1533	66.125	48.4561	100.4224	256.99
Si	78.0543	-61.1533	17.3058	100.4275	275.24
Si	-81.0401	-41.2665	-38.0727	100.4469	283.4
Si	-55.6816	15.908	81.337	100.4611	278.5
Si	-60.6534	-68.6109	-36.3421	100.486	271.98
Si	-10.9363	-68.6109	-70.9536	100.5158	264.46
Si	73.5825	-33.809	60.5701	100.5578	262.27
Si	-63.6392	-70.5968	-25.9586	100.5632	273.07
Si	-68.1109	71.0967	-20.7669	100.6014	271.29
Si	-63.6392	43.7524	64.0313	100.6382	270.26
Si	-81.0401	58.1675	-10.3835	100.6555	276.29
Si	-68.6109	73.5825	-5.1917	100.6897	271.51
Si	75.5684	-65.6251	-12.114	100.6914	276.68
Si	-63.6392	48.724	-60.5701	100.706	265.07
Si	78.5542	-8.9505	-64.0313	100.7349	281.84
Si	73.5825	30.8231	-64.0313	100.7829	271.09
Si	-61.1533	-71.0967	31.1504	100.8174	268.65
Si	66.125	76.0684	-20.7669	100.8468	267.37
Si	76.0684	-63.1392	-20.7669	100.8468	273.19
Si	-53.1958	71.0967	48.4561	100.9135	264.44
Si	23.8655	-58.6675	-77.8759	100.9181	263.57
Si	-65.6251	50.7099	-57.109	100.9385	265.62
Si	-55.6816	80.5401	25.9586	100.9517	268.43
Si	-51.2099	-31.3231	-79.6064	100.9538	270.79
Si	30.8231	-55.6816	77.8759	100.9646	267.19
Si	15.908	-80.5401	57.109	100.9884	271.09
Si	75.5684	33.809	-60.5701	100.9963	268.74
Si	58.1675	53.1958	65.7618	101.0437	261.87
Si	-28.8373	-70.5968	64.0313	101.0784	266.9
Si	70.5968	-60.6534	-39.8032	101.1029	268
Si	48.2241	-76.0684	-44.995	101.1143	262.16
Si	-55.6816	-73.5825	-36.3421	101.1237	272.72
Si	-38.7807	-65.6251	64.0313	101.1276	261.24
Si	-78.0543	-3.4788	62.3007	101.1625	269.45
Si	53.1958	-46.2382	72.6842	101.1654	264.37
Si	56.1816	-63.1392	55.3784	101.1678	268.19
Si	66.125	56.1816	55.3784	101.1678	255.31
Si	68.1109	-21.3797	-72.6842	101.2131	268.34
Si	26.3514	71.0967	-69.223	101.2643	268.22
Si	81.0401	41.2665	48.4561	101.2803	267.44
Si	41.2665	-78.0543	48.4561	101.2803	269.24
Si	-50.7099	-28.8373	81.337	101.2954	272.86
Si	-28.3373	51.2099	83.0676	101.3008	282.6
Si	13.4222	63.1392	79.6064	101.3892	278.42
Si	23.8655	-63.6392	74.4147	101.3917	265.64
Si	31.3231	-78.0543	55.3784	101.4119	267.88

Si	-73.5825	68.6109	-12.114	101.4293	271.68
Si	-48.724	-65.6251	57.109	101.4298	257.54
Si	-48.724	-45.7383	-74.4147	101.44	269.37
Si	-58.6675	8.9505	-81.337	101.4426	275
Si	-73.5825	-40.7666	-53.6478	101.4903	273.06
Si	81.0401	11.4363	62.3007	101.5283	270
Si	-78.0543	-8.4505	62.3007	101.5284	272.15
Si	48.2241	63.1392	-65.7618	101.5317	265.47
Si	-53.6957	-45.7383	70.9536	101.543	267.66
Si	60.6534	28.8373	77.8759	101.5496	267.44
Si	-51.2099	58.1675	-65.7618	101.5589	265.11
Si	-76.0684	-46.2382	44.995	101.5803	278.34
Si	76.0684	-58.1675	-34.6115	101.5816	271.21
Si	73.5825	10.9363	-70.9536	101.5899	272.38
Si	8.4505	-81.0401	58.8396	101.5982	268.41
Si	60.6534	-50.7099	64.0313	101.6125	265.42
Si	78.0543	13.4222	65.7618	101.6296	270.69
Si	13.4222	78.0543	65.7618	101.6296	268.27
Si	33.809	-78.5542	53.6478	101.6364	267.38
Si	73.5825	70.5968	19.0363	101.6594	270.39
Si	33.309	78.0543	58.8396	101.6662	264.57
Si	55.6816	-80.5401	-25.9586	101.6843	268.48
Si	-15.908	75.5684	67.4924	101.7114	269.25
Si	73.5825	25.8515	67.4924	101.7127	264.34
Si	40.7666	-55.6816	-74.4147	101.7295	258.17
Si	-78.5542	-55.6816	-25.9586	101.7365	287.36
Si	46.2382	61.1533	-69.223	101.7513	264.87
Si	3.9787	80.5401	-64.0313	101.7578	269.78
Si	-60.6534	-68.6109	39.8032	101.7889	267.41
Si	73.0826	58.1675	-44.995	101.7921	264.47
Si	-40.7666	-68.6109	60.5701	101.829	260.55
Si	21.3797	66.125	-76.1453	101.8376	270.18
Si	-78.5542	43.7524	-46.7255	101.866	275.49
Si	-68.1109	-48.2241	55.3784	101.8982	268.45
Si	-41.2665	78.0543	51.9173	101.9089	258.64
Si	-10.9363	-58.6675	81.337	101.9287	265.06
Si	65.6251	73.5825	-32.8809	101.9363	259.75
Si	-23.8655	73.5825	-67.4924	101.9568	265.24
Si	73.5825	-58.6675	39.8032	101.9828	269.33
Si	63.1392	-76.0684	24.2281	101.9952	266.51
Si	80.5401	8.9505	64.0313	102.0004	268.11
Si	3.4788	73.0826	-72.6842	102.0393	273.7
Si	-75.5684	45.7383	-50.1867	102.053	273.9
Si	45.7383	73.5825	57.109	102.0588	263.69
Si	-81.0401	13.4222	58.8396	102.0593	271.48
Si	13.4222	-81.0401	58.8396	102.0593	268.51
Si	-78.5542	-60.6534	-12.114	102.061	285.93
Si	-78.5542	28.8373	57.109	102.0622	273.77
Si	5.9646	-80.5401	-60.5701	102.0694	269.05
Si	63.1392	18.3939	-79.6064	102.0936	265.32
Si	-58.6675	78.5542	29.4198	102.0943	268.52
Si	63.6392	75.5684	32.8809	102.1298	269.5
Si	-78.0543	-13.4222	62.3007	102.1352	272.06
Si	-56.1816	-26.3514	-79.6064	102.1706	274.46
Si	-58.6675	53.6957	64.0313	102.1979	263.43
Si	-81.0401	48.2241	38.0727	102.2009	264.9
Si	78.0543	-66.125	-3.4611	102.2047	276.25
Si	-80.5401	-53.6957	25.9586	102.2206	273.81
Si	-68.6109	23.8655	70.9536	102.2227	271.62
Si	78.5542	-18.8939	-64.0313	102.2452	278.03
Si	-76.0684	43.2524	51.9173	102.2498	268.06
