

Supporting Information for

The Geometric and Electronic Structures of Niobium Carbon Clusters

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Table S2. Calculated vibrational frequencies

Table S1. Cartesian coordinates (Å) for each of the optimized structures, as neutral molecule and as monocation.

Neutral				Cation		
2/2A						
Nb	1.358	0.018	-0.008	1.365	0.018	0.000
Nb	-1.358	-0.018	-0.008	-1.366	-0.018	0.000
C	0.016	-1.381	0.008	0.016	-1.378	0.000
C	-0.016	1.381	0.008	-0.016	1.378	0.000
2/2B						
Nb	-1.156	0.834	-1.000	-1.150	1.333	0.000
Nb	-0.870	-0.647	0.713	-0.839	-0.992	0.000
C	1.285	-0.482	0.610	1.266	-0.781	0.000
C	0.741	0.295	-0.323	0.723	0.440	0.000
2/2C						
Nb	0.000	0.000	-1.502	0.000	0.000	-5.260
Nb	0.000	0.000	1.502	0.000	0.000	5.260
C	0.000	0.000	-3.251	0.000	0.000	-6.968
C	0.000	0.000	3.251	0.000	0.000	6.968
3/3A						
Nb	-1.411	-0.818	0.000	-1.444	1.098	0.073
Nb	1.416	-0.818	0.000	1.443	1.098	0.073
Nb	-0.005	1.636	0.000	-0.002	-1.359	0.073
C	0.018	0.042	-1.282	-0.007	0.357	1.302
C	-1.683	0.876	0.819	-1.637	-0.595	-0.771
C	1.588	0.826	0.936	1.648	-0.599	-0.751
3/3B						
Nb	0.970	0.902	-0.523	1.359	-0.557	0.000
Nb	0.000	0.000	1.942	0.000	1.964	0.000
Nb	-0.970	-0.902	-0.523	-1.359	-0.557	0.000
C	-0.813	1.125	0.550	-0.283	0.551	-1.335
C	0.813	-1.125	0.550	0.283	0.551	1.335
C	0.000	0.000	-1.995	0.000	-1.952	0.000
3/3C						
Nb	-1.273	-0.768	0.000	-1.909	-1.019	0.196
Nb	-0.089	1.536	0.000	-0.734	1.376	0.196
Nb	1.362	-0.768	0.000	0.743	-1.019	0.196

C	-0.097	0.080	1.427	-0.888	-0.051	1.570
C	1.583	1.072	-1.247	0.945	0.825	-0.934
C	2.486	0.136	-1.503	1.844	-0.112	-1.224

3/3D

Nb	1.481	-1.045	0.000	1.428	0.803	-0.534
Nb	-0.151	0.910	-1.484	-0.016	-1.662	-0.433
Nb	-0.151	0.910	1.484	-1.429	0.850	-0.433
C	0.084	-1.026	-1.392	1.497	-0.857	0.467
C	-1.347	1.277	0.000	-1.525	-0.857	0.467
C	0.084	-1.026	1.392	0.045	1.724	0.467

3/3E

Nb	2.032	0.000	-0.948	-2.034	-0.951	0.000
Nb	0.000	0.000	1.059	0.006	1.088	0.000
Nb	-2.032	0.000	-0.948	2.026	-0.951	0.000
C	0.000	0.000	-1.008	0.000	-1.007	0.000
C	2.095	0.000	0.922	-2.086	0.905	0.000
C	-2.095	0.000	0.922	2.088	0.916	0.000

3/3F

Nb	0.813	1.408	0.000	0.011	1.645	0.000
Nb	0.813	-1.408	0.000	1.419	-0.827	0.000
Nb	-1.626	0.000	0.000	-1.440	-0.827	0.000
C	2.250	0.000	0.000	1.935	1.078	0.000
C	-1.125	1.948	0.000	-1.891	1.138	0.000
C	-1.125	-1.948	0.000	-0.034	-2.207	0.000

3/4A

Nb	-0.839	-1.453	-0.246	-0.844	-1.461	-0.237
Nb	-0.839	1.453	-0.246	-0.844	1.461	-0.237
Nb	1.677	0.000	-0.246	1.687	0.000	-0.237
C	0.885	1.532	0.734	0.900	1.558	0.718
C	0.885	-1.532	0.734	0.900	-1.558	0.718
C	-1.769	0.000	0.734	-1.799	0.000	0.718
C	0.000	0.000	-1.466	0.000	0.000	-1.444

4/2A

Nb	0.000	1.399	0.857	0.000	1.417	0.788
Nb	0.000	-1.399	0.857	0.000	-1.417	0.788
Nb	-0.012	1.201	-1.423	0.000	1.225	-1.445
Nb	1.431	0.003	0.566	1.412	0.000	0.658
C	-1.431	-0.003	0.566	-1.412	0.000	0.658
C	0.012	-1.201	-1.423	0.000	-1.225	-1.445

