

Table V Wavenumbers of the Observed and Calculated Transitions in the $\nu_2 + \nu_3$ Band of $\text{F}^{35}\text{Cl}^{16}\text{O}_3$

(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
65	66	0	1237.53774	1237.53932	-0.00158	0.00	3	4	0	1261.42429	1261.42412	0.00017	1.00
64	65	0	1237.95641	1237.95445	0.00196	0.00	2	3	0	1261.78214	1261.77799	0.00415	0.00
63	64	0	1238.36771	1238.36861	-0.00091	1.00	1	2	0	1262.13125	1262.13085	0.00040	1.00
62	63	0	1238.78048	1238.78181	-0.00133	0.00	0	1	0	1262.48188	1262.48269	-0.00081	1.00
61	62	0	1239.19301	1239.19403	-0.00103	1.00	2	1	0	1263.53202	1263.53209	-0.00007	1.00
60	61	0	1239.60874	1239.60529	0.00345	0.00	3	2	0	1263.87948	1263.87985	-0.00037	1.00
59	60	0	1240.01931	1240.01557	0.00373	0.00	4	3	0	1264.22651	1264.22659	-0.00008	1.00
58	59	0	1240.42386	1240.42489	-0.00103	1.00	5	4	0	1264.57505	1264.57230	0.00275	0.00
57	58	0	1240.83173	1240.83323	-0.00149	0.00	6	5	0	1264.91700	1264.91698	0.00002	1.00
56	57	0	1241.24025	1241.24060	-0.00034	1.00	7	6	0	1265.25997	1265.26064	-0.00067	1.00
55	56	0	1241.64665	1241.64700	-0.00035	1.00	8	7	0	1265.60632	1265.60327	0.00305	0.00
54	55	0	1242.05140	1242.05242	-0.00102	1.00	9	8	0	1265.94446	1265.94487	-0.00041	1.00
53	54	0	1242.45574	1242.45687	-0.00113	0.00	10	9	0	1266.28498	1266.28543	-0.00045	1.00
52	53	0	1242.86318	1242.86035	0.00283	0.00	11	10	0	1266.62784	1266.62497	0.00287	0.00
51	52	0	1243.26177	1243.26286	-0.00108	1.00	12	11	0	1266.96315	1266.96347	-0.00033	1.00
50	51	0	1243.66335	1243.66438	-0.00104	1.00	13	12	0	1267.30040	1267.30094	-0.00054	1.00
49	50	0	1244.06439	1244.06494	-0.00055	1.00	14	13	0	1267.63650	1267.63737	-0.00087	1.00
48	49	0	1244.46409	1244.46452	-0.00043	1.00	15	14	0	1267.97169	1267.97276	-0.00108	0.00
47	48	0	1244.86577	1244.86312	0.00265	0.00	16	15	0	1268.31013	1268.30712	0.00302	0.00
46	47	0	1245.26031	1245.26074	-0.00043	1.00	17	16	0	1268.64055	1268.64043	0.00012	1.00
45	46	0	1245.65697	1245.65739	-0.00042	1.00	18	17	0	1268.97246	1268.97270	-0.00024	1.00
44	45	0	1246.05253	1246.05306	-0.00053	1.00	19	18	0	1269.30698	1269.30392	0.00305	0.00
43	44	0	1246.44692	1246.44775	-0.00083	1.00	20	19	0	1269.63327	1269.63411	-0.00084	1.00
42	43	0	1246.84088	1246.84146	-0.00058	1.00	21	20	0	1269.96265	1269.96324	-0.00060	1.00
41	42	0	1247.23346	1247.23419	-0.00073	1.00	22	21	0	1270.29390	1270.29133	0.00258	0.00
40	41	0	1247.62600	1247.62594	0.00006	1.00	23	22	0	1270.62139	1270.61837	0.00302	0.00
39	40	0	1248.01609	1248.01671	-0.00062	1.00	24	23	0	1270.94407	1270.94435	-0.00028	1.00
38	39	0	1248.40593	1248.40649	-0.00057	1.00	25	24	0	1271.26889	1271.26929	-0.00040	1.00
37	38	0	1248.79479	1248.79530	-0.00051	1.00	26	25	0	1271.59184	1271.59317	-0.00133	0.00
36	37	0	1249.18287	1249.18312	-0.00025	1.00	27	26	0	1271.91581	1271.91599	-0.00018	1.00
35	36	0	1249.57299	1249.56995	0.00303	0.00	28	27	0	1272.23978	1272.23776	0.00202	0.00
34	35	0	1249.95873	1249.95581	0.00292	0.00	29	28	0	1272.56121	1272.55847	0.00275	0.00
33	34	0	1250.33953	1250.34067	-0.00114	0.00	30	29	0	1272.87738	1272.87812	-0.00074	1.00
32	33	0	1250.72321	1250.72455	-0.00134	0.00	31	30	0	1273.19659	1273.19670	-0.00011	1.00
31	32	0	1251.10650	1251.10744	-0.00095	1.00	32	31	0	1273.51640	1273.51422	0.00217	0.00
30	31	0	1251.48894	1251.48935	-0.00041	1.00	82	83	3	1230.33930	1230.33804	0.00126	0.00
29	30	0	1251.86983	1251.87026	-0.00043	1.00	81	82	3	1230.77049	1230.76959	0.00090	1.00
28	29	0	1252.24972	1252.25019	-0.00047	1.00	80	81	3	1231.19953	1231.20017	-0.00065	1.00
27	28	0	1252.62882	1252.62912	-0.00030	1.00	79	80	3	1231.62982	1231.62980	0.00002	1.00
26	27	0	1253.00656	1253.00707	-0.00051	1.00	78	79	3	1232.05824	1232.05846	-0.00021	1.00
25	26	0	1253.38368	1253.38402	-0.00034	1.00	77	78	3	1232.48658	1232.48615	0.00043	1.00
24	25	0	1253.75953	1253.75998	-0.00045	1.00	76	77	3	1232.91414	1232.91288	0.00126	0.00
23	24	0	1254.13773	1254.13494	0.00279	0.00	75	76	3	1233.33868	1233.33864	0.00003	1.00
22	23	0	1254.50863	1254.50891	-0.00028	1.00	74	75	3	1233.76413	1233.76344	0.00068	1.00
21	22	0	1254.88128	1254.88189	-0.00061	1.00	73	74	3	1234.18623	1234.18728	-0.00105	0.00
20	21	0	1255.25399	1255.25387	0.00012	1.00	72	73	3	1234.60984	1234.61015	-0.00031	1.00
19	20	0	1255.62755	1255.62485	0.00270	0.00	71	72	3	1235.03031	1235.03205	-0.00173	0.00
18	19	0	1255.99745	1255.99483	0.00262	0.00	70	71	3	1235.45257	1235.45298	-0.00041	1.00
17	18	0	1256.36651	1256.36382	0.00269	0.00	69	70	3	1235.87345	1235.87295	0.00050	1.00
16	17	0	1256.73149	1256.73180	-0.00031	1.00	68	69	3	1236.29274	1236.29196	0.00079	1.00
15	16	0	1257.09847	1257.09878	-0.00031	1.00	67	68	3	1236.71016	1236.70999	0.00017	1.00
14	15	0	1257.46696	1257.46476	0.00220	0.00	66	67	3	1237.12677	1237.12706	-0.00029	1.00
13	14	0	1257.82967	1257.82974	-0.00008	1.00	65	66	3	1237.54316	1237.54316	0.00000	1.00
12	13	0	1258.19670	1258.19371	0.00298	0.00	64	65	3	1237.95641	1237.95829	-0.00188	0.00
11	12	0	1258.55586	1258.55668	-0.00082	1.00	63	64	3	1238.37243	1238.37245	-0.00002	1.00
10	11	0	1258.92120	1258.91865	0.00256	0.00	62	63	3	1238.78573	1238.78565	0.00008	1.00
9	10	0	1259.27911	1259.27960	-0.00049	1.00	61	62	3	1239.19793	1239.19787	0.00006	1.00
8	9	0	1259.64210	1259.63955	0.00256	0.00	60	61	3	1239.60874	1239.60912	-0.00038	1.00
7	8	0	1259.99747	1259.99848	-0.00101	1.00	59	60	3	1240.01931	1240.01941	-0.00010	1.00
6	7	0	1260.35879	1260.35641	0.00238	0.00	58	59	3	1240.42863	1240.42872	-0.00009	1.00
5	6	0	1260.71256	1260.71333	-0.00077	1.00	57	58	3	1240.83698	1240.83706	-0.00008	1.00
4	5	0	1261.06940	1261.06923	0.00018	1.00	56	57	3	1241.24506	1241.24443	0.00063	1.00

(I) In order the values of J upper, J lower and K lower are reported.

(II) Observed wavenumbers (in cm^{-1}).

(III) Calculated wavenumbers (in cm^{-1}).

(IV) Observed – Calculated values (in cm^{-1}).

(V) Transition weight..