Si	71.0967	71.0967	27.6892	102.2549	267.37

Si	-28.8373	-65.6251	70.9536	102.27	266.31
Si	73.0826	33.309	-65.7618	102.2838	270.52
Si	38.2807	-51.2099	-79.6064	102.3138	259.72
Si	80.5401	63.6392	-19.0363	102.3377	270.34
Si	73.5825	70.5968	-22.4975	102.364	265.63
Si	65.6251	18.8939	77.8759	102.3737	266.69
Si	-73.5825	-25.8515	64.0313	102.3916	269.79
Si	61.1533	-3.4788	83.0676	102.3929	273.67
Si	41.2665	-43.2524	83.0676	102.3929	262.93
Si	73.0826	53.1958	-51.9173	102.4386	266.22
Si	65.6251	63.6392	50.1867	102.4392	254.81
Si	-75.5684	0.993	67.4924	102.4399	267.29
Si	-26.3514	68.1109	-72.6842	102.4512	264.03
Si	-68.6109	-65.6251	-32.8809	102.472	272.38
Si	73.5825	-43.7524	-57.109	102.4963	262.67
Si	-73.0826	-63.1392	27.6892	102.4964	273.45
Si	43.2524	68.1109	65.7618	102.5009	267.94
Si	-45.7383	-78.5542	-43.2644	102.5189	275.83
Si	63.1392	-36.2948	-72.6842	102.524	262.52
Si	-50.7099	-68.6109	53.6478	102.5561	255.64
Si	-66.125	-61.1533	-44.995	102.5733	271.61
Si	-78.0543	51.2099	41.5338	102.5895	265.78
Si	-68.1109	-28.3373	69.223	102.598	271.32
Si	73.0826	-31.3231	65.7618	102.5992	261.49
Si	-31.3231	73.0826	65.7618	102.5992	261.15
Si	28.8373	-63.6392	74.4147	102.6034	264.64
Si	51.2099	66.125	-62.3007	102.6181	266.53
Si	-78.5542	-55.6816	29.4198	102.6742	274.71
Si	18.3939	-61.1533	79.6064	102.7004	267.89
Si	-38.2807	66.125	-69.223	102.7184	263.55
Si	66.125	41.2665	-69.223	102.7184	266.16
Si	41.2665	66.125	69.223	102.7184	265.06
Si	78.5542	65.6251	-22.4975	102.7498	270.08
Si	-51.2099	-81.0401	31.1504	102.76	267.44
Si	58.6675	70.5968	-50.1867	102.7763	259.47
Si	68.1109	53.1958	58.8396	102.8263	259.12
Si	-66.125	28.3373	-72.6842	102.8387	275.58
Si	60.6534	-80.5401	-19.0363	102.9163	268.7
Si	26.3514	66.125	-76.1453	102.9241	267.72
Si	48.724	75.5684	53.6478	102.9372	263.67
Si	-51.2099	73.0826	-51.9173	102.9469	260.83
Si	-61.1533	58.1675	-58.8396	102.9497	262.32
Si	-71.0967	8.4505	72.6842	102.9594	266.33
Si	21.3797	81.0401	-62.3007	102.9787	274.53
Si	18.8939	-63.6392	-77.8759	103.003	264.96
Si	-63.6392	-15.908	77.8759	103.003	272.6
Si	-63.6392	-60.6534	50.1867	103.0681	271.13
Si	18.3939	-76.0684	65.7618	103.0826	267.78
Si	58.6675	75.5684	-43.2644	103.0918	262.09
Si	-73.0826	-43.2524	-55.3784	103.1039	272.67
Si	63.1392	78.0543	31.1504	103.1129	269.65
Si	-80.5401	-23.8655	-57.109	103.1208	278.52
Si	-36.2948	-61.1533	-72.6842	103.1283	266.29
Si	1.4929	71.0967	-76.1453	103.1639	271.86
Si	-33.809	-60.6534	-74.4147	103.1791	265.28
Si	70.5968	73.5825	-25.9586	103.18	263.25
Si	70.5968	-70.5968	-25.9586	103.18	270.01
Si	68.6109	-73.5825	-22.4975	103.1857	268.7
Si	-58.1675	81.0401	-27.6892	103.2173	270.02
Si	-78.0543	-58.1675	27.6892	103.2173	274.01
Si	-68.1109	-3.4788	-76.1453	103.2837	275.5
Si	63.6392	75.5684	-36.3421	103.2961	260.07

Si	-28.8373	73.5825	-67.4924	103.3057	263.82
Si	-45.7383	70.5968	60.5701	103.3192	260.29
Si	33.309	-56.1816	-79.6064	103.3238	261.22
Si	-73.5825	3.9787	70.9536	103.3292	266.8
Si	38.2807	78.0543	58.8396	103.33	265.54
Si	-38.7807	68.6109	-67.4924	103.3538	263.64
Si	16.408	-58.1675	83.0676	103.354	266.14
Si	50.7099	-50.7099	-74.4147	103.3683	263.39
Si	73.5825	-58.6675	-43.2644	103.3827	268.1
Si	73.0826	-71.0967	17.3058	103.4109	270.97
Si	15.908	-75.5684	-67.4924	103.4479	271.29
Si	-55.6816	-68.6109	-50.1867	103.4513	267.8
Si	58.6675	-68.6109	-50.1867	103.4513	262.89
Si	55.6816	-45.7383	-74.4147	103.4638	263.79
Si	-5.9646	-73.5825	-70.9536	103.5681	264.19
Si	8.9505	-73.5825	-70.9536	103.5681	273.9
Si	-13.9222	78.5542	-67.4924	103.592	266.2
Si	60.6534	-80.5401	22.4975	103.6123	266.28
Si	-75.5684	70.5968	5.1917	103.6376	267.02
Si	-8.4505	-68.1109	76.1453	103.642	268.55
Si	-68.1109	-63.1392	-41.5338	103.668	272.65
Si	-81.0401	-61.1533	3.4611	103.6736	284.16
Si	-73.0826	-18.3939	69.223	103.6765	272.33
Si	-36.2948	78.0543	-58.8396	103.6902	263.76
Si	5.9646	73.5825	-74.4147	103.7037	272.14
Si	5.9646	-70.5968	-74.4147	103.7038	271.72
Si	60.6534	-45.7383	70.9536	103.7552	263.87
Si	60.6534	48.724	70.9536	103.7552	262.85
Si	20.8798	-80.5401	-60.5701	103.7979	275.11
Si	-68.6109	73.5825	-25.9586	103.8523	270.33
Si	63.1392	-76.0684	-31.1504	103.8574	271.26
Si	28.8373	75.5684	67.4924	103.8755	263.16
Si	56.1816	-43.2524	-76.1453	103.8802	264.52
Si	48.2241	-56.1816	72.6842	103.89	262.19
Si	61.1533	-63.1392	55.3784	103.9396	269.6
Si	-50.7099	-53.6957	-70.9536	103.9487	267.32
Si	23.8655	-63.6392	-77.8759	103.9585	265.24
Si	61.1533	-48.2241	-69.223	104.0335	265.07
Si	-73.5825	-10.9363	70.9536	104.0443	271.32
Si	26.3514	-78.0543	-62.3007	104.0533	275.79
Si	38.2807	-76.0684	-58.8396	104.073	265.27
Si	-68.1109	36.2948	69.223	104.1522	267.81
Si	-75.5684	-33.809	60.5701	104.1797	268.33
Si	-55.6816	-43.7524	74.4147	104.1807	268.66