4/3A

Nb	1.511	0.000	-0.958	1.561	0.000	-0.924
Nb	-0.756	-1.309	-0.958	-0.780	-1.352	-0.924
Nb	0.000	0.000	1.587	0.000	0.000	1.569
Nb	-0.756	1.309	-0.958	-0.780	1.352	-0.924
C	0.829	1.436	0.429	0.825	1.428	0.401
C	0.829	-1.436	0.429	0.825	-1.428	0.401
C	-1.658	0.000	0.429	-1.649	0.000	0.401

4/4A

Nb	0.003	-1.042	-1.476	1.066	-1.029	-1.029
Nb	1.477	1.042	0.000	-1.066	-1.029	1.029
Nb	-1.475	1.043	0.000	1.066	1.029	1.029
Nb	-0.005	-1.042	1.476	-1.066	1.029	-1.029
C	-1.434	-1.012	-0.002	0.957	1.040	-1.040
C	1.431	-1.015	0.002	-0.957	-1.040	-1.040
C	0.003	1.014	-1.433	0.957	-1.040	1.040
C	0.000	1.013	1.433	-0.957	1.040	1.040

4/4B

Nb	-1.424	0.004	0.000	-1.430	0.003	-0.074
Nb	0.007	2.072	0.000	0.005	2.075	0.098
Nb	1.425	-0.003	0.000	1.430	-0.003	-0.074
Nb	-0.007	-2.072	0.000	-0.005	-2.075	0.098
C	0.011	0.696	-1.749	0.002	0.690	-1.750
C	0.007	-0.685	-1.755	-0.002	-0.690	-1.750
C	-0.007	0.685	1.755	0.002	0.684	1.726
C	-0.011	-0.696	1.749	-0.002	-0.684	1.726

4/4C

Nb	-0.003	-1.108	0.554	-1.172	0.325	0.000
Nb	-0.033	1.793	0.699	1.031	-1.666	0.000
Nb	2.027	0.485	-0.836	0.885	0.377	-2.066
Nb	-2.006	0.484	-0.858	0.885	0.377	2.066
C	1.954	-1.285	-0.204	-0.916	0.891	-2.015

C	0.007	0.582	-1.103	1.094	0.478	0.000
C	-1.942	-1.292	-0.210	-0.916	0.891	2.015
C	-0.005	0.342	1.957	-0.892	-1.673	0.000

4/4D

Nb	1.176	-1.176	0.376	1.216	-1.216	0.350
Nb	-1.176	1.176	0.376	-1.216	1.216	0.350
Nb	1.176	1.176	-0.376	1.216	1.216	-0.350
Nb	-1.176	-1.176	-0.376	-1.216	-1.216	-0.350
C	0.482	0.482	1.822	0.478	0.478	1.718
C	-0.482	-0.482	1.822	-0.478	-0.478	1.718
C	0.482	-0.482	-1.822	0.478	-0.478	-1.718
C	-0.482	0.482	-1.822	-0.478	0.478	-1.718

4/4E

Nb	0.446	1.036	-1.115	0.321	0.959	-1.122
Nb	1.095	-0.939	0.916	1.114	-0.890	1.036
Nb	-0.590	1.198	1.115	-0.550	1.158	1.207
Nb	-1.080	-1.198	-0.568	-1.033	-1.265	-0.727
C	-3.088	-0.386	-0.469	-2.946	-0.400	-0.549
C	-2.384	0.435	0.281	-2.212	0.404	0.184
C	3.088	-0.262	0.503	3.029	-0.306	0.405
C	2.332	0.444	-0.311	2.276	0.340	-0.434

4/4F

Nb	0.594	1.167	0.516	0.304	1.596	0.568
Nb	1.589	-0.775	1.416	1.082	-0.560	1.627
Nb	-0.758	-1.167	-0.504	0.079	-0.996	-0.847
Nb	-1.328	1.034	-1.416	-1.201	1.131	-1.538
C	-3.439	0.511	-1.168	-2.826	0.359	-0.611
C	-2.797	-0.445	-0.569	-1.866	-0.541	-0.380
C	3.439	-0.320	0.442	2.463	-0.776	0.131
C	2.603	0.629	0.100	1.868	0.422	-0.132

4/4G

Nb	-0.798	1.979	0.000	-0.743	1.976	0.000
Nb	2.627	-0.419	0.000	2.636	-0.378	0.000
Nb	0.798	-1.979	0.000	0.743	-1.976	0.000
Nb	-2.627	0.419	0.000	-2.636	0.378	0.000
C	-0.663	-0.280	0.000	-0.671	-0.252	0.000
C	1.487	1.409	0.000	1.473	1.407	0.000
C	0.663	0.280	0.000	0.671	0.252	0.000
C	-1.487	-1.409	0.000	-1.473	-1.407	0.000

4/4H

Nb	0.000	0.000	-2.519	0.000	0.000	-3.082
Nb	0.000	1.517	0.000	0.000	1.273	0.000
Nb	0.000	-1.517	0.000	0.000	-1.273	0.000
Nb	0.000	0.000	2.519	0.000	0.000	3.082
C	0.000	-1.940	-2.064	0.000	-1.562	-2.003
C	0.000	-1.940	2.064	0.000	-1.562	2.003
C	0.000	1.940	2.064	0.000	1.562	2.003
C	0.000	1.940	-2.064	0.000	1.562	-2.003