Continued

(I)			(II)		(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
55	56	3	1241.65103	1241.65083	0.00020	1.00		28	27	3	1272.23978	1272.24151	-0.00173	0.00
54	55	3	1242.05627	1242.05625	0.00002	1.00		29	28	3	1272.56121	1272.56222	-0.00100	0.00
53	54	3	1242.46082	1242.46070	0.00012	1.00		30	29	3	1272.88210	1272.88186	0.00024	1.00
52	53	3	1242.86318	1242.86418	-0.00100	0.00		31	30	3	1273.20077	1273.20045	0.00032	1.00
51	52	3	1243.26688	1243.26668	0.00019	1.00		32	31	3	1273.51640	1273.51797	-0.00157	0.00
50	51	3	1243.66813	1243.66821	-0.00008	1.00		33	32	3	1273.83518	1273.83443	0.00075	1.00
49	50	3	1244.06907	1244.06877	0.00031	1.00		34	33	3	1274.14992	1274.14982	0.00011	1.00
48	49	3	1244.46838	1244.46834	0.00003	1.00		35	34	3	1274.46276	1274.46414	-0.00138	0.00
47	48	3	1244.86577	1244.86694	-0.00117	0.00		36	35	3	1274.77838	1274.77739	0.00099	1.00
46	47	3	1245.26455	1245.26457	-0.00002	1.00		37	36	3	1275.08839	1275.08957	-0.00118	0.00
45	46	3	1245.66112	1245.66121	-0.00010	1.00		38	37	3	1275.40124	1275.40067	0.00056	1.00
44	45	3	1246.05700	1246.05688	0.00012	1.00		39	38	3	1275.71123	1275.71071	0.00053	1.00
43	44	3	1246.45161	1246.45157	0.00004	1.00		40	39	3	1276.02113	1276.01966	0.00147	0.00
42	43	3	1246.84550	1246.84528	0.00022	1.00		41	40	3	1276.32727	1276.32754	-0.00027	1.00
41	42	3	1247.23790	1247.23801	-0.00011	1.00		42	41	3	1276.63392	1276.63433	-0.00041	1.00
40	41	3	1247.62958	1247.62976	-0.00018	1.00		43	42	3	1276.93780	1276.94004	-0.00225	0.00
39	40	3	1248.02052	1248.02053	0.00000	1.00		44	43	3	1277.24654	1277.24467	0.00186	0.00
38	39	3	1248.41027	1248.41031	-0.00004	1.00		45	44	3	1277.54863	1277.54822	0.00041	1.00
37	38	3	1248.79926	1248.79911	0.00014	1.00		46	45	3	1277.84866	1277.85067	-0.00201	0.00
36	37	3	1249.18703	1249.18693	0.00010	1.00		47	46	3	1278.15480	1278.15204	0.00276	0.00
35	36	3	1249.57299	1249.57377	-0.00078	1.00		48	47	3	1278.45069	1278.45232	-0.00163	0.00
34	35	3	1249.95873	1249.95962	-0.00089	1.00		49	48	3	1278.75166	1278.75150	0.00016	1.00
33	34	3	1250.34448	1250.34448	0.00000	1.00		82	83	6	1230.35000	1230.34960	0.00040	1.00
32	33	3	1250.72839	1250.72836	0.00003	1.00		81	82	6	1230.78282	1230.78115	0.00167	0.00
31	32	3	1251.11146	1251.11125	0.00021	1.00		80	81	6	1231.21064	1231.21173	-0.00109	0.00
30	31	3	1251.49344	1251.49315	0.00029	1.00		79	80	6	1231.64013	1231.64135	-0.00122	0.00
29	30	3	1251.87409	1251.87407	0.00003	1.00		78	79	6	1232.06977	1232.07001	-0.00023	1.00
28	29	3	1252.25413	1252.25399	0.00014	1.00		77	78	6	1232.49930	1232.49770	0.00160	0.00
27	28	3	1252.63301	1252.63293	0.00009	1.00		76	77	6	1232.92441	1232.92443	-0.00001	1.00
26	27	3	1253.01100	1253.01087	0.00013	1.00		75	76	6	1233.34999	1233.35019	-0.00020	1.00
25	26	3	1253.38774	1253.38782	-0.00008	1.00		74	75	6	1233.77513	1233.77499	0.00015	1.00
24	25	3	1253.76391	1253.76378	0.00013	1.00		73	74	6	1234.19998	1234.19882	0.00116	0.00
23	24	3	1254.13773	1254.13874	-0.00101	0.00		72	73	6	1234.62170	1234.62168	0.00002	1.00
22	23	3	1254.51287	1254.51271	0.00016	1.00		71	72	6	1235.04338	1235.04358	-0.00021	1.00
21	22	3	1254.88592	1254.88569	0.00023	1.00		70	71	6	1235.46431	1235.46452	-0.00021	1.00
20	21	3	1255.25762	1255.25767	-0.00005	1.00		69	70	6	1235.88489	1235.88448	0.00041	1.00
19	20	3	1255.62755	1255.62865	-0.00109	0.00		68	69	6	1236.30358	1236.30349	0.00010	1.00
18	19	3	1255.99745	1255.99863	-0.00117	0.00		67	68	6	1236.72149	1236.72152	-0.00003	1.00
17	18	3	1256.36651	1256.36761	-0.00110	0.00		66	67	6	1237.13861	1237.13858	0.00002	1.00
16	17	3	1256.73565	1256.73559	0.00005	1.00		65	66	6	1237.55493	1237.55468	0.00025	1.00
15	16	3	1257.10270	1257.10258	0.00012	1.00		64	65	6	1237.96974	1237.96981	-0.00007	1.00
14	15	3	1257.46696	1257.46856	-0.00159	0.00		63	64	6	1238.38369	1238.38397	-0.00028	1.00
13	14	3	1257.83355	1257.83353	0.00001	1.00		62	63	6	1238.79726	1238.79716	0.00010	1.00
12	13	3	1258.19670	1258.19751	-0.00081	1.00		61	62	6	1239.20892	1239.20938	-0.00047	1.00
11	12	3	1258.56083	1258.56047	0.00036	1.00		60	61	6	1239.62081	1239.62063	0.00018	1.00
10	11	3	1258.92120	1258.92243	-0.00123	0.00		59	60	6	1240.03061	1240.03091	-0.00030	1.00
9	10	3	1259.28346	1259.28339	0.00007	1.00		58	59	6	1240.44005	1240.44022	-0.00017	1.00
8	9	3	1259.64210	1259.64333	-0.00123	0.00		57	58	6	1240.84844	1240.84856	-0.00012	1.00
7	8	3	1260.00201	1260.00227	-0.00026	1.00		56	57	6	1241.25590	1241.25593	-0.00003	1.00
6	7	3	1260.35879	1260.36019	-0.00140	0.00		55	56	6	1241.66261	1241.66232	0.00029	1.00
5	6	3	1260.71714	1260.71711	0.00003	1.00		54	55	6	1242.06801	1242.06774	0.00027	1.00
4	5	3	1261.07405	1261.07301	0.00104	0.00		53	54	6	1242.47229	1242.47219	0.00009	1.00
3	4	3	1261.42940	1261.42790	0.00151	0.00		52	53	6	1242.87587	1242.87567	0.00021	1.00
3	3	3	1262.83253	1262.83117	0.00136	0.00		51	52	6	1243.27810	1243.27817	-0.00007	1.00
4	4	3	1262.82745	1262.82709	0.00036	1.00		50	51	6	1243.67970	1243.67969	0.00001	1.00
5	5	3	1262.82122	1262.82199	-0.00077	0.00		49	50	6	1244.08027	1244.08024	0.00002	1.00
4	3	3	1264.23080	1264.23036	0.00044	1.00		48	49	6	1244.48008	1244.47982	0.00026	1.00
5	4	3	1264.57505	1264.57607	-0.00102	0.00		47	48	6	1244.87847	1244.87842	0.00006	1.00
6	5	3	1264.92065	1264.92075	-0.00010	1.00		46	47	6	1245.27586	1245.27604	-0.00018	1.00
7	6	3	1265.26495	1265.26441	0.00054	1.00		45	46	6	1245.67279	1245.67268	0.00011	1.00
8	7	3	1265.60632	1265.60704	-0.00072	1.00		44	45	6	1246.06835	1246.06835	0.00001	1.00
9	8	3	1265.94874	1265.94864	0.00011	1.00		43	44	6	1246.46326	1246.46303	0.00023	1.00
10	9	3	1266.28910	1266.28920	-0.00010	1.00		42	43	6	1246.85683	1246.85674	0.00009	1.00
11	10	3	1266.62784	1266.62874	-0.00090	1.00		41	42	6	1247.24957	1247.24947	0.00010	1.00
12	11	3	1266.96730	1266.96724	0.00006	1.00		40	41	6	1247.64128	1247.64121	0.00007	1.00
13	12	3	1267.30459	1267.30470	-0.00011	1.00		39	40	6	1248.03206	1248.03198	0.00008	1.00
14	13	3	1267.64093	1267.64113	-0.00021	1.00		38	39	6	1248.42187	1248.42176	0.00012	1.00
15	14	3	1267.97665	1267.97652	0.00013	1.00		37	38	6	1248.81074	1248.81056	0.00018	1.00
16	15	3	1268.31013	1268.31088	-0.00074	1.00		36	37	6	1249.19850	1249.19837	0.00013	1.00
17	16	3	1268.64425	1268.64419	0.00006	1.00		35	36	6	1249.58536	1249.58521	0.00016	1.00
18	17	3	1268.97678	1268.97646	0.00032	1.00		34	35	6	1249.97119	1249.97105	0.00014	1.00
19	18	3	1269.30698	1269.30768	-0.00070	1.00		33	34	6	1250.35602	1250.35592	0.00010	1.00
20	19	3	1269.63827	1269.63786	0.00041	1.00		32	33	6	1250.73991	1250.73979	0.00012	1.00
21	20	3	1269.96730	1269.96700	0.00031	1.00		31	32	6	1251.12278	1251.12268	0.00010	1.00
22	21	3	1270.29390	1270.29508	-0.00118	0.00		30	31	6	1251.50469	1251.50458	0.00011	1.00
23	22	3	1270.62139	1270.62212	-0.00073	1.00		29	30	6	1251.88548	1251.88549	-0.00001	1.00
24	23	3	1270.94823	1270.94811	0.00013	1.00		28	29	6	1252.26550	1252.26541	0.00009	1.00
25	24	3	1271.27312	1271.27304	0.00008	1.00		27	28	6	1252.64451	1252.64434	0.00016	1.00
26	25	3	1271.59698	1271.59692	0.00007	1.00		26	27	6	1253.02249	1253.02228	0.00021	1.00
27	26	3	1271.91958	1271.91974	-0.00016	1.00		25	26	6	1253.39940	1253.39923	0.00017	1.00