Si	45.7383	-60.6534	70.9536	104.1836	264.52
Si	70.5968	-65.6251	-39.8032	104.2327	268.54
Si	-68.1109	16.408	76.1453	104.2365	269.02
Si	73.0826	-46.2382	-58.8396	104.2374	263.87
Si	-55.6816	-53.6957	67.4924	104.259	267.35
Si	45.7383	-80.5401	-46.7255	104.261	262.36
Si	73.5825	60.6534	46.7255	104.308	257.03
Si	68.6109	60.6534	53.6478	104.321	257.51
Si	65.6251	-45.7383	-67.4924	104.398	263.94
Si	-58.6675	-50.7099	-67.4924	104.4013	269.43
Si	3.4788	-66.125	-79.6064	104.4668	266.39
Si	-63.6392	68.6109	-46.7255	104.548	261.91
Si	-81.0401	-36.2948	51.9173	104.5706	267.02
Si	-63.1392	81.0401	-20.7669	104.5769	270.17
Si	-78.0543	-63.1392	20.7669	104.5769	274.79
Si	-78.0543	66.125	-20.7669	104.5769	269.99
Si	-55.6816	75.5684	46.7255	104.5915	263.58
Si	-58.1675	41.2665	-76.1453	104.5916	272.12

Si	-58.1675	-38.2807	-76.1453	104.5916	271.04
Si	-41.2665	-51.2099	-79.6064	104.6095	265.19
Si	-43.7524	63.6392	70.9536	104.6121	257.99
Si	-48.2241	41.2665	83.0676	104.6611	284.15
Si	-63.1392	46.2382	-69.223	104.7438	262.85
Si	75.5684	-45.7383	57.109	104.7826	265.9
Si	-73.5825	-70.5968	-12.114	104.7855	281.63
Si	80.5401	68.6109	15.5752	104.8612	272.91
Si	-33.809	73.5825	-67.4924	104.8731	263.01
Si	-73.5825	-65.6251	29.4198	104.9127	274.99
Si	68.1109	73.0826	-38.0727	104.9408	260.96
Si	-61.1533	-26.3514	-79.6064	105.0573	276.52
Si	15.908	-80.5401	64.0313	105.0582	269.17
Si	-75.5684	10.9363	-70.9536	105.1762	271.95
Si	-66.125	48.2241	-65.7618	105.2645	264.62
Si	61.1533	81.0401	34.6115	105.2857	267.45
Si	78.5542	25.8515	67.4924	105.2949	268.03
Si	68.1109	-16.408	79.6064	105.3356	265.56
Si	58.1675	78.0543	44.995	105.348	263.43
Si	81.0401	-28.3373	-62.3007	105.3517	276.96
Si	51.2099	-73.0826	-55.3784	105.3568	266.65
Si	80.5401	58.6675	-39.8032	105.3646	265.24
Si	55.6816	-65.6251	-60.5701	105.4039	264.25
Si	-46.2382	-81.0401	44.995	105.4253	264.96
Si	-65.6251	0.993	81.337	105.4551	269.21
Si	-65.6251	-48.724	-64.0313	105.4825	270.24
Si	-78.5542	63.6392	29.4198	105.5236	270.25
Si	-81.0401	3.4788	65.7618	105.5474	267.48
Si	5.9646	-65.6251	-81.337	105.5487	268.02
Si	70.5968	18.8939	77.8759	105.5594	266.36
Si	73.0826	-66.125	-38.0727	105.5784	267.49
Si	73.0826	-56.1816	51.9173	105.5786	265.84
Si	81.0401	-48.2241	48.4561	105.5819	273.07
Si	68.6109	-78.5542	-15.5752	105.617	269.82
Si	68.1109	-71.0967	38.0727	105.6254	266.31
Si	60.6534	-30.8231	-81.337	105.6409	265.51
Si	-15.908	-63.6392	81.337	105.6442	266.03
Si	-73.0826	76.0684	6.9223	105.6926	266.6
Si	-73.0826	-68.1109	-27.6892	105.7019	273.05
Si	-68.1109	-73.0826	-27.6892	105.7019	270.46
Si	-33.809	63.6392	77.8759	105.7025	266.28
Si	65.6251	73.5825	43.2644	105.7434	261.32
Si	-26.3514	73.0826	72.6842	105.7515	263.53
Si	8.4505	78.0543	72.6842	105.7972	273.24
Si	71.0967	51.2099	-62.3007	105.8199	259.6
Si	-81.0401	63.1392	-24.2281	105.8251	271.5
Si	63.1392	-81.0401	-24.2281	105.8251	269.49
Si	-80.5401	65.6251	19.0363	105.8524	272.74
Si	63.1392	-31.3231	79.6064	105.8978	267.08
Si	-31.3231	63.1392	79.6064	105.8978	268.45
Si	81.0401	71.0967	-6.9223	105.9262	266.93
Si	-56.1816	68.1109	-58.8396	105.9547	259.81
Si	78.0543	-71.0967	10.3835	106.0128	268.66
Si	-73.0826	31.3231	-69.223	106.0338	271.9
Si	-45.7383	-68.6109	-64.0313	106.044	266.24
Si	68.1109	23.3656	-79.6064	106.0828	266.73
Si	-40.7666	-68.6109	67.4924	106.0925	261.34
Si	-50.7099	60.6534	-70.9536	106.1108	267.87
Si	63.1392	-76.0684	-38.0727	106.1393	269.45
Si	63.1392	48.2241	72.6842	106.1464	262.54
Si	50.7099	-45.7383	-81.337	106.1547	262.73
Si	-63.1392	81.0401	-27.6892	106.1685	267.5

Si	81.0401	66.125	27.6892	106.1685	269.2
Si	58.6675	75.5684	-50.1867	106.1829	260.48
Si	68.6109	-33.809	74.4147	106.2478	266.47
Si	-71.0967	-56.1816	51.9173	106.2591	269.97
Si	-65.6251	-68.6109	-43.2644	106.2599	271.99
Si	80.5401	-40.7666	57.109	106.2815	265.81
Si	48.2241	-51.2099	79.6064	106.2948	262.67
Si	60.6534	-75.5684	43.2644	106.3495	266.77
Si	75.5684	68.6109	36.3421	106.3614	264.51
Si	-73.0826	-73.0826	-13.8446	106.3705	278.86
Si	-61.1533	-81.0401	-24.2281	106.4107	270.64
Si	58.1675	63.1392	-65.7618	106.4749	265.91
Si	43.2524	-71.0967	65.7618	106.4788	263.77
Si	43.2524	-71.0967	-65.7618	106.4788	265.35
Si	70.5968	-20.8798	77.8759	106.4919	266.76
Si	56.1816	61.1533	-69.223	106.499	265.09
Si	78.5542	20.8798	-70.9536	106.5303	271.89
Si	-30.8231	-63.6392	-77.8759	106.5418	263.89
Si	81.0401	-68.1109	-13.8446	106.6026	278.78
Si	63.6392	-63.6392	-57.109	106.6104	264.16
Si	-68.1109	66.125	48.4561	106.6302	260.37
Si	68.6109	-58.6675	-57.109	106.703	264.51
Si	23.3656	-66.125	79.6064	106.7136	265
Si	46.2382	81.0401	55.3784	106.7552	264.8
Si	63.6392	-28.8373	81.337	106.7604	266.86
Si	43.2524	-56.1816	79.6064	106.8054	260.81