5/3A

Nb	1.977	1.375	0.000	1.971	1.373	0.000
Nb	-1.549	-1.113	0.000	-1.526	-1.095	0.000
Nb	-0.067	1.020	1.477	-0.079	1.018	1.486
Nb	1.424	-1.102	0.000	1.420	-1.118	0.000
Nb	-0.067	1.020	-1.477	-0.079	1.018	-1.486
C	-0.098	-1.069	-1.420	-0.094	-1.066	-1.418
C	-1.523	0.937	0.000	-1.518	0.938	0.000
C	-0.098	-1.069	1.420	-0.094	-1.066	1.418

5/3B

Nb	-1.151	1.994	0.000	-1.139	1.973	0.000
Nb	-1.151	-1.994	0.000	-1.139	-1.973	0.000
Nb	2.302	0.000	0.000	2.278	0.000	0.000
Nb	0.000	0.000	1.477	0.000	0.000	1.519
Nb	0.000	0.000	-1.477	0.000	0.000	-1.519
C	-1.691	0.000	0.000	-1.665	0.000	0.000
C	0.845	1.464	0.000	0.833	1.442	0.000
C	0.845	-1.464	0.000	0.833	-1.442	0.000

5/6A

Nb	1.386	0.122	-0.780	0.003	0.043	1.675
Nb	-1.386	-0.122	-0.780	-1.269	0.154	-0.980
Nb	0.000	0.000	1.564	1.408	0.139	-0.938
Nb	-0.106	2.620	-0.010	0.037	-2.444	0.103
Nb	0.106	-2.620	-0.010	0.073	2.630	0.158

C	1.402	1.538	0.793	1.480	-1.334	0.918
C	1.455	-1.474	0.865	1.479	1.367	0.808
C	-1.455	1.474	0.865	0.068	-1.445	-1.654
C	-1.402	-1.538	0.793	0.094	1.664	-1.647
C	0.050	1.493	-1.650	-1.391	-1.241	0.865
C	-0.050	-1.493	-1.650	-1.359	1.487	0.891

5/6B

Nb	0.000	-1.824	-1.039	0.000	-1.888	-1.083
Nb	0.000	1.824	-1.039	0.000	1.888	-1.083
Nb	0.000	0.000	2.084	0.000	0.000	2.176
Nb	1.856	0.000	-0.016	1.918	0.000	-0.006
Nb	-1.856	0.000	-0.016	-1.918	0.000	-0.006
C	0.759	-1.666	0.963	0.759	-1.539	0.890
C	-0.759	-1.666	0.963	-0.759	-1.539	0.890
C	0.759	1.666	0.963	0.759	1.539	0.890
C	-0.759	1.666	0.963	-0.759	1.539	0.890
C	0.749	0.000	-1.913	0.755	0.000	-1.779
C	-0.749	0.000	-1.913	-0.755	0.000	-1.779

6/6A

Nb	0.030	0.010	-0.865	-1.464	0.000	0.071
Nb	0.096	2.045	1.049	0.000	2.090	1.449
Nb	0.094	-2.028	1.048	0.000	-2.090	1.449
Nb	2.004	0.009	1.006	1.464	0.000	0.071
Nb	2.148	-2.120	-1.109	0.000	-2.151	-1.502
Nb	2.150	2.138	-1.108	0.000	2.151	-1.502
C	-0.318	0.008	1.474	0.000	0.000	1.788
C	0.152	2.218	-1.037	-1.392	2.206	-0.072
C	0.150	-2.198	-1.038	-1.392	-2.206	-0.072
C	2.233	0.009	-1.196	0.000	0.000	-1.535
C	2.174	2.216	0.893	1.392	2.206	-0.072
C	2.172	-2.198	0.892	1.392	-2.206	-0.072

6/6B

Nb	1.054	1.038	1.807	1.804	1.042	1.054
Nb	-1.054	-1.038	1.807	1.804	-1.042	-1.054
Nb	1.054	1.038	-1.807	-1.804	1.042	1.054
Nb	2.064	-1.074	0.000	0.000	2.084	-1.054
Nb	-1.054	-1.038	-1.807	-1.804	-1.042	-1.054
Nb	-2.064	1.074	0.000	0.000	-2.084	1.054
C	-1.009	1.003	1.775	1.765	-1.019	0.981
C	2.059	0.965	0.000	0.000	2.039	0.981
C	-1.009	1.003	-1.775	-1.765	-1.019	0.981
C	-2.059	-0.965	0.000	0.000	-2.039	-0.981
C	1.009	-1.003	1.775	1.765	1.019	-0.981
C	1.009	-1.003	-1.775	-1.765	1.019	-0.981