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(I)			(II)		(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
24	25	6	1253.77523	1253.77519	0.00004	1.00		73	74	9	1234.21842	1234.21805	0.00036	1.00
23	24	6	1254.15034	1254.15015	0.00019	1.00		72	73	9	1234.64041	1234.64091	-0.00051	1.00
22	23	6	1254.52441	1254.52411	0.00029	1.00		71	72	9	1235.06256	1235.06281	-0.00025	1.00
21	22	6	1254.89722	1254.89709	0.00014	1.00		70	71	9	1235.48372	1235.48374	-0.00002	1.00
20	21	6	1255.26909	1255.26906	0.00003	1.00		69	70	9	1235.90396	1235.90370	0.00025	1.00
19	20	6	1255.64022	1255.64004	0.00018	1.00		68	69	9	1236.32286	1236.32270	0.00016	1.00
18	19	6	1256.01023	1256.01002	0.00021	1.00		67	68	9	1236.74115	1236.74073	0.00042	1.00
17	18	6	1256.37905	1256.37900	0.00005	1.00		66	67	9	1237.15689	1237.15779	-0.00090	1.00
16	17	6	1256.74695	1256.74698	-0.00002	1.00		65	66	9	1237.57313	1237.57388	-0.00076	1.00
15	16	6	1257.11446	1257.11396	0.00050	1.00		64	65	9	1237.98900	1237.98901	-0.00001	1.00
14	15	6	1257.48033	1257.47993	0.00039	1.00		63	64	9	1238.40290	1238.40316	-0.00026	1.00
13	14	6	1257.84491	1257.84491	0.00000	1.00		62	63	9	1238.81509	1238.81635	-0.00126	0.00
12	13	6	1258.20873	1258.20888	-0.00015	1.00		61	62	9	1239.22825	1239.22857	-0.00031	1.00
11	12	6	1258.57201	1258.57184	0.00017	1.00		60	61	9	1239.63941	1239.63981	-0.00040	1.00
10	11	6	1258.93401	1258.93380	0.00021	1.00		59	60	9	1240.04961	1240.05009	-0.00048	1.00
9	10	6	1259.29483	1259.29475	0.00008	1.00		58	59	9	1240.45946	1240.45940	0.00006	1.00
8	9	6	1259.65437	1259.65469	-0.00032	1.00		57	58	9	1240.86803	1240.86773	0.00030	1.00
7	8	6	1260.01409	1260.01363	0.00046	1.00		56	57	9	1241.27479	1241.27509	-0.00031	1.00
6	7	6	1260.37125	1260.37155	-0.00030	1.00		55	56	9	1241.68140	1241.68148	-0.00008	1.00
6	6	6	1262.82745	1262.82720	0.00025	1.00		54	55	9	1242.08680	1242.08690	-0.00010	1.00
7	7	6	1262.82122	1262.82007	0.00116	0.00		53	54	9	1242.49134	1242.49134	-0.00001	1.00
7	6	6	1265.27640	1265.27572	0.00067	1.00		52	53	9	1242.89504	1242.89481	0.00023	1.00
8	7	6	1265.61905	1265.61835	0.00071	1.00		51	52	9	1243.29740	1243.29731	0.00009	1.00
9	8	6	1265.95993	1265.95994	-0.00002	1.00		50	51	9	1243.69893	1243.69883	0.00010	1.00
10	9	6	1266.30073	1266.30051	0.00022	1.00		49	50	9	1244.09918	1244.09938	-0.00020	1.00
11	10	6	1266.64025	1266.64004	0.00021	1.00		48	49	9	1244.49909	1244.49895	0.00015	1.00
12	11	6	1266.97809	1266.97853	-0.00044	1.00		47	48	9	1244.89755	1244.89754	0.00001	1.00
13	12	6	1267.31626	1267.31600	0.00026	1.00		46	47	9	1245.29515	1245.29516	0.00000	1.00
14	13	6	1267.65248	1267.65242	0.00006	1.00		45	46	9	1245.69191	1245.69180	0.00011	1.00
15	14	6	1267.98806	1267.98781	0.00025	1.00		44	45	9	1246.08750	1246.08746	0.00004	1.00
16	15	6	1268.32239	1268.32216	0.00023	1.00		43	44	9	1246.48207	1246.48214	-0.00007	1.00
17	16	6	1268.65558	1268.65547	0.00011	1.00		42	43	9	1246.87597	1246.87584	0.00013	1.00
18	17	6	1268.98803	1268.98774	0.00029	1.00		41	42	9	1247.26856	1247.26856	0.00000	1.00
19	18	6	1269.31902	1269.31896	0.00006	1.00		40	41	9	1247.66041	1247.66030	0.00011	1.00
20	19	6	1269.64923	1269.64914	0.00009	1.00		39	40	9	1248.05119	1248.05106	0.00012	1.00
21	20	6	1269.97827	1269.97827	0.00001	1.00		38	39	9	1248.44101	1248.44084	0.00017	1.00
22	21	6	1270.30663	1270.30635	0.00028	1.00		37	38	9	1248.82970	1248.82963	0.00006	1.00
23	22	6	1270.63344	1270.63338	0.00006	1.00		36	37	9	1249.21759	1249.21745	0.00014	1.00
24	23	6	1270.95943	1270.95937	0.00007	1.00		35	36	9	1249.60437	1249.60427	0.00010	1.00
25	24	6	1271.28454	1271.28430	0.00024	1.00		34	35	9	1249.99021	1249.99012	0.00010	1.00
26	25	6	1271.60819	1271.60817	0.00002	1.00		33	34	9	1250.37505	1250.37497	0.00008	1.00
27	26	6	1271.93127	1271.93099	0.00028	1.00		32	33	9	1250.75899	1250.75884	0.00015	1.00
28	27	6	1272.25254	1272.25276	-0.00022	1.00		31	32	9	1251.14185	1251.14173	0.00012	1.00
29	28	6	1272.57363	1272.57346	0.00017	1.00		30	31	9	1251.52367	1251.52362	0.00005	1.00
30	29	6	1272.89319	1272.89310	0.00008	1.00		29	30	9	1251.90466	1251.90453	0.00013	1.00
31	30	6	1273.21147	1273.21169	-0.00021	1.00		28	29	9	1252.28453	1252.28444	0.00009	1.00
32	31	6	1273.53000	1273.52921	0.00080	1.00		27	28	9	1252.66344	1252.66337	0.00007	1.00
33	32	6	1273.84601	1273.84566	0.00035	1.00		26	27	9	1253.04145	1253.04131	0.00014	1.00
34	33	6	1274.16120	1274.16105	0.00015	1.00		25	26	9	1253.41831	1253.41825	0.00006	1.00
35	34	6	1274.47682	1274.47536	0.00145	0.00		24	25	9	1253.79421	1253.79420	0.00001	1.00
36	35	6	1274.78947	1274.78861	0.00085	1.00		23	24	9	1254.16931	1254.16916	0.00016	1.00
37	36	6	1275.10101	1275.10079	0.00022	1.00		22	23	9	1254.54304	1254.54312	-0.00008	1.00
38	37	6	1275.41238	1275.41189	0.00049	1.00		21	22	9	1254.91617	1254.91608	0.00009	1.00
39	38	6	1275.72205	1275.72192	0.00013	1.00		20	21	9	1255.28806	1255.28805	0.00000	1.00
40	39	6	1276.03120	1276.03087	0.00032	1.00		19	20	9	1255.65919	1255.65903	0.00016	1.00
41	40	6	1276.33885	1276.33874	0.00011	1.00		18	19	9	1256.02905	1256.02900	0.00005	1.00
42	41	6	1276.64553	1276.64554	-0.00001	1.00		17	18	9	1256.39803	1256.39798	0.00006	1.00
43	42	6	1276.95157	1276.95125	0.00032	1.00		16	17	9	1256.76598	1256.76595	0.00003	1.00
44	43	6	1277.25891	1277.25587	0.00304	0.00		15	16	9	1257.13282	1257.13293	-0.00011	1.00
45	44	6	1277.55947	1277.55941	0.00005	1.00		14	15	9	1257.49922	1257.49890	0.00032	1.00
46	45	6	1277.86082	1277.86187	-0.00105	0.00		13	14	9	1257.86389	1257.86387	0.00002	1.00
47	46	6	1278.16383	1278.16323	0.00060	1.00		12	13	9	1258.22795	1258.22783	0.00012	1.00
48	47	6	1278.46299	1278.46350	-0.00051	1.00		11	12	9	1258.59066	1258.59079	-0.00013	1.00
49	48	6	1278.76166	1278.76268	-0.00102	0.00		9	9	9	1262.82122	1262.82162	-0.00039	1.00
50	49	6	1279.06243	1279.06077	0.00167	0.00		10	10	9	1262.80000	1262.81142	-0.01142	0.00
51	50	6	1279.35856	1279.35776	0.00081	1.00		11	11	9	1262.80000	1262.80020	-0.00020	0.00
52	51	6	1279.65259	1279.65365	-0.00105	0.00		12	12	9	1262.78842	1262.78796	0.00046	0.00
53	52	6	1279.94725	1279.94844	-0.00119	0.00		10	9	9	1266.31948	1266.31934	0.00014	1.00
54	53	6	1280.28960	1280.24213	0.04747	0.00		11	10	9	1266.65888	1266.65887	0.00001	1.00
55	54	6	1280.57910	1280.53471	0.04439	0.00		12	11	9	1266.99743	1266.99736	0.00006	1.00
56	55	6	1280.87058	1280.82619	0.04439	0.00		13	12	9	1267.33472	1267.33482	-0.00010	1.00
82	83	9	1230.36899	1230.36886	0.00012	1.00		14	13	9	1267.67220	1267.67124	0.00095	1.00
81	82	9	1230.80088	1230.80041	0.00047	1.00		15	14	9	1268.00681	1268.00663	0.00019	1.00
80	81	9	1231.23276	1231.23099	0.00177	0.00		16	15	9	1268.34123	1268.34097	0.00026	1.00
79	80	9	1231.66070	1231.66061	0.00009	1.00		17	16	9	1268.67433	1268.67427	0.00006	1.00
78	79	9	1232.09074	1232.08926	0.00148	0.00		18	17	9	1269.00621	1269.00654	-0.00033	1.00
77	78	9	1232.51739	1232.51695	0.00045	1.00		19	18	9	1269.33768	1269.33775	-0.00008	1.00
76	77	9	1232.94231	1232.94367	-0.00136	0.00		20	19	9	1269.66782	1269.66793	-0.00010	1.00
75	76	9	1233.36984	1233.36943	0.00041	1.00		21	20	9	1269.99737	1269.99705	0.00032	1.00
74	75	9	1233.79448	1233.79422	0.00025	1.00		22	21	9	1270.32509	1270.32513	-0.00004	1.00