Si	81.0401	36.2948	62.3007	106.8658	265.09
Si	75.5684	78.5542	1.7306	106.9048	267.16
Si	51.2099	66.125	-69.223	106.9622	267.23
Si	-43.2524	-73.0826	62.3007	106.9814	259.53
Si	-8.4505	-73.0826	-76.1453	107.0443	263.55
Si	76.0684	11.4363	-76.1453	107.0443	274.41
Si	-63.1392	-73.0826	41.5338	107.0695	267.35
Si	76.0684	-63.1392	-41.5338	107.0695	267.66
Si	-70.5968	15.908	-77.8759	107.0951	268.65
Si	56.1816	41.2665	83.0676	107.1122	262.72
Si	58.1675	-81.0401	38.0727	107.1132	266.81
Si	80.5401	53.6957	50.1867	107.2022	262.34
Si	15.908	-80.5401	-67.4924	107.2028	274.59
Si	5.9646	78.5542	-74.4147	107.2194	272.31
Si	78.5542	-53.6957	-50.1867	107.2518	267.08
Si	-75.5684	-53.6957	-50.1867	107.2518	264.56
Si	-73.5825	73.5825	-25.9586	107.2711	271.06
Si	-51.2099	-71.0967	58.8396	107.2797	257.71
Si	73.0826	8.4505	-79.6064	107.2878	273.64
Si	8.4505	73.0826	79.6064	107.2878	273.9
Si	-75.5684	-68.6109	25.9586	107.3631	274.17
Si	40.7666	-80.5401	57.109	107.3931	264.89
Si	-45.7383	-73.5825	60.5701	107.4051	258.88
Si	-78.5542	58.6675	43.2644	107.4629	264.29
Si	-33.309	76.0684	-69.223	107.5384	263.08
Si	-33.309	76.0684	69.223	107.5384	261.03
Si	10.9363	-75.5684	-74.4147	107.5415	273.6
Si	65.6251	-35.7948	77.8759	107.5545	265.4
Si	70.5968	-80.5401	8.6529	107.6087	269.68
Si	76.0684	-13.4222	76.1453	107.62	272.1
Si	63.1392	-81.0401	31.1504	107.6211	267
Si	18.3939	-76.0684	72.6842	107.6308	265.58
Si	-76.0684	-71.0967	-17.3058	107.6313	277.12
Si	-76.0684	-71.0967	17.3058	107.6313	270.12
Si	-65.6251	-78.5542	25.9586	107.6393	268.81
Si	-43.7524	68.6109	70.9536	107.64	257.59

Si	68.6109	-43.7524	-70.9536	107.64	264.61
Si	63.6392	-78.5542	-36.3421	107.6589	269.29
Si	30.8231	-70.5968	-74.4147	107.6789	267.25
Si	70.5968	43.7524	70.9536	107.6829	264.45
Si	-75.5684	-73.5825	5.1917	107.7113	269.81
Si	81.0401	71.0967	20.7669	107.7205	273.11
Si	-73.0826	71.0967	34.6115	107.7226	265.93
Si	-73.0826	-68.1109	-34.6115	107.7226	271.56
Si	76.0684	-68.1109	-34.6115	107.7226	268.53
Si	13.4222	73.0826	-79.6064	107.7246	272.66
Si	28.8373	-63.6392	81.337	107.7293	264.61
Si	-36.2948	78.0543	65.7618	107.7691	260.82
Si	-61.1533	38.2807	-79.6064	107.7733	273.37
Si	-73.0826	-53.1958	55.3784	107.7921	272.34
Si	23.3656	78.0543	-72.6842	107.8103	265.94
Si	78.0543	23.3656	72.6842	107.8103	266.53
Si	-70.5968	-78.5542	5.1917	107.8491	268.58
Si	48.2241	73.0826	65.7618	107.8588	262.34
Si	-75.5684	65.6251	39.8032	107.8688	265.4
Si	20.8798	73.5825	77.8759	107.8769	264.16
Si	71.0967	-43.2524	-69.223	107.8826	265.69
Si	-43.2524	71.0967	69.223	107.8826	257.31
Si	-68.6109	-80.5401	1.7306	107.9211	268.15
Si	-60.6534	35.7948	81.337	107.956	274.69
Si	-78.0543	56.1816	-48.4561	108.0121	266.22
Si	-78.0543	-53.1958	48.4561	108.0121	272.61
Si	-78.0543	-53.1958	-48.4561	108.0121	264.41
Si	-66.125	-41.2665	72.6842	108.0904	265.44
Si	-68.6109	13.9222	-81.337	108.0959	267.29
Si	38.2807	-76.0684	65.7618	108.1375	263.17
Si	-60.6534	80.5401	39.8032	108.1431	267.61
Si	-23.3656	-63.1392	83.0676	108.1456	263.43
Si	73.5825	-68.6109	39.8032	108.1469	265.21
Si	-80.5401	-18.8939	67.4924	108.1678	272.91
Si	-45.7383	-68.6109	67.4924	108.1691	259.27
Si	-63.1392	-78.0543	34.6115	108.1805	265.9
Si	-63.1392	-78.0543	-34.6115	108.1805	269.1
Si	65.6251	-80.5401	29.4198	108.2029	271.08
Si	-13.9222	78.5542	-74.4147	108.2295	265.32
Si	-68.1109	56.1816	-62.3007	108.2447	264.11
Si	78.5542	-73.5825	12.114	108.266	268.4
Si	-71.0967	68.1109	-44.995	108.3132	263.5
Si	78.0543	78.0543	-3.4611	108.3295	265.47
Si	-50.7099	-68.6109	-64.0313	108.3498	265.91
Si	-75.5684	-33.809	67.4924	108.3508	270.46
Si	55.6816	-55.6816	-74.4147	108.3647	262.95
Si	73.0826	-61.1533	-51.9173	108.3745	262.85
Si	-18.3939	-73.0826	-76.1453	108.4209	262.97
Si	-46.2382	-76.0684	58.8396	108.4256	256.45
Si	73.5825	75.5684	32.8809	108.4678	264.19
Si	65.6251	33.809	-81.337	108.5033	264.32
Si	-46.2382	-81.0401	51.9173	108.5604	258.64
Si	81.0401	-38.2807	-62.3007	108.5867	265.13
Si	-78.0543	41.2665	-62.3007	108.5867	267.26
Si	-38.2807	-78.0543	-62.3007	108.5867	265.48
Si	60.6534	58.6675	70.9536	108.643	262.59
Si	51.2099	61.1533	-76.1453	108.7624	263.04
Si	-58.1675	51.2099	76.1453	108.7624	263.16
Si	-70.5968	5.9646	81.337	108.7779	266.95
Si	30.8231	-75.5684	70.9536	108.7802	262.39
Si	51.2099	51.2099	83.0676	108.8292	265.45
Si	70.5968	-70.5968	43.2644	108.8305	265.05

Si	-68.6109	58.6675	-60.5701	108.8678	263.56
Si	58.6675	-53.6957	74.4147	108.8681	262.97
Si	-33.309	71.0967	-76.1453	108.8759	262.53
Si	75.5684	18.8939	77.8759	108.879	266.78
Si	25.8515	73.5825	77.8759	108.8802	263.97
Si	-78.5542	-40.7666	-60.5701	108.9135	266.9
Si	43.7524	-78.5542	60.5701	108.9135	264.53
Si	65.6251	-45.7383	-74.4147	109.0012	260.22