6/6C

Nb	2.100	0.363	0.587	2.114	0.363	0.591
Nb	-2.100	-0.363	0.587	-2.114	-0.363	0.591
Nb	0.287	1.367	-1.628	0.295	1.371	-1.646
Nb	-0.287	-1.367	-1.628	-0.295	-1.371	-1.646
Nb	-0.079	1.770	0.943	-0.082	1.755	0.944
Nb	0.079	-1.770	0.943	0.082	-1.755	0.944
C	-1.641	0.299	-1.475	-1.620	0.290	-1.467
C	1.641	-0.299	-1.475	1.620	-0.290	-1.467
C	-1.677	1.417	-0.616	-1.657	1.402	-0.609
C	1.677	-1.417	-0.616	1.657	-1.402	-0.609
C	0.688	0.057	2.189	0.687	0.055	2.187
C	-0.688	-0.057	2.189	-0.687	-0.055	2.187

6/6D

Nb	0.000	0.000	1.684	0.000	0.000	1.265
Nb	-1.818	1.821	0.000	-2.012	1.862	0.000
Nb	0.000	0.000	-1.684	0.000	0.000	-1.265
Nb	-1.818	-1.821	0.000	-2.012	-1.862	0.000
Nb	1.818	1.821	0.000	2.012	1.862	0.000
Nb	1.818	-1.821	0.000	2.012	-1.862	0.000
C	0.000	1.045	0.000	0.000	1.983	0.000
C	0.000	-1.045	0.000	0.000	-1.983	0.000
C	1.745	0.000	0.715	2.320	0.000	0.807
C	1.745	0.000	-0.715	2.320	0.000	-0.807
C	-1.745	0.000	-0.715	-2.320	0.000	-0.807
C	-1.745	0.000	0.715	-2.320	0.000	0.807

6/7A

Nb	0.001	2.565	1.169	0.000	2.515	1.140
Nb	0.005	2.033	-1.695	0.000	2.052	-1.731
Nb	-0.011	-2.571	1.154	0.000	-2.515	1.140

Nb	-1.265	-0.002	0.045	-1.290	0.000	0.081
Nb	0.008	-2.026	-1.710	0.000	-2.052	-1.731
Nb	1.251	-0.002	0.045	1.290	0.000	0.081
C	0.008	0.674	1.980	0.000	0.674	2.002
C	1.408	2.289	-0.248	1.407	2.224	-0.299
C	0.004	-0.686	1.977	0.000	-0.674	2.002
C	1.402	-2.290	-0.256	1.407	-2.224	-0.299
C	0.011	0.005	-1.957	0.000	0.000	-1.784
C	-1.408	2.283	-0.243	-1.407	2.224	-0.299
C	-1.414	-2.273	-0.262	-1.407	-2.224	-0.299

6/7B

Nb	-0.011	-2.078	-1.714	-0.836	1.516	-2.076
Nb	-0.016	-1.959	1.246	0.576	-1.073	-2.038
Nb	0.008	2.081	-1.702	-0.836	1.516	2.076
Nb	-1.483	0.012	-0.068	-1.304	-0.673	0.000
Nb	0.009	1.957	1.256	0.576	-1.073	2.038
Nb	1.501	-0.013	-0.050	1.276	0.727	0.000
C	0.717	-0.004	2.032	1.621	-1.457	0.000
C	1.390	-2.183	-0.319	1.061	0.945	-2.184
C	0.011	0.005	-1.764	-0.850	1.519	0.000
C	1.416	2.166	-0.303	1.061	0.945	2.184
C	-0.719	-0.004	2.032	0.413	-2.094	0.000
C	-1.423	-2.156	-0.333	-1.379	-0.399	-2.176
C	-1.399	2.174	-0.314	-1.379	-0.399	2.176

6/7C

Nb	1.051	1.221	2.107	1.057	1.225	2.143
Nb	-0.521	-1.229	2.426	-0.527	-1.191	2.395
Nb	0.974	1.082	-2.044	0.937	1.045	-2.011
Nb	1.386	-0.981	0.130	1.474	-1.006	0.137
Nb	-0.770	-1.170	-1.716	-0.781	-1.155	-1.780
Nb	-1.063	0.610	0.071	-1.094	0.642	0.065
C	-2.315	0.602	-1.820	-2.335	0.586	-1.799
C	-0.901	0.759	2.348	-0.883	0.785	2.351
C	1.187	1.213	0.005	1.145	1.148	0.056
C	-1.170	1.116	-2.268	-1.199	1.100	-2.266
C	-0.720	-1.629	0.426	-0.612	-1.522	0.335
C	1.480	-0.714	2.341	1.458	-0.730	2.344
C	1.382	-0.881	-2.006	1.361	-0.928	-1.970

6/7D

Nb	0.000	1.453	2.398	0.000	1.454	2.399
Nb	0.000	-1.453	2.398	0.000	-1.454	2.399
Nb	0.000	1.811	-1.656	0.000	1.783	-1.666
Nb	1.322	0.000	0.099	1.386	0.000	0.117
Nb	0.000	-1.811	-1.656	0.000	-1.783	-1.666
Nb	-1.322	0.000	0.099	-1.386	0.000	0.117
C	0.000	0.000	-2.827	0.000	0.000	-2.871
C	-1.410	0.000	2.377	-1.407	0.000	2.361
C	0.000	1.897	0.390	0.000	1.804	0.379
C	-1.262	0.000	-2.194	-1.243	0.000	-2.156
C	0.000	-1.897	0.390	0.000	-1.804	0.379
C	1.410	0.000	2.377	1.407	0.000	2.361
C	1.262	0.000	-2.194	1.243	0.000	-2.156