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(I)			(II)		(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
23	22	9	1270.65249	1270.65216	0.00033	1.00		36	37	12	1249.24430	1249.24415	0.00015	1.00
24	23	9	1270.97790	1270.97814	-0.00024	1.00		35	36	12	1249.63112	1249.63097	0.00015	1.00
25	24	9	1271.30311	1271.30306	0.00005	1.00		34	35	12	1250.01699	1250.01680	0.00019	1.00
26	25	9	1271.62616	1271.62693	-0.00077	1.00		33	34	12	1250.40174	1250.40165	0.00009	1.00
27	26	9	1271.94997	1271.94975	0.00022	1.00		32	33	12	1250.78559	1250.78552	0.00007	1.00
28	27	9	1272.26986	1272.27151	-0.00164	0.00		31	32	12	1251.16845	1251.16839	0.00006	1.00
29	28	9	1272.59278	1272.59220	0.00057	1.00		30	31	12	1251.55036	1251.55028	0.00008	1.00
30	29	9	1272.91177	1272.91184	-0.00008	1.00		29	30	12	1251.93131	1251.93118	0.00013	1.00
31	30	9	1273.23065	1273.23042	0.00023	1.00		28	29	12	1252.31129	1252.31109	0.00020	1.00
32	31	9	1273.54804	1273.54793	0.00011	1.00		27	28	12	1252.69009	1252.69001	0.00008	1.00
33	32	9	1273.86413	1273.86438	-0.00026	1.00		26	27	12	1253.06809	1253.06794	0.00015	1.00
34	33	9	1274.18041	1274.17976	0.00065	1.00		25	26	12	1253.44497	1253.44488	0.00010	1.00
35	34	9	1274.49435	1274.49408	0.00027	1.00		24	25	12	1253.82091	1253.82082	0.00009	1.00
36	35	9	1274.80751	1274.80732	0.00019	1.00		23	24	12	1254.19581	1254.19577	0.00004	1.00
37	36	9	1275.12021	1275.11949	0.00072	1.00		22	23	12	1254.56985	1254.56972	0.00012	1.00
38	37	9	1275.43055	1275.43059	-0.00004	1.00		21	22	12	1254.94284	1254.94268	0.00016	1.00
39	38	9	1275.74093	1275.74061	0.00032	1.00		20	21	12	1255.31477	1255.31465	0.00013	1.00
40	39	9	1276.05041	1276.04956	0.00085	1.00		19	20	12	1255.68564	1255.68561	0.00003	1.00
41	40	9	1276.35659	1276.35743	-0.00083	1.00		18	19	12	1256.05539	1256.05558	-0.00019	1.00
42	41	9	1276.66469	1276.66421	0.00047	1.00		17	18	12	1256.42438	1256.42455	-0.00016	1.00
43	42	9	1276.96931	1276.96992	-0.00060	1.00		16	17	12	1256.79266	1256.79252	0.00015	1.00
44	43	9	1277.27445	1277.27454	-0.00008	1.00		15	16	12	1257.15910	1257.15948	-0.00038	1.00
45	44	9	1277.57721	1277.57807	-0.00086	0.00		14	15	12	1257.52506	1257.52545	-0.00039	1.00
46	45	9	1277.88080	1277.88052	0.00027	1.00		13	14	12	1257.89051	1257.89041	0.00010	1.00
47	46	9	1278.18215	1278.18188	0.00027	1.00		12	13	12	1258.25422	1258.25437	-0.00015	1.00
48	47	9	1278.48491	1278.48215	0.00277	0.00		12	12	12	1262.81000	1262.81440	-0.00440	0.00
49	48	9	1278.78061	1278.78132	-0.00071	1.00		13	13	12	1262.80106	1262.80114	-0.00008	1.00
50	49	9	1279.08060	1279.07940	0.00119	0.00		13	12	12	1267.36139	1267.36118	0.00021	1.00
51	50	9	1279.37735	1279.37639	0.00096	0.00		14	13	12	1267.69767	1267.69759	0.00008	1.00
52	51	9	1279.67236	1279.67227	0.00009	1.00		15	14	12	1268.03279	1268.03297	-0.00018	1.00
53	52	9	1279.96596	1279.96706	-0.00109	0.00		16	15	12	1268.36735	1268.36731	0.00005	1.00
54	53	9	1280.28960	1280.26074	0.02886	0.00		17	16	12	1268.70060	1268.70060	0.00000	1.00
55	54	9	1280.57910	1280.55332	0.02578	0.00		18	17	12	1269.03217	1269.03286	-0.00069	1.00
56	55	9	1280.87058	1280.84479	0.02579	0.00		19	18	12	1269.36433	1269.36407	0.00027	1.00
82	83	12	1230.39630	1230.39584	0.00046	1.00		20	19	12	1269.69543	1269.69423	0.00120	0.00
81	82	12	1230.82809	1230.82738	0.00071	1.00		21	20	12	1270.02352	1270.02335	0.00017	1.00
80	81	12	1231.25683	1231.25796	-0.00113	0.00		22	21	12	1270.35156	1270.35142	0.00014	1.00
79	80	12	1231.68700	1231.68757	-0.00057	1.00		23	22	12	1270.67872	1270.67844	0.00027	1.00
78	79	12	1232.11638	1232.11622	0.00017	1.00		24	23	12	1271.00403	1271.00441	-0.00039	1.00
77	78	12	1232.54405	1232.54390	0.00015	1.00		25	24	12	1271.32956	1271.32933	0.00023	1.00
76	77	12	1232.97066	1232.97062	0.00004	1.00		26	25	12	1271.65309	1271.65320	-0.00011	1.00
75	76	12	1233.39633	1233.39637	-0.00005	1.00		27	26	12	1271.97633	1271.97600	0.00032	1.00
74	75	12	1233.82123	1233.82116	0.00007	1.00		28	27	12	1272.29763	1272.29776	-0.00013	1.00
73	74	12	1234.24477	1234.24498	-0.00022	1.00		29	28	12	1272.61879	1272.61845	0.00034	1.00
72	73	12	1234.66826	1234.66784	0.00041	1.00		30	29	12	1272.93802	1272.93808	-0.00006	1.00
71	72	12	1235.09015	1235.08973	0.00042	1.00		31	30	12	1273.25682	1273.25665	0.00017	1.00
70	71	12	1235.51086	1235.51066	0.00020	1.00		32	31	12	1273.57376	1273.57416	-0.00040	1.00
69	70	12	1235.93040	1235.93061	-0.00022	1.00		33	32	12	1273.89036	1273.89060	-0.00024	1.00
68	69	12	1236.34991	1236.34960	0.00030	1.00		34	33	12	1274.20595	1274.20597	-0.00002	1.00
67	68	12	1236.76730	1236.76763	-0.00033	1.00		35	34	12	1274.52047	1274.52028	0.00019	1.00
66	67	12	1237.18480	1237.18468	0.00012	1.00		36	35	12	1274.83355	1274.83352	0.00004	1.00
65	66	12	1237.60067	1237.60077	-0.00010	1.00		37	36	12	1275.14611	1275.14568	0.00043	1.00
64	65	12	1238.01600	1238.01589	0.00011	1.00		38	37	12	1275.45807	1275.45677	0.00130	0.00
63	64	12	1238.42997	1238.43004	-0.00007	1.00		39	38	12	1275.76736	1275.76679	0.00057	1.00
62	63	12	1238.84346	1238.84322	0.00024	1.00		40	39	12	1276.07495	1276.07572	-0.00077	1.00
61	62	12	1239.25516	1239.25543	-0.00027	1.00		41	40	12	1276.38386	1276.38358	0.00027	1.00
60	61	12	1239.66680	1239.66667	0.00013	1.00		42	41	12	1276.69091	1276.69036	0.00055	1.00
59	60	12	1240.07698	1240.07694	0.00003	1.00		43	42	12	1276.99573	1276.99606	-0.00033	1.00
58	59	12	1240.48633	1240.48624	0.00008	1.00		44	43	12	1277.30119	1277.30068	0.00051	1.00
57	58	12	1240.89477	1240.89457	0.00020	1.00		45	44	12	1277.60376	1277.60420	-0.00044	1.00
56	57	12	1241.30223	1241.30193	0.00030	1.00		46	45	12	1277.90649	1277.90664	-0.00016	1.00
55	56	12	1241.70803	1241.70831	-0.00028	1.00		47	46	12	1278.20688	1278.20800	-0.00111	0.00
54	55	12	1242.11277	1242.11372	-0.00096	1.00		48	47	12	1278.50989	1278.50826	0.00163	0.00
53	54	12	1242.51759	1242.51816	-0.00057	1.00		49	48	12	1278.80645	1278.80742	-0.00098	0.00
52	53	12	1242.92143	1242.92162	-0.00019	1.00		50	49	12	1279.10582	1279.10550	0.00033	1.00
51	52	12	1243.32421	1243.32411	0.00010	1.00		51	50	12	1279.40264	1279.40247	0.00017	1.00
50	51	12	1243.72586	1243.72563	0.00024	1.00		52	51	12	1279.70008	1279.69835	0.00173	0.00
49	50	12	1244.12660	1244.12617	0.00043	1.00		53	52	12	1279.99430	1279.99313	0.00117	0.00
48	49	12	1244.52665	1244.52573	0.00093	1.00		54	53	12	1280.28960	1280.28680	0.00280	0.00
47	48	12	1244.92535	1244.92432	0.00103	0.00		55	54	12	1280.57910	1280.57937	-0.00028	1.00
46	47	12	1245.32192	1245.32193	-0.00001	1.00		56	55	12	1280.87058	1280.87084	-0.00026	1.00
45	46	12	1245.71838	1245.71856	-0.00018	1.00		58	57	12	1281.45053	1281.45044	0.00009	1.00
44	45	12	1246.11425	1246.11421	0.00004	1.00		60	59	12	1282.02563	1282.02560	0.00004	1.00
43	44	12	1246.50899	1246.50889	0.00010	1.00		61	60	12	1282.31305	1282.31150	0.00155	0.00
42	43	12	1246.90249	1246.90258	-0.00009	1.00		62	61	12	1282.59788	1282.59629	0.00159	0.00
41	42	12	1247.29535	1247.29530	0.00005	1.00		63	62	12	1282.87972	1282.87996	-0.00024	1.00
40	41	12	1247.68711	1247.68703	0.00008	1.00		64	63	12	1283.16303	1283.16251	0.00053	1.00
39	40	12	1248.07785	1248.07779	0.00006	1.00		81	82	15	1230.86378	1230.86207	0.00172	0.00
38	39	12	1248.46766	1248.46756	0.00010	1.00		80	81	15	1231.29370	1231.29264	0.00106	0.00
37	38	12	1248.85644	1248.85634										