Si	-61.1533	-71.0967	-51.9173	109.0376	265.61
Si	-73.0826	-78.0543	0	109.0379	269.3
Si	76.0684	-73.0826	-27.6892	109.0399	266.87
Si	-28.8373	-75.5684	70.9536	109.054	264.8
Si	-78.5542	-35.7948	64.0313	109.0776	271.77
Si	33.809	-63.6392	81.337	109.0973	265.16
Si	-58.6675	48.724	77.8759	109.1545	260.85
Si	73.5825	-8.9505	81.337	109.1865	271.19
Si	-73.0826	41.2665	-69.223	109.2487	268.27
Si	81.0401	76.0684	-6.9223	109.2574	267.33
Si	76.0684	81.0401	-6.9223	109.2574	266.3
Si	73.0826	23.3656	-79.6064	109.2735	268.19
Si	73.5825	80.5401	-22.4975	109.323	267.06
Si	-75.5684	60.6534	-50.1867	109.3486	267.09
Si	-70.5968	-78.5542	19.0363	109.3931	267.29
Si	68.1109	58.1675	65.7618	109.4285	261.88
Si	-73.5825	43.7524	-67.4924	109.4414	268.27
Si	66.125	46.2382	76.1453	109.442	263.08
Si	46.2382	66.125	-76.1453	109.442	263.13
Si	-63.1392	-43.2524	76.1453	109.442	268.23
Si	-51.2099	-61.1533	-72.6842	109.4766	263.71
Si	78.0543	-76.0684	-10.3835	109.477	270.8
Si	-76.0684	28.3373	72.6842	109.6329	271.66
Si	40.7666	-60.6534	-81.337	109.6371	261.46
Si	-30.8231	-68.6109	-77.8759	109.6518	264.63
Si	50.7099	-75.5684	-60.5701	109.6791	268.45
Si	-80.5401	50.7099	53.6478	109.6806	262.34
Si	40.7666	78.5542	-67.4924	109.7092	259.3
Si	48.2241	-66.125	72.6842	109.7222	261.66
Si	61.1533	-38.2807	83.0676	109.7339	264.91
Si	58.1675	-81.0401	-44.995	109.7645	261.26
Si	78.5542	-63.6392	-43.2644	109.7836	269.66
Si	75.5684	-30.8231	-74.4147	109.8593	263.43
Si	25.8515	-75.5684	-74.4147	109.8606	268.82
Si	-73.5825	-75.5684	22.4975	109.9132	269.21
Si	-73.0826	66.125	48.4561	109.94	262.84
Si	66.125	-68.1109	-55.3784	109.9489	264.93
Si	-68.1109	66.125	55.3784	109.9489	261.09
Si	-56.1816	68.1109	65.7618	109.9497	252.85
Si	43.7524	-63.6392	-77.8759	109.9668	262.35
Si	-81.0401	3.4788	72.6842	109.9938	267.24
Si	-81.0401	3.4788	-72.6842	109.9938	272.45
Si	-80.5401	60.6534	-43.2644	110.0054	264.76
Si	78.0543	-71.0967	-31.1504	110.0057	268.85
Si	-41.2665	-81.0401	-58.8396	110.0098	265.25
Si	3.9787	75.5684	81.337	110.0413	275.3
Si	-8.9505	-75.5684	77.8759	110.0553	265.36
Si	38.7807	65.6251	81.337	110.0864	264.04
Si	-35.7948	65.6251	81.337	110.0864	263.79
Si	38.2807	68.1109	79.6064	110.1294	262.39
Si	78.5542	-48.724	60.5701	110.1314	264.87
Si	-48.724	-80.5401	-53.6478	110.1329	266.33
Si	71.0967	76.0684	-41.5338	110.142	259.15
Si	80.5401	43.7524	64.0313	110.1559	261.89

Si	58.6675	70.5968	-64.0313	110.2011	263.36
Si	-70.5968	-73.5825	-36.3421	110.2451	270.54
Si	33.309	78.0543	72.6842	110.2583	262.45
Si	78.0543	33.309	-72.6842	110.2583	268.37
Si	75.5684	-5.9646	-81.337	110.2656	270.61
Si	-70.5968	45.7383	-70.9536	110.4037	265.11
Si	78.5542	80.5401	-1.7306	110.4079	267.58
Si	58.6675	-78.5542	-50.1867	110.4318	260.78
Si	78.0543	3.4788	-79.6064	110.4662	273.56
Si	-78.0543	46.2382	62.3007	110.5047	261.08
Si	-31.3231	-81.0401	-65.7618	110.5134	261.9
Si	75.5684	-80.5401	1.7306	110.5423	269.12
Si	-8.4505	81.0401	-76.1453	110.5655	265.36
Si	71.0967	-38.2807	-76.1453	110.5655	261.12
Si	11.4363	81.0401	-76.1453	110.5655	274.17
Si	11.4363	-78.0543	-76.1453	110.5655	271.54
Si	-63.1392	-78.0543	-41.5338	110.5899	267.29
Si	73.0826	-41.2665	-72.6842	110.6184	262.86
Si	73.0826	-26.3514	79.6064	110.6236	264.02
Si	-68.6109	43.7524	-74.4147	110.6253	265.19
Si	-80.5401	75.5684	5.1917	110.6506	265.43
Si	-66.125	38.2807	-79.6064	110.7371	271.58
Si	-55.6816	55.6816	-77.8759	110.77	266.57
Si	-48.724	-70.5968	-67.4924	110.7876	265.61
Si	60.6534	53.6957	77.8759	110.8591	264.14
Si	-63.6392	-80.5401	36.3421	110.8709	267.25
Si	73.5825	-68.6109	46.7255	110.8816	264.86
Si	43.2524	-71.0967	-72.6842	110.8877	264.59
Si	70.5968	78.5542	-39.8032	110.8968	260.93
Si	75.5684	-25.8515	77.8759	110.9033	266.96
Si	81.0401	36.2948	69.223	111.0439	264.03
Si	-45.7383	60.6534	81.337	111.1146	260.61
Si	16.408	-78.0543	-76.1453	111.123	273.61
Si	-66.125	-81.0401	31.1504	111.1495	269.37
Si	-38.7807	73.5825	-74.4147	111.1595	262.05
Si	71.0967	26.3514	83.0676	111.1884	269.09
Si	-41.2665	-71.0967	-72.6842	111.2682	264.07
Si	-53.1958	81.0401	55.3784	111.2896	256.48
Si	-78.0543	56.1816	55.3784	111.2896	261.98
Si	-55.6816	80.5401	53.6478	111.335	258.62
Si	-76.0684	8.4505	79.6064	111.3614	267.42
Si	-15.908	75.5684	81.337	111.3808	264.76
Si	-80.5401	-23.8655	-70.9536	111.3862	269.41
Si	-45.7383	65.6251	-77.8759	111.3928	261.69
Si	78.0543	73.0826	38.0727	111.518	264.91
Si	-68.6109	78.5542	-39.8032	111.5226	263.53
Si	28.8373	-73.5825	-77.8759	111.5737	268
Si	-23.8655	73.5825	-81.337	111.605	264.38
Si	78.5542	50.7099	-64.0313	111.6278	260.13
Si	-73.5825	53.6957	64.0313	111.6309	259.93
Si	61.1533	46.2382	83.0676	111.6321	262.71
Si	76.0684	1.4929	83.0676	111.6321	274.78
Si	-78.5542	68.6109	-39.8032	111.7885	264.99