6/7E

Nb	1.563	1.285	0.022	1.495	1.293	0.035
Nb	-1.366	-1.511	-1.180	-1.429	-1.622	-1.188
Nb	0.182	-0.136	2.076	0.190	-0.109	2.054
Nb	-2.097	0.862	0.442	-2.028	0.852	0.343
Nb	1.397	-1.486	-0.087	1.505	-1.571	-0.075
Nb	-0.816	0.992	-1.819	-0.794	1.046	-1.849
C	-1.643	-1.130	1.011	-1.590	-1.139	0.936
C	-0.243	1.777	1.232	-0.278	1.860	1.265
C	-0.487	-1.894	0.856	-0.383	-1.855	0.773
C	-0.444	2.298	-0.068	-0.421	2.404	-0.016
C	1.342	0.069	-1.742	1.272	0.026	-1.645
C	0.465	-0.920	-2.126	0.325	-0.925	-1.998
C	2.148	-0.204	1.382	2.134	-0.259	1.365

6/7F

Nb	1.086	1.162	1.902	1.176	1.185	2.014
Nb	-0.892	-0.974	1.642	-0.868	-0.974	1.454
Nb	1.086	1.162	-1.902	1.176	1.185	-2.014
Nb	1.809	-0.996	0.000	1.679	-1.016	0.000
Nb	-0.892	-0.974	-1.642	-0.868	-0.974	-1.454
Nb	-2.107	1.216	0.000	-2.295	1.245	0.000
C	-0.055	-1.776	0.000	-0.019	-2.124	0.000
C	-0.944	1.128	1.705	-0.760	1.207	1.345

C	1.856	1.109	0.000	1.522	1.188	0.000
C	-0.944	1.128	-1.705	-0.760	1.207	-1.345
C	-2.552	-0.661	0.000	-2.549	-0.673	0.000
C	1.275	-0.761	2.209	1.282	-0.727	2.201
C	1.275	-0.761	-2.209	1.282	-0.727	-2.201

6/7G

Nb	1.696	0.979	1.020	2.154	1.244	1.695
Nb	1.696	-0.979	-1.020	2.154	-1.244	-1.695
Nb	-1.696	0.979	1.020	-2.154	1.244	1.695
Nb	0.000	1.958	-1.020	0.000	2.488	-1.695
Nb	-1.696	-0.979	-1.020	-2.154	-1.244	-1.695
Nb	0.000	-1.958	1.020	0.000	-2.488	1.695
C	0.000	0.000	0.000	0.000	0.000	0.000
C	2.077	-1.199	0.935	2.247	-1.297	1.066
C	0.000	2.398	0.935	0.000	2.595	1.066
C	-2.077	-1.199	0.935	-2.247	-1.297	1.066
C	0.000	-2.398	-0.935	0.000	-2.595	-1.066
C	2.077	1.199	-0.935	2.247	1.297	-1.066
C	-2.077	1.199	-0.935	-2.247	1.297	-1.066

6/7H

Nb	2.023	0.194	-0.562	2.027	0.117	-0.529
Nb	-2.023	-0.194	-0.562	-2.027	-0.117	-0.529
Nb	0.680	-1.144	1.641	0.713	-1.154	1.649
Nb	-0.680	1.144	1.641	-0.713	1.154	1.649
Nb	-0.106	-1.809	-1.131	-0.102	-1.805	-1.166
Nb	0.106	1.809	-1.131	0.102	1.805	-1.166
C	0.000	0.000	-0.011	0.000	0.000	-0.003
C	-1.648	-0.896	1.657	-1.616	-0.909	1.642
C	1.648	0.896	1.657	1.616	0.909	1.642
C	-1.326	-1.935	0.830	-1.272	-1.918	0.799
C	1.326	1.935	0.830	1.272	1.918	0.799
C	0.683	-0.056	-2.429	0.684	-0.072	-2.393
C	-0.683	0.056	-2.429	-0.684	0.072	-2.393

6/7I

Nb	2.110	-1.481	0.000
Nb	0.000	0.000	1.471
Nb	-2.110	-1.481	0.000
Nb	0.000	0.000	-1.471
Nb	2.110	1.481	0.000
Nb	-2.110	1.481	0.000
C	-2.188	0.000	1.385
C	0.000	1.686	0.000
C	-2.188	0.000	-1.385
C	0.000	-1.686	0.000
C	0.000	0.000	0.000
C	2.188	0.000	1.385
C	2.188	0.000	-1.385

6/8A

Nb	0.692	1.087	-1.809	0.718	1.104	-1.834
Nb	-0.856	-1.658	0.977	-0.840	-1.646	0.993
Nb	2.507	-0.304	-0.156	2.507	-0.323	-0.168
Nb	0.545	0.581	1.982	0.539	0.578	1.997
Nb	0.534	-1.691	-1.626	0.547	-1.681	-1.629
Nb	-1.532	0.918	0.151	-1.600	0.918	0.171
C	1.301	-1.369	1.494	1.315	-1.369	1.491
C	1.589	1.610	0.178	1.581	1.584	0.160
C	1.310	-2.135	0.332	1.308	-2.151	0.346
C	0.284	2.042	0.286	0.249	1.958	0.281
C	-1.088	-0.136	-1.842	-1.047	-0.118	-1.827
C	-1.577	-1.066	-0.949	-1.555	-1.036	-0.933
C	2.098	-0.406	-2.198	2.093	-0.385	-2.217
C	-1.446	0.029	2.079	-1.455	0.072	2.068