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(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
78	79	15	1232.15099	1232.15088	0.00010	1.00	31	30	15	1273.29092	1273.29038	0.00054	1.00
77	78	15	1232.57975	1232.57856	0.00119	0.00	32	31	15	1273.60805	1273.60788	0.00017	1.00
76	77	15	1233.00439	1233.00527	-0.00088	1.00	33	32	15	1273.92517	1273.92431	0.00086	1.00
75	76	15	1233.43109	1233.43102	0.00008	1.00	34	33	15	1274.24023	1274.23967	0.00055	1.00
74	75	15	1233.85648	1233.85580	0.00068	1.00	35	34	15	1274.55381	1274.55397	-0.00016	1.00
73	74	15	1234.27992	1234.27962	0.00031	1.00	36	35	15	1274.86658	1274.86720	-0.00061	1.00
72	73	15	1234.70208	1234.70247	-0.00038	1.00	37	36	15	1275.18010	1275.17935	0.00075	1.00
71	72	15	1235.12380	1235.12435	-0.00056	1.00	38	37	15	1275.49037	1275.49043	-0.00007	1.00
70	71	15	1235.54541	1235.54527	0.00015	1.00	39	38	15	1275.80057	1275.80044	0.00013	1.00
69	70	15	1235.96616	1235.96522	0.00094	1.00	40	39	15	1276.10898	1276.10937	-0.00039	1.00
68	69	15	1236.38434	1236.38420	0.00014	1.00	41	40	15	1276.41733	1276.41722	0.00011	1.00
67	68	15	1236.80255	1236.80222	0.00033	1.00	42	41	15	1276.72505	1276.72399	0.00106	0.00
66	67	15	1237.21940	1237.21927	0.00014	1.00	43	42	15	1277.03024	1277.02968	0.00056	1.00
65	66	15	1237.63532	1237.63535	-0.00003	1.00	44	43	15	1277.33255	1277.33428	-0.00173	0.00
64	65	15	1238.05053	1238.05046	0.00007	1.00	45	44	15	1277.63920	1277.63780	0.00140	0.00
63	64	15	1238.46493	1238.46460	0.00033	1.00	46	45	15	1277.94022	1277.94023	-0.00001	1.00
62	63	15	1238.87774	1238.87777	-0.00003	1.00	47	46	15	1278.24249	1278.24158	0.00091	1.00
61	62	15	1239.29004	1239.28998	0.00007	1.00	48	47	15	1278.54272	1278.54183	0.00090	1.00
60	61	15	1239.70141	1239.70121	0.00020	1.00	83	84	18	1230.03966	1230.04045	-0.00079	1.00
59	60	15	1240.11148	1240.11147	0.00001	1.00	82	83	18	1230.47304	1230.47294	0.00010	1.00
58	59	15	1240.52053	1240.52076	-0.00023	1.00	81	82	18	1230.90482	1230.90447	0.00036	1.00
57	58	15	1240.92929	1240.92908	0.00020	1.00	80	81	18	1231.33410	1231.33503	-0.00093	1.00
56	57	15	1241.33683	1241.33643	0.00040	1.00	79	80	18	1231.76377	1231.76463	-0.00085	1.00
55	56	15	1241.74304	1241.74281	0.00023	1.00	78	79	18	1232.19328	1232.19326	0.00001	1.00
54	55	15	1242.14840	1242.14821	0.00019	1.00	77	78	18	1232.61957	1232.62093	-0.00136	0.00
53	54	15	1242.55299	1242.55264	0.00035	1.00	76	77	18	1233.04788	1233.04763	0.00024	1.00
52	53	15	1242.95613	1242.95609	0.00004	1.00	75	76	18	1233.47145	1233.47337	-0.00192	0.00
51	52	15	1243.35851	1243.35858	-0.00006	1.00	74	75	18	1233.89811	1233.89815	-0.00004	1.00
50	51	15	1243.76030	1243.76008	0.00022	1.00	73	74	18	1234.32207	1234.32195	0.00012	1.00
49	50	15	1244.16078	1244.16061	0.00017	1.00	72	73	18	1234.74495	1234.74480	0.00016	1.00
48	49	15	1244.56016	1244.56017	-0.00001	1.00	71	72	18	1235.16696	1235.16667	0.00029	1.00
47	48	15	1244.95883	1244.95875	0.00008	1.00	70	71	18	1235.58789	1235.58758	0.00032	1.00
46	47	15	1245.35655	1245.35635	0.00020	1.00	69	70	18	1236.00385	1236.00752	-0.00367	0.00
45	46	15	1245.75292	1245.75297	-0.00006	1.00	68	69	18	1236.42642	1236.42650	-0.00008	1.00
44	45	15	1246.14861	1246.14862	-0.00001	1.00	67	68	18	1236.84386	1236.84450	-0.00065	1.00
43	44	15	1246.54337	1246.54328	0.00008	1.00	66	67	18	1237.26097	1237.26154	-0.00057	1.00
42	43	15	1246.93703	1246.93697	0.00006	1.00	65	66	18	1237.67730	1237.67761	-0.00031	1.00
41	42	15	1247.32969	1247.32968	0.00002	1.00	64	65	18	1238.09245	1238.09271	-0.00026	1.00
40	41	15	1247.72141	1247.72140	0.00000	1.00	63	64	18	1238.50732	1238.50685	0.00047	1.00
39	40	15	1248.11223	1248.11215	0.00008	1.00	62	63	18	1238.92083	1238.92001	0.00082	1.00
38	39	15	1248.50200	1248.50191	0.00009	1.00	61	62	18	1239.33269	1239.33220	0.00049	1.00
37	38	15	1248.89096	1248.89069	0.00027	1.00	60	61	18	1239.74425	1239.74343	0.00082	1.00
36	37	15	1249.27858	1249.27849	0.00009	1.00	59	60	18	1240.15348	1240.15368	-0.00020	1.00
35	36	15	1249.66522	1249.66530	-0.00008	1.00	58	59	18	1240.56288	1240.56296	-0.00009	1.00
34	35	15	1250.05117	1250.05112	0.00005	1.00	57	58	18	1240.97137	1240.97127	0.00010	1.00
33	34	15	1250.43594	1250.43597	-0.00003	1.00	56	57	18	1241.37777	1241.37861	-0.00084	1.00
32	33	15	1250.81981	1250.81982	-0.00001	1.00	55	56	18	1241.78505	1241.78498	0.00007	1.00
31	32	15	1251.20269	1251.20269	0.00000	1.00	54	55	18	1242.19034	1242.19037	-0.00003	1.00
30	31	15	1251.58450	1251.58457	-0.00007	1.00	53	54	18	1242.59479	1242.59479	0.00000	1.00
29	30	15	1251.96529	1251.96546	-0.00017	1.00	52	53	18	1242.99814	1242.99824	-0.00010	1.00
28	29	15	1252.34532	1252.34536	-0.00004	1.00	51	52	18	1243.40065	1243.40071	-0.00005	1.00
27	28	15	1252.72425	1252.72427	-0.00002	1.00	50	51	18	1243.80220	1243.80220	0.00000	1.00
26	27	15	1253.10215	1253.10219	-0.00004	1.00	49	50	18	1244.20280	1244.20272	0.00008	1.00
25	26	15	1253.47929	1253.47912	0.00017	1.00	48	49	18	1244.60234	1244.60227	0.00007	1.00
24	25	15	1253.85499	1253.85505	-0.00006	1.00	47	48	18	1245.00082	1245.00084	-0.00001	1.00
23	24	15	1254.23007	1254.22999	0.00008	1.00	46	47	18	1245.39842	1245.39843	-0.00001	1.00
22	23	15	1254.60392	1254.60394	-0.00002	1.00	45	46	18	1245.79509	1245.79504	0.00005	1.00
21	22	15	1254.97694	1254.97689	0.00005	1.00	44	45	18	1246.19087	1246.19068	0.00020	1.00
20	21	15	1255.34867	1255.34884	-0.00018	1.00	43	44	18	1246.58532	1246.58533	-0.00001	1.00
19	20	15	1255.71973	1255.71980	-0.00007	1.00	42	43	18	1246.97909	1246.97901	0.00008	1.00
18	19	15	1256.08976	1256.08976	0.00000	1.00	41	42	18	1247.37206	1247.37170	0.00036	1.00
17	18	15	1256.45859	1256.45872	-0.00013	1.00	40	41	18	1247.76345	1247.76342	0.00003	1.00
16	17	15	1256.82679	1256.82668	0.00012	1.00	39	40	18	1248.15410	1248.15415	-0.00005	1.00
15	15	15	1262.80576	1262.80556	0.00019	1.00	38	39	18	1248.54358	1248.54391	-0.00032	1.00
16	16	15	1262.78842	1262.78924	-0.00082	0.00	37	38	18	1248.93278	1248.93267	0.00010	1.00
16	15	15	1268.40218	1268.40117	0.00101	0.00	36						