Si	-80.5401	-13.9222	74.4147	111.824	272.54
Si	-33.809	73.5825	77.8759	111.8382	262.55
Si	43.7524	65.6251	81.337	111.8682	262.48
Si	-58.6675	63.6392	70.9536	111.8742	253.67
Si	21.3797	81.0401	-76.1453	111.8988	269.97
Si	21.3797	-78.0543	76.1453	111.8988	264.38
Si	-58.1675	66.125	69.223	111.9308	253.3
Si	-33.809	-80.5401	-67.4924	111.9414	263.2
Si	80.5401	28.8373	-74.4147	111.9542	269.07

Si	78.0543	58.1675	58.8396	111.9632	257.21
Si	-65.6251	70.5968	-57.109	111.9893	260.05
Si	58.6675	-63.6392	-70.9536	112.0068	258.13
Si	73.5825	75.5684	-43.2644	112.0532	260.98
Si	78.5542	-48.724	-64.0313	112.0723	260.03
Si	36.2948	76.0684	-76.1453	112.1195	259.85
Si	73.0826	-76.0684	38.0727	112.2068	266.25
Si	33.809	75.5684	-77.8759	112.2326	260.17
Si	-41.2665	68.1109	79.6064	112.2654	262.96
Si	56.1816	71.0967	-69.223	112.3716	264.14
Si	71.0967	56.1816	-69.223	112.3716	259.64
Si	-61.1533	-76.0684	-51.9173	112.4086	265.95
Si	-75.5684	-23.8655	-77.8759	112.4551	265.82
Si	-23.8655	78.5542	77.8759	112.4551	262.98
Si	-56.1816	78.0543	58.8396	112.4726	259.03
Si	-78.0543	-73.0826	-27.6892	112.4987	271.57
Si	66.125	41.2665	83.0676	112.5143	264.04
Si	80.5401	-35.7948	70.9536	112.5756	266.43
Si	-16.408	-76.0684	-79.6064	112.5761	264.47
Si	-16.408	-76.0684	79.6064	112.5761	265.24
Si	-68.6109	-65.6251	57.109	112.609	264.15
Si	51.2099	-78.0543	-62.3007	112.6096	266.69
Si	51.2099	-78.0543	62.3007	112.6096	264.11
Si	-78.5542	73.5825	-32.8809	112.6305	267.84
Si	73.0826	-46.2382	-72.6842	112.6336	265.25
Si	78.0543	78.0543	31.1504	112.6661	265.2
Si	-75.5684	-63.6392	-50.1867	112.6913	267.03
Si	65.6251	-80.5401	43.2644	112.7571	263.31
Si	-68.6109	78.5542	43.2644	112.8042	266.78
Si	70.5968	-60.6534	64.0313	112.8605	258.52
Si	-73.5825	33.809	77.8759	112.8951	269.93
Si	33.809	-73.5825	-77.8759	112.8951	266.37
Si	53.6957	75.5684	67.4924	112.9936	263.29
Si	-15.908	-78.5542	-77.8759	113.0265	264.08
Si	-56.1816	73.0826	-65.7618	113.0312	259.07
Si	76.0684	66.125	55.3784	113.1618	258.87
Si	-20.8798	80.5401	-77.8759	113.1974	262.85
Si	-58.6675	-75.5684	57.109	113.2217	259.77
Si	-73.0826	-48.2241	69.223	113.248	257.77
Si	81.0401	66.125	-48.4561	113.3713	262.19
Si	-63.1392	-78.0543	-48.4561	113.3713	263.6
Si	58.6675	75.5684	-64.0313	113.3848	264.2
Si	21.3797	-73.0826	83.0676	113.3897	267.44
Si	53.1958	78.0543	65.7618	113.3996	262.88
Si	25.8515	-80.5401	-74.4147	113.4033	268.14
Si	-65.6251	75.5684	53.6478	113.4464	260.07
Si	75.5684	-65.6251	-53.6478	113.4464	262.46
Si	43.2524	-81.0401	65.7618	113.4908	262.34
Si	-68.1109	-78.0543	41.5338	113.5672	267.88
Si	-63.1392	71.0967	62.3007	113.593	256.4
Si	-71.0967	-56.1816	-65.7618	113.6671	260.23
Si	20.8798	78.5542	-81.337	113.7102	269.52
Si	38.7807	75.5684	-77.8759	113.7639	258.56
Si	75.5684	-35.7948	77.8759	113.7639	263.28
Si	-58.1675	81.0401	55.3784	113.8151	260.7
Si	61.1533	81.0401	55.3784	113.8151	263.42
Si	-78.0543	-58.1675	-55.3784	113.8152	264.41
Si	-81.0401	78.0543	-17.3058	113.8984	271.92
Si	68.1109	78.0543	51.9173	113.9957	261.87
Si	-61.1533	63.1392	72.6842	114.0517	254.4
Si	73.0826	78.0543	-44.995	114.067	259.54
Si	-58.6675	-60.6534	-74.4147	114.1007	263.16

Si	68.1109	73.0826	-58.8396	114.1277	260.06
Si	-71.0967	-36.2948	-79.6064	114.1681	266.56
Si	80.5401	-45.7383	-67.4924	114.1686	260.45
Si	68.1109	-56.1816	72.6842	114.2247	257.12
Si	-63.6392	-55.6816	-74.4147	114.2308	262.13
Si	80.5401	-75.5684	29.4198	114.2473	270.47
Si	-75.5684	-63.6392	53.6478	114.2748	264.43
Si	80.5401	-50.7099	64.0313	114.3399	264.29
Si	-53.6957	-75.5684	64.0313	114.3864	258.69
Si	78.5542	-53.6957	-64.0313	114.3864	260.58
Si	81.0401	81.0401	-20.7669	114.3975	271.53
Si	-80.5401	70.5968	39.8032	114.4074	264.31
Si	-63.6392	-70.5968	-60.5701	114.4895	262.16
Si	71.0967	-48.2241	76.1453	114.5189	259.99
Si	-68.1109	51.2099	76.1453	114.5189	265.49
Si	75.5684	33.809	-81.337	114.6613	267.91
Si	-80.5401	-63.6392	46.7255	114.6947	263.2
Si	50.7099	73.5825	-74.4147	114.703	263.38
Si	-66.125	73.0826	-58.8396	114.7142	261.58
Si	73.0826	-76.0684	-44.995	114.7405	261.61
Si	-73.5825	-60.6534	-60.5701	114.7485	262
Si	78.0543	78.0543	38.0727	114.7729	264.41
Si	43.7524	70.5968	81.337	114.7907	259.56
Si	-46.2382	-66.125	-79.6064	114.8374	263.42
Si	73.5825	-78.5542	39.8032	114.8423	263.95
Si	61.1533	-68.1109	-69.223	114.8733	257.84
Si	8.4505	-81.0401	79.6064	114.8795	275.71
Si	-45.7383	-68.6109	-77.8759	114.9346	263.05
Si	-68.6109	-55.6816	70.9536	114.969	258.06
Si	1.4929	81.0401	83.0676	115.013	277.09
Si	1.4929	-78.0543	83.0676	115.013	275.8
Si	-68.6109	-80.5401	-39.8032	115.0142	264.99
Si	-80.5401	50.7099	-64.0313	115.1162	260.29
Si	-81.0401	13.4222	79.6064	115.2874	268.4
Si	-76.0684	-71.0967	-44.995	115.367	266.11
Si	36.2948	-78.0543	-76.1453	115.4861	264.68