6/8B

Nb	0.015	2.542	-1.453	-2.554	1.431	0.000
Nb	0.007	2.533	1.418	-2.554	-1.431	0.000
Nb	-0.015	-2.542	-1.453	2.554	1.431	0.000
Nb	1.199	-0.014	0.025	0.000	0.000	1.229
Nb	-0.007	-2.533	1.418	2.554	-1.431	0.000
Nb	-1.199	0.014	0.025	0.000	0.000	-1.229
C	0.002	0.662	-2.187	-0.663	2.083	0.000
C	0.008	0.662	2.213	-0.663	-2.083	0.000
C	-1.393	2.459	-0.014	-2.401	0.000	-1.403
C	-0.002	-0.662	-2.187	0.663	2.083	0.000
C	-1.413	-2.463	-0.003	2.401	0.000	-1.403
C	-0.008	-0.662	2.213	0.663	-2.083	0.000

C	1.413	2.463	-0.003	-2.401	0.000	1.403
C	1.393	-2.459	-0.014	2.401	0.000	1.403

6/8C

Nb	0.997	0.691	2.240	0.772	0.799	1.999
Nb	-0.957	-1.393	1.261	-0.913	-1.672	1.291
Nb	1.044	1.454	-1.873	1.294	1.448	-2.013
Nb	1.544	-1.174	-0.231	1.538	-1.200	-0.275
Nb	-0.967	-0.783	-1.682	-0.808	-0.825	-1.554
Nb	-1.833	1.189	0.290	-1.903	1.141	0.506
C	-0.054	-2.331	-0.396	-0.093	-2.466	-0.387
C	0.375	1.469	0.236	0.235	1.508	-0.115
C	-1.056	0.578	2.200	-1.203	0.658	2.347
C	1.742	1.338	0.228	1.675	1.339	0.042
C	-1.021	1.285	-1.843	-0.657	1.555	-1.285
C	-2.427	-0.700	-0.127	-2.318	-0.710	-0.034
C	1.291	-1.195	1.939	1.115	-1.130	1.827
C	1.321	-0.427	-2.243	1.266	-0.445	-2.348

6/8D

Nb	1.867	-1.867	0.000	1.897	-1.897	0.000
Nb	1.867	1.867	0.000	1.897	1.897	0.000
Nb	0.000	0.000	-1.444	0.000	0.000	-1.498
Nb	0.000	0.000	1.444	0.000	0.000	1.498
Nb	-1.867	1.867	0.000	-1.897	1.897	0.000
Nb	-1.867	-1.867	0.000	-1.897	-1.897	0.000
C	2.254	0.000	0.830	2.149	0.000	0.817
C	2.254	0.000	-0.830	2.149	0.000	-0.817
C	-2.254	0.000	0.830	-2.149	0.000	0.817
C	-2.254	0.000	-0.830	-2.149	0.000	-0.817
C	0.000	2.254	0.830	0.000	2.149	0.817
C	0.000	2.254	-0.830	0.000	2.149	-0.817
C	0.000	-2.254	0.830	0.000	-2.149	0.817
C	0.000	-2.254	-0.830	0.000	-2.149	-0.817

6/8E

Nb	0.000	0.000	-2.112	-2.110	0.000	0.000
Nb	0.000	2.109	0.000	0.000	-2.110	0.000
Nb	-2.108	0.000	0.000	0.000	0.000	-2.110
Nb	2.108	0.000	0.000	0.000	0.000	2.110
Nb	0.000	0.000	2.112	2.110	0.000	0.000
Nb	0.000	-2.109	0.000	0.000	2.110	0.000
C	1.452	1.450	-1.451	-1.451	-1.451	1.451
C	-1.452	1.450	-1.451	-1.451	-1.451	-1.451
C	1.452	-1.450	1.451	1.451	1.451	1.451
C	-1.452	-1.450	1.451	1.451	1.451	-1.451
C	1.452	1.450	1.451	1.451	-1.451	1.451
C	-1.452	1.450	1.451	1.451	-1.451	-1.451
C	1.452	-1.450	-1.451	-1.451	1.451	1.451
C	-1.452	-1.450	-1.451	-1.451	1.451	-1.451