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(I)		(II)	(III)	(IV)	(V)	(I)		(II)	(III)	(IV)	(V)		
21	22	18	1255.01890	1255.01870	0.00021	1.00	36	37	21	1249.36995	1249.37007	-0.00013	1.00
20	21	18	1255.39063	1255.39064	-0.00001	1.00	35	36	21	1249.75679	1249.75686	-0.00007	1.00
19	20	18	1255.76161	1255.76159	0.00002	1.00	34	35	21	1250.14282	1250.14267	0.00016	1.00
18	19	18	1256.13187	1256.13154	0.00033	1.00	33	34	21	1250.52758	1250.52748	0.00010	1.00
19	18	18	1269.44014	1269.43927	0.00087	1.00	32	33	21	1250.91138	1250.91131	0.00007	1.00
20	19	18	1269.76989	1269.76941	0.00048	1.00	31	32	21	1251.29368	1251.29416	-0.00048	1.00
21	20	18	1270.09743	1270.09851	-0.00108	0.00	30	31	21	1251.67602	1251.67601	0.00000	1.00
22	21	18	1270.42682	1270.42656	0.00026	1.00	29	30	21	1252.05667	1252.05688	-0.00022	1.00
23	22	18	1270.75140	1270.75356	-0.00216	0.00	28	29	21	1252.43676	1252.43676	0.00000	1.00
24	23	18	1271.07949	1271.07951	-0.00002	1.00	27	28	21	1252.81568	1252.81565	0.00004	1.00
25	24	18	1271.40402	1271.40441	-0.00039	1.00	26	27	21	1253.19347	1253.19354	-0.00007	1.00
26	25	18	1271.72791	1271.72826	-0.00034	1.00	25	26	21	1253.57040	1253.57045	-0.00005	1.00
27	26	18	1272.05090	1272.05104	-0.00014	1.00	24	25	21	1253.94625	1253.94636	-0.00011	1.00
28	27	18	1272.37208	1272.37277	-0.00070	1.00	23	24	21	1254.32134	1254.32127	0.00007	1.00
29	28	18	1272.69324	1272.69345	-0.00021	1.00	22	23	21	1254.69509	1254.69520	-0.00011	1.00
30	29	18	1273.01302	1273.01306	-0.00004	1.00	21	22	21	1255.06823	1255.06812	0.00011	1.00
31	30	18	1273.33118	1273.33161	-0.00043	1.00	22	21	21	1270.47754	1270.47542	0.00212	0.00
32	31	18	1273.64919	1273.64910	0.00009	1.00	23	22	21	1270.80342	1270.80240	0.00102	0.00
33	32	18	1273.96665	1273.96552	0.00114	0.00	24	23	21	1271.13029	1271.12834	0.00195	0.00
34	33	18	1274.28137	1274.28087	0.00050	1.00	25	24	21	1271.45274	1271.45323	-0.00049	1.00
35	34	18	1274.59526	1274.59516	0.00011	1.00	26	25	21	1271.77700	1271.77706	-0.00005	1.00
36	35	18	1274.90860	1274.90837	0.00023	1.00	27	26	21	1272.09999	1272.09983	0.00016	1.00
37	36	18	1275.21977	1275.22052	-0.00075	1.00	28	27	21	1272.42178	1272.42155	0.00023	1.00
38	37	18	1275.53167	1275.53159	0.00009	1.00	29	28	21	1272.74220	1272.74221	-0.00001	1.00
39	38	18	1275.84240	1275.84158	0.00082	1.00	30	29	21	1273.06186	1273.06181	0.00005	1.00
40	39	18	1276.15033	1276.15050	-0.00017	1.00	31	30	21	1273.38110	1273.38034	0.00076	1.00
41	40	18	1276.46038	1276.45834	0.00204	0.00	32	31	21	1273.69776	1273.69782	-0.00006	1.00
42	41	18	1276.76561	1276.76510	0.00051	1.00	33	32	21	1274.01419	1274.01423	-0.00004	1.00
43	42	18	1277.07152	1277.07077	0.00075	1.00	34	33	21	1274.32993	1274.32957	0.00036	1.00
44	43	18	1277.37351	1277.37537	-0.00186	0.00	35	34	21	1274.64300	1274.64384	-0.00084	1.00
45	44	18	1277.67355	1277.67888	-0.00533	0.00	36	35	21	1274.95519	1274.95704	-0.00185	0.00
46	45	18	1277.98127	1277.98129	-0.00002	1.00	37	36	21	1275.26713	1275.26917	-0.00205	0.00
47	46	18	1278.27986	1278.28263	-0.00277	0.00	38	37	21	1275.57914	1275.58023	-0.00109	0.00
83	84	21	1230.09055	1230.09059	-0.00004	1.00	83	84	24	1230.14841	1230.14847	-0.00006	1.00
82	83	21	1230.52440	1230.52307	0.00133	0.00	82	83	24	1230.58210	1230.58094	0.00116	0.00
81	82	21	1230.95478	1230.95459	0.00018	1.00	81	82	24	1231.01296	1231.01245	0.00052	1.00
80	81	21	1231.38514	1231.38515	0.00000	1.00	80	81	24	1231.44224	1231.44299	-0.00075	1.00
79	80	21	1231.81456	1231.81473	-0.00017	1.00	79	80	24	1231.87284	1231.87257	0.00027	1.00
78	79	21	1232.24348	1232.24336	0.00012	1.00	78	79	24	1232.30100	1232.30118	-0.00018	1.00
77	78	21	1232.67070	1232.67102	-0.00032	1.00	77	78	24	1232.72905	1232.72883	0.00022	1.00
76	77	21	1233.09898	1233.09771	0.00127	0.00	76	77	24	1233.15439	1233.15551	-0.00112	0.00
75	76	21	1233.52402	1233.52344	0.00058	1.00	75	76	24	1233.58165	1233.58123	0.00042	1.00
74	75	21	1233.94744	1233.94820	-0.00077	1.00	74	75	24	1234.00606	1234.00598	0.00008	1.00
73	74	21	1234.37148	1234.37200	-0.00052	1.00	73	74	24	1234.42978	1234.42977	0.00001	1.00
72	73	21	1234.79410	1234.79483	-0.00073	1.00	72	73	24	1234.85209	1234.85259	-0.00050	1.00
71	72	21	1235.21645	1235.21670	-0.00025	1.00	71	72	24	1235.27432	1235.27444	-0.00012	1.00
70	71	21	1235.63738	1235.63760	-0.00021	1.00	70	71	24	1235.69488	1235.69533	-0.00044	1.00
69	70	21	1236.05718	1236.05753	-0.00035	1.00	69	70	24	1236.11534	1236.11524	0.00010	1.00
68	69	21	1236.47640	1236.47649	-0.00009	1.00	68	69	24	1236.53376	1236.53420	-0.00044	1.00
67	68	21	1236.89452	1236.89449	0.00004	1.00	67	68	24	1236.95196	1236.95218	-0.00022	1.00
66	67	21	1237.31155	1237.31152	0.00003	1.00	66	67	24	1237.36915	1237.36919	-0.00004	1.00
65	66	21	1237.72818	1237.72758	0.00061	1.00	65	66	24	1237.78492	1237.78524	-0.00032	1.00
64	65	21	1238.14247	1238.14267	-0.00020	1.00	64	65	24	1238.20035	1238.20032	0.00003	1.00
63	64	21	1238.55647	1238.55679	-0.00032	1.00	63	64	24	1238.61419	1238.61443	-0.00024	1.00
62	63	21	1238.96978	1238.96994	-0.00016	1.00	62	63	24	1239.02760	1239.02757	0.00004	1.00
61	62	21	1239.38198	1239.38212	-0.00015	1.00	61	62	24	1239.43952	1239.43974	-0.00022	1.00
60	61	21	1239.79335	1239.79334	0.00001	1.00	60	61	24	1239.85061	1239.85094	-0.00032	1.00
59	60	21	1240.20390	1240.20358	0.00032	1.00	59	60	24	1240.26109	1240.26116	-0.00007	1.00
58	59	21	1240.61277	1240.61285	-0.00008	1.00	58	59	24	1240.67046	1240.67042	0.00004	1.00
57	58	21	1241.02105	1241.02115	-0.00010	1.00	57	58	24	1241.07895	1241.07871	0.00024	1.00
56	57	21	1241.42855	1241.42847	0.00008	1.00	56	57	24	1241.48598	1241.48602	-0.00004	1.00
55	56	21	1241.83471	1241.83483	-0.00012	1.00	55	56	24	1241.89237	1241.89236	0.00001	1.00
54	55	21	1242.24025	1242.24021	0.00004	1.00	54	55	24	1242.29702	1242.29773	-0.00071	1.00
53	54	21	1242.64469	1242.64461	0.00007	1.00	53	54	24	1242.70183	1242.70212	-0.00029	1.00
52	53	21	1243.04813	1243.04805	0.00009	1.00	52	53	24	1243.10518	1243.10554	-0.00036	1.00
51	52	21	1243.4504										