Si	80.5401	-80.5401	-19.0363	115.5001	269.77
Si	65.6251	-80.5401	50.1867	115.59	263.34
Si	73.0826	-61.1533	-65.7618	115.6471	259.65
Si	-80.5401	-78.5542	-15.5752	115.67	270.55
Si	78.0543	58.1675	65.7618	115.7509	255.19
Si	63.6392	55.6816	81.337	115.8201	262.77
Si	-46.2382	-81.0401	65.7618	115.8213	259.37
Si	-61.1533	-81.0401	51.9173	115.895	260
Si	-81.0401	-61.1533	-51.9173	115.895	266.71
Si	-75.5684	-73.5825	-43.2644	115.9594	265.36
Si	-13.4222	-78.0543	83.0676	115.9761	264.13
Si	-50.7099	65.6251	81.337	115.9904	258.08
Si	-73.5825	-55.6816	-67.4924	116.0193	262.47
Si	76.0684	-68.1109	55.3784	116.0731	262.1
Si	-65.6251	55.6816	-77.8759	116.2148	266.15
Si	-78.0543	-68.1109	48.4561	116.2774	264.02
Si	61.1533	66.125	76.1453	116.3391	260.62
Si	61.1533	-63.1392	76.1453	116.3391	254.43
Si	50.7099	68.6109	-81.337	116.3737	261.91
Si	66.125	-78.0543	-55.3784	116.4982	259.89
Si	-78.0543	66.125	-55.3784	116.4982	260.15
Si	-66.125	53.1958	-79.6064	116.5442	266.62
Si	53.1958	-66.125	79.6064	116.5442	257.47
Si	-63.6392	-50.7099	-81.337	116.5463	262.7
Si	-48.2241	81.0401	-69.223	116.582	263
Si	28.8373	80.5401	81.337	116.67	263.43

Si	68.6109	-48.724	81.337	116.8001	259.94
Si	-73.5825	-35.7948	-81.337	116.8007	265.58
Si	78.5542	-58.6675	-64.0313	116.8663	259.21
Si	-58.6675	-65.6251	-74.4147	116.883	262.81
Si	-56.1816	-76.0684	-65.7618	116.9048	262.49
Si	-51.2099	-66.125	-79.6064	116.9912	262.52
Si	-50.7099	-68.6109	-77.8759	117.0655	263.93
Si	-70.5968	-73.5825	53.6478	117.0954	261.36
Si	-80.5401	-28.8373	-77.8759	117.1067	264.79
Si	-75.5684	65.6251	60.5701	117.1329	254.84
Si	-80.5401	20.8798	81.337	117.1366	272.33
Si	-55.6816	-68.6109	74.4147	117.1368	259.57
Si	78.5542	35.7948	81.337	117.1784	267.85
Si	73.5825	60.6534	-70.9536	117.1806	261.37
Si	-56.1816	73.0826	-72.6842	117.1939	259.62
Si	78.0543	78.0543	44.995	117.2512	262.64
Si	68.1109	78.0543	58.8396	117.3103	264.11
Si	61.1533	81.0401	62.3007	117.3392	263.57
Si	-60.6534	80.5401	60.5701	117.3855	260.24
Si	-61.1533	-66.125	-72.6842	117.387	263.98
Si	-48.724	73.5825	77.8759	117.4023	257.09
Si	48.2241	-71.0967	-79.6064	117.4319	261.1
Si	-65.6251	-78.5542	53.6478	117.4328	258.93
Si	-80.5401	-78.5542	25.9586	117.5194	270.53
Si	-60.6534	-68.6109	-70.9536	117.5207	264.71
Si	71.0967	-63.1392	-69.223	117.5322	259.63
Si	78.0543	53.1958	-72.6842	117.5492	261.32
Si	51.2099	-73.0826	76.1453	117.6069	257.45
Si	-65.6251	70.5968	67.4924	117.6239	257.19
Si	-81.0401	43.2524	72.6842	117.6373	263.31
Si	-81.0401	28.3373	-79.6064	117.7689	269.19
Si	-56.1816	-71.0967	-72.6842	117.8074	263.19
Si	-71.0967	-56.1816	72.6842	117.8074	257.29
Si	73.0826	68.1109	65.7618	117.8459	257.74
Si	-60.6534	75.5684	67.4924	117.9176	255.97
Si	78.5542	55.6816	-70.9536	117.9376	260.38
Si	43.2524	78.0543	79.6064	118.0792	259.81
Si	-70.5968	75.5684	-57.109	118.0912	260.12
Si	-65.6251	-68.6109	67.4924	118.2141	259.04
Si	-71.0967	-76.0684	51.9173	118.2388	261.66
Si	60.6534	78.5542	-67.4924	118.2947	261.99
Si	80.5401	48.724	-74.4147	118.3926	260.2
Si	-41.2665	78.0543	-79.6064	118.4365	257.16
Si	-76.0684	-76.0684	-44.995	118.5583	265.7
Si	60.6534	-65.6251	77.8759	118.6146	254.95
Si	-58.6675	-60.6534	-81.337	118.7314	264.76
Si	-68.6109	78.5542	57.109	118.8041	261.23
Si	-28.3373	81.0401	83.0676	118.8185	264.25
Si	-43.2524	81.0401	-76.1453	118.8613	258.97
Si	-63.1392	-63.1392	-76.1453	118.9652	263.55
Si	66.125	-63.1392	76.1453	118.9652	253.75
Si	33.309	-81.0401	79.6064	119.0006	260.43
Si	-50.7099	-78.5542	-70.9536	119.0256	263.02
Si	-81.0401	-61.1533	58.8396	119.1568	265.98
Si	-68.1109	51.2099	83.0676	119.2338	266.55
Si	-78.5542	78.5542	43.2644	119.2384	263.16
Si	-31.3231	-81.0401	79.6064	119.2718	261.86
Si	-81.0401	-31.3231	-79.6064	119.2718	265.01
Si	-81.0401	-31.3231	79.6064	119.2718	265.75
Si	-68.1109	-78.0543	55.3784	119.3282	260.35
Si	71.0967	-73.0826	62.3007	119.5306	257.52
Si	-68.1109	76.0684	-62.3007	119.5306	259.39

Si	-66.125	68.1109	-72.6842	119.5539	256.83
Si	58.1675	-81.0401	65.7618	119.7845	264.09
Si	-73.0826	-53.1958	76.1453	119.7934	256.53
Si	-78.0543	66.125	62.3007	119.9435	254.85
Si	80.5401	68.6109	-60.5701	120.0918	258.36
Si	-66.125	-66.125	72.6842	120.1139	259.87
Si	73.0826	78.0543	58.8396	120.2033	263.97
Si	78.0543	-56.1816	72.6842	120.2954	258.26
Si	45.7383	78.5542	-81.337	120.465	258.61
Si	-76.0684	48.2241	79.6064	120.5684	262.4
Si	80.5401	-45.7383	77.8759	120.5981	260.28
Si	68.6109	75.5684	67.4924	120.6119	258.48
Si	-78.5542	68.6109	-60.5701	120.7523	258.16
Si	-43.7524	78.5542	-81.337	120.8358	258.6
Si	73.0826	-76.0684	-58.8396	120.8426	260.34
Si	60.6534	68.6109	-81.337	120.9152	258.56
Si	68.1109	78.0543	-65.7618	120.9307	260.91
Si	73.0826	-81.0401	51.9173	120.9636	263.62