6/9A

Nb	-1.640	-1.202	-0.361	-1.632	-1.184	-0.352
Nb	0.518	-1.163	1.662	0.531	-1.158	1.666
Nb	1.033	-1.160	-1.243	1.058	-1.166	-1.269
Nb	-0.518	1.163	1.662	-0.531	1.158	1.666
Nb	1.640	1.202	-0.361	1.632	1.184	-0.352
Nb	-1.033	1.160	-1.243	-1.058	1.166	-1.269
C	2.477	-0.820	0.385	2.480	-0.824	0.386
C	2.536	0.034	1.459	2.532	0.036	1.454
C	1.608	0.900	2.003	1.599	0.888	2.008
C	-1.608	-0.900	2.003	-1.599	-0.888	2.008
C	-2.536	-0.034	1.459	-2.532	-0.036	1.454
C	-2.477	0.820	0.385	-2.480	0.824	0.386
C	-0.967	-0.841	-2.433	-0.963	-0.826	-2.416
C	0.000	0.000	-2.943	0.000	0.000	-2.952
C	0.967	0.841	-2.433	0.963	0.826	-2.416

7/9A

Nb	1.752	1.012	0.443	-1.586	0.879	0.378
Nb	1.412	-0.884	-1.672	0.015	2.047	-1.714
Nb	0.040	1.883	-1.649	-1.967	-1.104	-1.629
Nb	-1.496	-0.899	-1.633	1.918	-1.108	-1.638
Nb	-0.005	0.020	2.513	0.002	0.011	2.644
Nb	-1.641	1.012	0.443	-0.016	-1.560	0.378
Nb	-0.046	-2.135	0.443	1.625	0.879	0.378
C	-1.923	1.166	-1.708	-0.024	-1.825	-1.721
C	1.973	-1.218	0.328	0.031	2.437	0.381
C	0.070	2.499	0.411	-2.303	-1.259	0.496
C	2.013	1.140	-1.701	-1.713	0.929	-1.759

C	-2.085	-1.203	0.392	2.273	-1.276	0.479
C	-0.051	-2.473	-1.651	1.740	0.935	-1.768
C	-1.693	-0.938	1.689	1.721	-0.942	1.712
C	0.044	1.993	1.698	-1.735	-0.927	1.722
C	1.636	-0.977	1.653	0.016	1.884	1.660

7/9B

Nb	0.017	1.830	-1.166	0.026	1.802	-1.183
Nb	-1.616	-0.895	-1.138	-1.590	-0.870	-1.168
Nb	1.091	-0.666	-1.193	1.171	-0.715	-1.172
Nb	0.095	-0.044	1.264	0.007	0.003	1.285
Nb	2.649	1.401	0.302	2.632	1.417	0.340
Nb	0.017	-2.992	0.347	-0.031	-2.986	0.365
Nb	-2.397	1.440	0.408	-2.400	1.453	0.351
C	-2.222	-0.555	1.029	-2.225	-0.541	1.004
C	-1.574	-1.765	1.041	-1.587	-1.756	1.011
C	2.088	1.315	-1.589	2.110	1.262	-1.550
C	2.278	-0.559	0.897	2.239	-0.551	0.932
C	1.576	-1.732	0.909	1.533	-1.719	0.939
C	-2.088	1.235	-1.563	-2.014	1.209	-1.603
C	-0.189	-2.485	-1.551	-0.145	-2.468	-1.529
C	0.823	2.236	1.000	0.822	2.230	0.989
C	-0.550	2.236	1.000	-0.549	2.230	0.989

7/9C

Nb	0.000	0.000	-1.386	0.000	0.000	-1.337
Nb	-1.473	1.592	0.804	-1.497	1.595	0.843
Nb	1.473	-1.592	0.804	1.497	-1.595	0.843
Nb	1.473	1.592	0.804	1.497	1.595	0.843
Nb	-1.473	-1.592	0.804	-1.497	-1.595	0.843
Nb	-3.161	0.000	-1.091	-3.143	0.000	-1.101
Nb	3.161	0.000	-1.091	3.143	0.000	-1.101
C	0.000	0.000	0.842	0.000	0.000	0.891
C	-1.698	1.441	-1.234	-1.694	1.445	-1.171
C	1.698	-1.441	-1.234	1.694	-1.445	-1.171
C	-1.698	-1.441	-1.234	-1.694	-1.445	-1.171
C	1.698	1.441	-1.234	1.694	1.445	-1.171
C	0.000	2.904	1.363	0.000	2.945	1.112
C	0.000	-2.904	1.363	0.000	-2.945	1.112
C	-3.043	0.000	0.860	-3.085	0.000	0.868
C	3.043	0.000	0.860	3.085	0.000	0.868

8/12A

Nb	-1.116	-1.117	-1.117	-1.138	-1.139	-1.140
Nb	1.116	1.117	-1.117	1.138	1.139	-1.140
Nb	-1.116	1.117	1.117	-1.138	1.139	1.140
Nb	1.116	-1.117	1.117	1.138	-1.139	1.140
Nb	-1.759	-1.760	1.760	-1.759	-1.759	1.759
Nb	1.759	1.760	1.760	1.759	1.759	1.759
Nb	-1.759	1.760	-1.760	-1.759	1.759	-1.759
Nb	1.759	-1.760	-1.760	1.759	-1.759	-1.759
C	2.736	-0.491	-0.491	2.731	-0.489	-0.489
C	-2.736	0.491	-0.491	-2.731	0.489	-0.489
C	2.736	0.491	0.491	2.731	0.489	0.489
C	-2.736	-0.491	0.491	-2.731	-0.489	0.489
C	-0.491	-0.491	2.738	-0.489	-0.489	2.734
C	0.491	0.491	2.738	0.489	0.489	2.734
C	-0.491	0.491	-2.738	-0.489	0.489	-2.734
C	0.491	-0.491	-2.738	0.489	-0.489	-2.734
C	0.490	2.737	0.491	0.488	2.732	0.489
C	-0.490	-2.737	0.491	-0.488	-2.732	0.489
C	0.490	-2.737	-0.491	0.488	-2.732	-0.489
C	-0.490	2.737	-0.491	-0.488	2.732	-0.489