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(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
36	37	24	1249.42738	1249.42734	0.00004	1.00	32	33	27	1251.03325	1251.03336	-0.00011	1.00
35	36	24	1249.81408	1249.81411	-0.00003	1.00	31	32	27	1251.41603	1251.41617	-0.00014	1.00
34	35	24	1250.19994	1250.19990	0.00005	1.00	30	31	27	1251.79804	1251.79800	0.00004	1.00
33	34	24	1250.58501	1250.58470	0.00031	1.00	29	30	27	1252.17902	1252.17883	0.00019	1.00
32	33	24	1250.96858	1250.96852	0.00006	1.00	28	29	27	1252.55857	1252.55868	-0.00011	1.00
31	32	24	1251.35138	1251.35135	0.00004	1.00	27	28	27	1252.93739	1252.93754	-0.00015	1.00
30	31	24	1251.73316	1251.73319	-0.00003	1.00	28	27	27	1272.54097	1272.54165	-0.00068	1.00
29	30	24	1252.11413	1252.11404	0.00009	1.00	29	28	27	1272.86582	1272.86228	0.00354	0.00
28	29	24	1252.49379	1252.49390	-0.00012	1.00	30	29	27	1273.18194	1273.18185	0.00010	1.00
27	28	24	1252.87277	1252.87277	0.00000	1.00	31	30	27	1273.50351	1273.50035	0.00316	0.00
26	27	24	1253.25057	1253.25066	-0.00009	1.00	32	31	27	1273.81663	1273.81779	-0.00116	0.00
25	26	24	1253.62735	1253.62754	-0.00019	1.00	33	32	27	1274.13347	1274.13417	-0.00070	1.00
24	25	24	1254.00318	1254.00344	-0.00026	1.00	34	33	27	1274.44799	1274.44948	-0.00149	0.00
25	24	24	1271.51064	1271.50956	0.00107	0.00	35	34	27	1274.76290	1274.76372	-0.00082	1.00
26	25	24	1271.83523	1271.83338	0.00185	0.00	36	35	27	1275.07638	1275.07689	-0.00051	1.00
27	26	24	1272.15617	1272.15614	0.00003	1.00	37	36	27	1275.38830	1275.38899	-0.00068	1.00
28	27	24	1272.47722	1272.47784	-0.00062	1.00	38	37	27	1275.70112	1275.70001	0.00111	0.00
29	28	24	1272.79674	1272.79849	-0.00175	0.00	39	38	27	1276.01065	1276.00996	0.00069	1.00
30	29	24	1273.11976	1273.11807	0.00169	0.00	40	39	27	1276.31828	1276.31883	-0.00055	1.00
31	30	24	1273.43723	1273.43659	0.00064	1.00	41	40	27	1276.62785	1276.62663	0.00122	0.00
32	31	24	1273.75530	1273.75405	0.00125	0.00	42	41	27	1276.93780	1276.93334	0.00446	0.00
33	32	24	1274.07092	1274.07044	0.00048	1.00	43	42	27	1277.23931	1277.23897	0.00034	1.00
34	33	24	1274.38418	1274.38577	-0.00159	0.00	82	83	30	1230.72098	1230.71989	0.00109	0.00
35	34	24	1274.69991	1274.70003	-0.00012	1.00	81	82	30	1231.15109	1231.15137	-0.00028	1.00
36	35	24	1275.01312	1275.01321	-0.00009	1.00	80	81	30	1231.58017	1231.58189	-0.00172	0.00
37	36	24	1275.32570	1275.32533	0.00037	1.00	79	80	30	1232.01219	1232.01144	0.00075	1.00
38	37	24	1275.63415	1275.63637	-0.00222	0.00	78	79	30	1232.43867	1232.44003	-0.00136	0.00
39	38	24	1275.94758	1275.94634	0.00124	0.00	77	78	30	1232.86729	1232.86765	-0.00036	1.00
40	39	24	1276.25141	1276.25523	-0.00381	0.00	76	77	30	1233.29269	1233.29430	-0.00161	0.00
83	84	27	1230.21388	1230.21408	-0.00020	1.00	75	76	30	1233.71974	1233.71999	-0.00026	1.00
82	83	27	1230.64744	1230.64654	0.00089	1.00	74	75	30	1234.14490	1234.14472	0.00019	1.00
81	82	27	1231.07760	1231.07804	-0.00044	1.00	73	74	30	1234.56853	1234.56847	0.00005	1.00
80	81	27	1231.50898	1231.50857	0.00041	1.00	72	73	30	1234.99196	1234.99126	0.00070	1.00
79	80	27	1231.93870	1231.93813	0.00057	1.00	71	72	30	1235.41327	1235.41309	0.00018	1.00
78	79	27	1232.36668	1232.36673	-0.00005	1.00	70	71	30	1235.83374	1235.83394	-0.00020	1.00
77	78	27	1232.79390	1232.79437	-0.00047	1.00	69	70	30	1236.25460	1236.25383	0.00076	1.00
76	77	27	1233.22056	1233.22104	-0.00048	1.00	68	69	30	1236.67239	1236.67275	-0.00036	1.00
75	76	27	1233.64646	1233.64674	-0.00029	1.00	67	68	30	1237.09066	1237.09070	-0.00005	1.00
74	75	27	1234.07059	1234.07148	-0.00089	1.00	66	67	30	1237.50790	1237.50769	0.00021	1.00
73	74	27	1234.49565	1234.49525	0.00040	1.00	65	66	30	1237.92299	1237.92370	-0.00071	1.00
72	73	27	1234.91798	1234.91806	-0.00008	1.00	64	65	30	1238.33864	1238.33875	-0.00011	1.00
71	72	27	1235.34114	1235.33990	0.00124	0.00	63	64	30	1238.75270	1238.75283	-0.00012	1.00
70	71	27	1235.76064	1235.76077	-0.00014	1.00	62	63	30	1239.16623	1239.16594	0.00029	1.00
69	70	27	1236.18046	1236.18068	-0.00022	1.00	61	62	30	1239.57778	1239.57807	-0.00030	1.00
68	69	27	1236.59990	1236.59961	0.00029	1.00	60	61	30	1239.98968	1239.98924	0.00044	1.00
67	68	27	1237.01787	1237.01758	0.00029	1.00	59	60	30	1240.39890	1240.39943	-0.00053	1.00
66	67	27	1237.43489	1237.43458	0.00031	1.00	58	59	30	1240.80757	1240.80866	-0.00109	0.00
65	66	27	1237.85042	1237.85062	-0.00020	1.00	57	58	30	1241.21736	1241.21691	0.00045	1.00
64	65	27	1238.26578	1238.26568	0.00010	1.00	56	57	30	1241.62441	1241.62419	0.00022	1.00
63	64	27	1238.67971	1238.67977	-0.00006	1.00	55	56	30	1242.03068	1242.03050	0.00018	1.00
62	63	27	1239.09296	1239.09290	0.00006	1.00	54	55	30	1242.43605	1242.43583	0.00022	1.00
61	62	27	1239.50514	1239.50505	0.00009	1.00	53	54	30	1242.84025	1242.84019	0.00006	1.00
60	61	27	1239.91638	1239.91623	0.00014	1.00	52	53	30	1243.24359	1243.24358	0.00001	1.00
59	60	27	1240.32708	1240.32645	0.00063	1.00	51	52	30	1243.64554	1243.64599	-0.00045	1.00
58	59	27	1240.73558	1240.73569	-0.00011	1.00	50	51	30	1244.04715	1244.04743	-0.00028	1.00
57	58	27	1241.14385	1241.14396	-0.00010	1.00	49	50	30	1244.44811	1244.44789	0.00022	1.00
56	57	27	1241.55164	1241.55126	0.00039	1.00	48	49	30	1244.84748	1244.84737	0.00011	1.00
55	56	27	1241.95769	1241.95758	0.00011	1.00	47	48	30	1245.24563	1245.24588	-0.00025	1.00
54	55	27	1242.36335	1242.36293	0.00042	1.00	46	47	30	1245.64359	1245.64341	0.00018	1.00
53	54	27	1242.76726	1242.76731	-0.00004	1.00	45	46	30	1246.04011	1246.03996	0.00015	1.00
52	53	27	1243.17046	1243.17071	-0.00025	1.00	44	45	30	1246.43566	1246.43553	0.00013	1.00
51	52	27	1243.57274	1243.57314	-0.00040	1.00	43	44	30	1246.83008	1246.83013	-0.00005	1.00
50	51	27	1243.97493	1243.97460	0.00033	1.00	42	43	30	1247.22369	1247.22374	-0.00005	1.00
49	50	27	1244.37417	1244.37508	-0.00091	1.00	41	42	30	1247.61620	1247.61638	-0.00017	1.00
48	49	27	1244.77446	1244.77458	-0.00012	1.00	40	41	30	1248.00774	1248.00803	-0.00029	1.00
47	48	27	1245.1726										