Si	58.6675	70.5968	81.337	121.0784	258.47
Si	-58.1675	-78.0543	69.223	121.1567	258.91
Si	-53.1958	71.0967	83.0676	121.391	257.69
Si	-58.6675	-65.6251	-81.337	121.4076	265.35
Si	78.0543	-66.125	-65.7618	121.4844	258.09
Si	-81.0401	53.1958	-72.6842	121.5231	259.95
Si	81.0401	-38.2807	83.0676	121.696	263.39
Si	70.5968	-75.5684	64.0313	121.712	258.8
Si	70.5968	-65.6251	-74.4147	121.728	258.3
Si	75.5684	-55.6816	77.8759	121.7406	257.84
Si	-60.6534	-78.5542	67.4924	121.7577	260.46
Si	-81.0401	-76.0684	-44.995	121.8688	265.14
Si	-66.125	-76.0684	-65.7618	122.117	260.64
Si	-73.0826	61.1533	76.1453	122.1433	258.05
Si	76.0684	-58.1675	-76.1453	122.1433	260.48
Si	-56.1816	-71.0967	79.6064	122.1998	260.96
Si	-48.2241	76.0684	83.0676	122.2028	258.99
Si	55.6816	78.5542	77.8759	122.2273	260.52
Si	81.0401	-73.0826	-55.3784	122.2948	264.23
Si	76.0684	81.0401	55.3784	122.2949	262.87
Si	-78.0543	76.0684	55.3784	122.2949	259.23
Si	60.6534	78.5542	-74.4147	122.3763	259.8
Si	63.6392	-73.5825	74.4147	122.6215	256.94
Si	-53.6957	78.5542	77.8759	122.6739	256.99
Si	81.0401	-68.1109	-62.3007	122.694	258.9
Si	71.0967	-78.0543	-62.3007	122.694	260.19
Si	-73.5825	-65.6251	70.9536	123.1891	259.04
Si	-73.0826	71.0967	69.223	123.2802	256.44
Si	71.0967	-73.0826	69.223	123.2802	258.9
Si	68.1109	68.1109	-79.6064	123.3414	258.94
Si	-55.6816	-78.5542	74.4147	123.3452	258.36
Si	58.6675	-78.5542	74.4147	123.3452	260.49
Si	78.5542	-63.6392	-70.9536	123.3493	260.03
Si	78.0543	73.0826	-65.7618	123.7391	260.48
Si	-80.5401	-48.724	-77.8759	123.7571	260.19
Si	75.5684	58.6675	-81.337	123.9832	259.88
Si	-81.0401	-46.2382	-79.6064	124.206	258.17
Si	-66.125	-66.125	-79.6064	124.4249	263.63
Si	-68.1109	-68.1109	76.1453	124.4487	260.26
Si	-76.0684	-81.0401	-51.9173	124.5907	261.05
Si	78.0543	-56.1816	-79.6064	124.6001	257.75
Si	-75.5684	75.5684	-64.0313	124.6019	257.42
Si	68.6109	75.5684	74.4147	124.6177	256.61
Si	-75.5684	65.6251	74.4147	124.8557	259.48

Si	65.6251	-75.5684	-74.4147	124.8557	256.69
Si	-80.5401	-78.5542	-50.1867	125.1226	263.21
Si	-73.5825	-75.5684	64.0313	125.199	256.27
Si	61.1533	-78.0543	-76.1453	125.2407	256.95
Si	81.0401	-78.0543	-55.3784	125.3885	263.83
Si	-78.5542	-50.7099	-81.337	125.4926	259.44
Si	-70.5968	-73.5825	-70.9536	125.9669	259.85
Si	-73.0826	-73.0826	-69.223	126.154	260.32
Si	66.125	-68.1109	83.0676	126.1833	254.86
Si	81.0401	71.0967	-69.223	126.3498	261.48
Si	-68.1109	81.0401	-69.223	126.3498	257.07
Si	75.5684	63.6392	-81.337	126.3529	260.2
Si	75.5684	78.5542	-67.4924	126.4154	258.86
Si	80.5401	-70.5968	-67.4924	126.4935	259.97
Si	76.0684	-58.1675	83.0676	126.5745	256.64
Si	76.0684	61.1533	83.0676	126.5745	261.51
Si	60.6534	-75.5684	-81.337	126.7049	257.28
Si	80.5401	63.6392	77.8759	127.1821	259.24
Si	71.0967	76.0684	-76.1453	127.2961	257.8
Si	71.0967	76.0684	76.1453	127.2961	255.65
Si	73.5825	75.5684	74.4147	127.3643	257.67
Si	78.5542	-63.6392	-77.8759	127.457	259.72
Si	-80.5401	55.6816	81.337	127.5992	259.66
Si	-76.0684	-81.0401	-58.8396	127.6305	261.54
Si	-63.1392	-78.0543	-76.1453	127.6839	260.61
Si	-76.0684	-76.0684	65.7618	127.8911	257.09
Si	-68.6109	78.5542	-74.4147	128.0255	255.25
Si	-80.5401	-73.5825	-64.0313	128.3189	259.79
Si	-56.1816	-81.0401	-79.6064	128.3559	258.32
Si	-70.5968	80.5401	-70.9536	128.3737	255.47
Si	-80.5401	-63.6392	74.4147	128.488	258.6
Si	68.1109	-81.0401	-72.6842	128.5793	257.57
Si	-71.0967	-76.0684	-72.6842	128.7167	260.3
Si	-68.1109	-68.1109	83.0676	128.8006	262.6
Si	71.0967	-68.1109	83.0676	128.8006	255.12
Si	-73.5825	-75.5684	70.9536	128.8766	255.26
Si	-80.5401	80.5401	60.5701	129.0218	258.57
Si	-73.0826	81.0401	-69.223	129.1553	256.34
Si	76.0684	-78.0543	69.223	129.1553	260.2
Si	76.0684	-78.0543	-69.223	129.1553	259.48
Si	63.6392	80.5401	81.337	129.3303	257.68
Si	-70.5968	-68.6109	81.337	129.3336	261.8
Si	-73.0826	76.0684	-76.1453	130.0812	255.59
Si	-81.0401	63.1392	-79.6064	130.1889	260.23
Si	-80.5401	80.5401	-64.0313	130.6824	258.19
Si	-78.5542	73.5825	-74.4147	130.9275	257.26
Si	-76.0684	78.0543	72.6842	130.9977	254.35
Si	-78.0543	-63.1392	83.0676	131.9291	259.65
Si	-76.0684	-71.0967	79.6064	132.7486	259.4
Si	73.5825	-78.5542	-77.8759	132.9252	256.88
Si	-73.0826	-78.0543	76.1453	132.9939	253.55
Si	-75.5684	80.5401	74.4147	133.1333	252.61
Si	-78.5542	78.5542	-74.4147	133.7294	258.37
Si	-78.5542	73.5825	-81.337	134.9821	260.98
Si	78.5542	80.5401	81.337	137.1227	258.93
Si	-80.5401	75.5684	81.337	137.2309	260.32
Si	-81.0401	-81.0401	72.6842	137.5005	253.34
Si	-81.0401	-81.0401	-72.6842	137.5005	258.9
Si	-78.5542	78.5542	-81.337	137.7015	259.44
Si	-80.5401	-73.5825	81.337	137.7732	259.8
Si	-81.0401	-76.0684	-79.6064	138.4364	258.36
Si	80.5401	-80.5401	-81.337	139.9771	258.58