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(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
75	76	33	1233.80127	1233.80098	0.00028	1.00	47	48	36	1245.41410	1245.41449	-0.00039	1.00
74	75	33	1234.22528	1234.22569	-0.00041	1.00	46	47	36	1245.81182	1245.81198	-0.00016	1.00
73	74	33	1234.64947	1234.64943	0.00004	1.00	45	46	36	1246.20833	1246.20849	-0.00016	1.00
72	73	33	1235.07413	1235.07220	0.00192	0.00	44	45	36	1246.60412	1246.60402	0.00010	1.00
71	72	33	1235.49470	1235.49401	0.00069	1.00	43	44	36	1246.99882	1246.99857	0.00025	1.00
70	71	33	1235.91478	1235.91485	-0.00006	1.00	42	43	36	1247.39120	1247.39214	-0.00094	1.00
69	70	33	1236.33425	1236.33472	-0.00047	1.00	41	42	36	1247.78560	1247.78473	0.00087	1.00
68	69	33	1236.75324	1236.75362	-0.00038	1.00	40	41	36	1248.17593	1248.17634	-0.00041	1.00
67	68	33	1237.17109	1237.17155	-0.00047	1.00	39	40	36	1248.56756	1248.56697	0.00059	1.00
66	67	33	1237.58889	1237.58852	0.00037	1.00	38	39	36	1248.95621	1248.95661	-0.00040	1.00
65	66	33	1238.00450	1238.00452	-0.00002	1.00	37	38	36	1249.34372	1249.34528	-0.00156	0.00
64	65	33	1238.41996	1238.41955	0.00042	1.00	36	37	36	1249.73223	1249.73295	-0.00073	1.00
63	64	33	1238.83322	1238.83360	-0.00038	1.00	83	84	39	1230.55426	1230.55412	0.00014	1.00
62	63	33	1239.24693	1239.24669	0.00024	1.00	82	83	39	1230.98902	1230.98651	0.00250	0.00
61	62	33	1239.65920	1239.65881	0.00039	1.00	81	82	39	1231.41809	1231.41794	0.00015	1.00
60	61	33	1240.07014	1240.06996	0.00018	1.00	80	81	39	1231.84868	1231.84841	0.00027	1.00
59	60	33	1240.47997	1240.48013	-0.00017	1.00	79	80	39	1232.27635	1232.27790	-0.00155	0.00
58	59	33	1240.88871	1240.88934	-0.00063	1.00	78	79	39	1232.70356	1232.70644	-0.00288	0.00
57	58	33	1241.29790	1241.29757	0.00033	1.00	77	78	39	1233.13522	1233.13400	0.00122	0.00
56	57	33	1241.70395	1241.70483	-0.00088	1.00	76	77	39	1233.56083	1233.56060	0.00023	1.00
55	56	33	1242.11277	1242.11112	0.00165	0.00	75	76	39	1233.98619	1233.98623	-0.00005	1.00
54	55	33	1242.51759	1242.51643	0.00115	0.00	74	75	39	1234.41124	1234.41090	0.00034	1.00
53	54	33	1242.92143	1242.92077	0.00066	1.00	73	74	39	1234.83569	1234.83460	0.00109	0.00
52	53	33	1243.32421	1243.32414	0.00007	1.00	72	73	39	1235.25752	1235.25733	0.00019	1.00
51	52	33	1243.72586	1243.72653	-0.00067	1.00	71	72	39	1235.67875	1235.67909	-0.00034	1.00
50	51	33	1244.12660	1244.12795	-0.00135	0.00	70	71	39	1236.09904	1236.09989	-0.00085	1.00
49	50	33	1244.52665	1244.52839	-0.00173	0.00	69	70	39	1236.52030	1236.51972	0.00058	1.00
48	49	33	1244.92535	1244.92785	-0.00250	0.00	68	69	39	1236.93789	1236.93858	-0.00069	1.00
47	48	33	1245.32701	1245.32634	0.00068	1.00	67	68	39	1237.35675	1237.35647	0.00028	1.00
46	47	33	1245.72437	1245.72385	0.00052	1.00	66	67	39	1237.77306	1237.77340	-0.00034	1.00
45	46	33	1246.12061	1246.12038	0.00023	1.00	65	66	39	1238.18944	1238.18935	0.00010	1.00
44	45	33	1246.51612	1246.51593	0.00019	1.00	64	65	39	1238.60394	1238.60433	-0.00040	1.00
43	44	33	1246.91004	1246.91050	-0.00046	1.00	63	64	39	1239.01773	1239.01835	-0.00062	1.00
42	43	33	1247.30383	1247.30410	-0.00027	1.00	62	63	39	1239.43153	1239.43139	0.00014	1.00
41	42	33	1247.69689	1247.69671	0.00018	1.00	61	62	39	1239.84562	1239.84347	0.00216	0.00
40	41	33	1248.08841	1248.08834	0.00006	1.00	60	61	39	1240.25440	1240.25457	-0.00017	1.00
39	40	33	1248.47901	1248.47900	0.00001	1.00	59	60	39	1240.66469	1240.66470	-0.00001	1.00
38	39	33	1248.86828	1248.86866	-0.00038	1.00	58	59	39	1241.07398	1241.07386	0.00013	1.00
37	38	33	1249.25828	1249.25735	0.00094	1.00	57	58	39	1241.48139	1241.48205	-0.00065	1.00
36	37	33	1249.64507	1249.64505	0.00002	1.00	56	57	39	1241.89237	1241.88926	0.00311	0.00
35	36	33	1250.03176	1250.03177	-0.00001	1.00	55	56	39	1242.29702	1242.29550	0.00151	0.00
34	35	33	1250.41746	1250.41750	-0.00004	1.00	54	55	39	1242.70183	1242.70077	0.00106	0.00
33	34	33	1250.80106	1250.80225	-0.00119	0.00	53	54	39	1243.10518	1243.10506	0.00012	1.00
84	85	36	1230.02373	1230.02408	-0.00035	1.00	52	53	39	1243.50812	1243.50838	-0.00027	1.00
83	84	36	1230.45714	1230.45745	-0.00032	1.00	51	52	39	1243.90983	1243.91073	-0.00090	1.00
82	83	36	1230.88915	1230.88987	-0.00072	1.00	50	51	39	1244.31062	1244.31210	-0.00148	0.00
81	82	36	1231.32167	1231.32132	0.00036	1.00	49	50	39	1244.71086	1244.71249	-0.00163	0.00
80	81	36	1231.75229	1231.75180	0.00049	1.00	48	49	39	1245.11294	1245.11191	0.00103	0.00
79	80	36	1232.18154	1232.18132	0.00023	1.00	47	48	39	1245.51115	1245.51035	0.00081	1.00
78	79	36	1232.60857	1232.60987	-0.00129	0.00	46	47	39	1245.90797	1245.90781	0.00016	1.00
77	78	36	1233.03714	1233.03745	-0.00031	1.00	45	46	39	1246.30676	1246.30429	0.00246	0.00
76	77	36	1233.46450	1233.46407	0.00043	1.00	44	45	39	1246.69849	1246.69980	-0.00131	0.00
75	76	36	1233.88961	1233.88973	-0.00011	1.00	43	44	39	1247.09277	1247.09433	-0.00155	0.00
74	75	36	1234.31437	1234.31441	-0.00005	1.00	42	43	39	1247.48751	1247.48787	-0.00036	1.00
73	74	36	1234.73812	1234.73813	-0.00001	1.00	41	42	39	1247.87904	1247.88044	-0.00140	0.00
72	73	36	1235.16120	1235.16089	0.00031	1.00	40	41	39	1248.27201	1248.27202	-0.00002	1.00
71	72	36	1235.58789	1235.58267	0.00522	0.00	39	40	39	1248.66252	1248.66262	-0.00011	1.00
70	71	36	1236.00385	1236.00349	0.00036	1.00	84	85	42	1230.22608	1230.22524	0.00085	1.00
69	70	36	1236.42642	1236.42334	0.00308	0.00	83	84	42	1230.65815	1230.65857	-0.00043	1.00
68	69	36	1236.84386	1236.84223	0.00163	0.00	82	83	42	1231.09161	1231.09095	0.00067	1.00
67	68	36	1237.26097	1237.26014	0.00083	1.00	81	82	42	1231.52179	1231.52235	-0.00056	1.00
66	67	36	1237.67730	1237.67709	0.00021	1.00	80	81	42	1231.95218	1231.95280	-0.00061	1.00
65	66	36	1238.09245	1238.09306	-0.00061	1.00	79	80	42	1232.38271	1232.38227	0.00044	1.00
64	65	36	1238.50732	1238.50807	-0.00075	1.00	78	79	42	1232.81279	1232.81078	0.00201	0.00
63	64	36	1238.92083	1238.92211	-0.00128	0.00	77	78	42	1233.23744	1233.23832	-0.00088	1.00
62	63	36	1239.33269	1239.33518	-0.00249	0.00	76						

Continued

(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
61	62	42	1239.94776	1239.94740	0.00036	1.00	58	59	45	1241.28870	1241.28932	-0.00062	1.00
60	61	42	1240.35866	1240.35848	0.00018	1.00	57	58	45	1241.69738	1241.69745	-0.00007	1.00
59	60	42	1240.76932	1240.76858	0.00074	1.00	56	57	45	1242.10548	1242.10461	0.00087	1.00
58	59	42	1241.17729	1241.17772	-0.00042	1.00	55	56	45	1242.51071	1242.51080	-0.00008	1.00
57	58	42	1241.58439	1241.58588	-0.00149	0.00	54	55	45	1242.91568	1242.91601	-0.00033	1.00
56	57	42	1241.99336	1241.99307	0.00030	1.00	53	54	45	1243.32400	1243.32025	0.00375	0.00
55	56	42	1242.39954	1242.39928	0.00026	1.00	52	53	45	1243.72600	1243.72351	0.00249	0.00
54	55	42	1242.80372	1242.80452	-0.00080	1.00	51	52	45	1244.12660	1244.12580	0.00079	1.00
53	54	42	1243.20846	1243.20879	-0.00033	1.00	50	51	45	1244.52665	1244.52712	-0.00046	1.00
52	53	42	1243.61302	1243.61208	0.00093	1.00	49	50	45	1244.92500	1244.92745	-0.00245	0.00
51	52	42	1244.01439	1244.01440	-0.00001	1.00	76	77	48	1233.89811	1233.89687	0.00124	0.00
50	51	42	1244.41559	1244.41574	-0.00015	1.00	75	76	48	1234.32207	1234.32242	-0.00035	1.00
49	50	42	1244.81625	1244.81611	0.00014	1.00	74	75	48	1234.74495	1234.74701	-0.00206	0.00
48	49	42	1245.21585	1245.21550	0.00035	1.00	73	74	48	1235.16696	1235.17063	-0.00367	0.00
47	48	42	1245.61379	1245.61391	-0.00012	1.00	72	73	48	1235.59426	1235.59329	0.00097	1.00
46	47	42	1246.01128	1246.01135	-0.00007	1.00	71	72	48	1236.01396	1236.01497	-0.00102	0.00
45	46	42	1246.40766	1246.40781	-0.00014	1.00	70	71	48	1236.43326	1236.43569	-0.00243	0.00
44	45	42	1246.80306	1246.80328	-0.00023	1.00	69	70	48	1236.85588	1236.85544	0.00044	1.00
43	44	42	1247.19763	1247.19778	-0.00015	1.00	68	69	48	1237.27370	1237.27422	-0.00052	1.00
42	43	42	1247.59150	1247.59130	0.00020	1.00	67	68	48	1237.69246	1237.69203	0.00043	1.00
76	77	45	1233.77513	1233.77699	-0.00185	0.00	66	67	48	1238.10867	1238.10887	-0.00020	1.00
75	76	45	1234.19998	1234.20257	-0.00259	0.00	65	66	48	1238.52410	1238.52475	-0.00065	1.00
74	75	45	1234.62781	1234.62719	0.00063	1.00	64	65	48	1238.93850	1238.93965	-0.00115	0.00
73	74	45	1235.05000	1235.05084	-0.00084	1.00	63	64	48	1239.35349	1239.35358	-0.00009	1.00
72	73	45	1235.47386	1235.47352	0.00034	1.00	62	63	48	1239.76631	1239.76654	-0.00024	1.00
71	72	45	1235.89472	1235.89523	-0.00051	1.00	61	62	48	1240.17889	1240.17853	0.00036	1.00
70	71	45	1236.31655	1236.31598	0.00057	1.00	60	61	48	1240.58926	1240.58955	-0.00029	1.00
69	70	45	1236.73200	1236.73576	-0.00375	0.00	59	60	48	1240.99907	1240.99960	-0.00053	1.00
68	69	45	1237.15689	1237.15457	0.00233	0.00	58	59	48	1241.40858	1241.40867	-0.00009	1.00
67	68	45	1237.57313	1237.57241	0.00072	1.00	57	58	48	1241.81704	1241.81677	0.00027	1.00
66	67	45	1237.98900	1237.98928	-0.00028	1.00	56	57	48	1242.22363	1242.22390	-0.00028	1.00
65	66	45	1238.40290	1238.40518	-0.00228	0.00	55	56	48	1242.62957	1242.63006	-0.00049	1.00
64	65	45	1238.81500	1238.82011	-0.00511	0.00	54	55	48	1243.03473	1243.03524	-0.00051	1.00
63	64	45	1239.23416	1239.23407	0.00009	1.00	53	54	48	1243.44001	1243.43945	0.00056	1.00
62	63	45	1239.64788	1239.64707	0.00082	1.00	52	53	48	1243.84267	1243.84268	-0.00001	1.00
61	62	45	1240.05742	1240.05909	-0.00167	0.00	51	52	48	1244.24545	1244.24494	0.00051	1.00
60	61	45	1240.47139	1240.47013	0.00126	0.00	50	51	48	1244.64642	1244.64622	0.00020	1.00
59	60	45	1240.88030	1240.88021	0.00009	1.00	49	50	48	1245.05000	1245.04653	0.00347	0.00