8/12B

Nb	0.000	-2.012	-1.044	0.000	-2.023	-1.048
Nb	0.000	2.012	-1.044	0.000	2.023	-1.048
Nb	-1.287	0.000	0.936	-1.272	0.000	0.923
Nb	1.287	0.000	0.936	1.272	0.000	0.923
Nb	0.000	-2.568	1.864	0.000	-2.585	1.878
Nb	0.000	2.568	1.864	0.000	2.585	1.878
Nb	-1.961	0.000	-1.857	-1.959	0.000	-1.873
Nb	1.961	0.000	-1.857	1.959	0.000	-1.873
C	2.184	1.666	-0.518	2.142	1.664	-0.516
C	-2.184	-1.666	-0.518	-2.142	-1.664	-0.516
C	1.630	2.345	0.556	1.618	2.344	0.568
C	-1.630	-2.345	0.556	-1.618	-2.344	0.568
C	0.000	-0.699	2.729	0.000	-0.693	2.711
C	0.000	0.699	2.729	0.000	0.693	2.711
C	0.000	0.705	-2.704	0.000	0.704	-2.697

C	0.000	-0.705	-2.704	0.000	-0.704	-2.697
C	-1.630	2.345	0.556	-1.618	2.344	0.568
C	1.630	-2.345	0.556	1.618	-2.344	0.568
C	2.184	-1.666	-0.518	2.142	-1.664	-0.516
C	-2.184	1.666	-0.518	-2.142	1.664	-0.516

8/12C

Nb	1.733	-1.000	0.985	-0.938	1.003	1.795
Nb	1.733	1.000	-0.985	0.938	-1.003	1.795
Nb	-1.733	1.000	-0.985	0.938	-1.003	-1.795
Nb	-1.733	-1.000	0.985	-0.938	1.003	-1.795
Nb	0.000	2.001	0.985	1.750	0.984	0.000
Nb	0.000	-2.001	-0.985	-1.750	-0.984	0.000
Nb	0.000	0.000	3.243	0.008	3.304	0.000
Nb	0.000	0.000	-3.243	-0.008	-3.304	0.000
C	0.000	2.498	-1.102	2.378	-1.092	0.000
C	0.000	-2.498	1.102	-2.378	1.092	0.000
C	2.163	1.249	1.102	1.237	1.148	2.222
C	2.163	-1.249	-1.102	-1.237	-1.148	2.222
C	-2.163	-1.249	-1.102	-1.237	-1.148	-2.222
C	-2.163	1.249	1.102	1.237	1.148	-2.222
C	1.590	0.918	2.309	0.923	2.355	1.630
C	1.590	-0.918	-2.309	-0.923	-2.355	1.630
C	-1.590	-0.918	-2.309	-0.923	-2.355	-1.630
C	-1.590	0.918	2.309	0.923	2.355	-1.630
C	0.000	1.836	-2.309	1.795	-2.323	0.000
C	0.000	-1.836	2.309	-1.795	2.323	0.000

8/12D

Nb	-1.952	1.944	0.000	-1.957	1.961	0.000
Nb	-0.592	-1.036	0.000	-0.603	-1.040	0.000
Nb	1.823	-2.694	0.000	1.820	-2.684	0.000
Nb	0.895	1.900	0.000	0.875	1.879	0.000
Nb	1.429	-0.167	1.803	1.447	-0.172	1.838
Nb	1.429	-0.167	-1.803	1.447	-0.172	-1.838
Nb	-1.399	0.291	2.370	-1.413	0.287	2.401
Nb	-1.399	0.291	-2.370	-1.413	0.287	-2.401
C	2.796	-0.865	0.000	2.780	-0.858	0.000
C	2.638	0.514	0.000	2.615	0.514	0.000
C	-0.337	-1.557	2.333	-0.337	-1.543	2.327
C	-0.337	-1.557	-2.333	-0.337	-1.543	-2.327
C	-0.713	2.312	1.679	-0.710	2.286	1.678
C	-0.713	2.312	-1.679	-0.710	2.286	-1.678
C	0.374	1.656	2.248	0.368	1.631	2.249
C	0.374	1.656	-2.248	0.368	1.631	-2.249
C	0.549	-2.327	1.618	0.555	-2.303	1.621
C	0.549	-2.327	-1.618	0.555	-2.303	-1.621
C	-2.708	-0.090	0.688	-2.676	-0.071	0.687
C	-2.708	-0.090	-0.688	-2.676	-0.071	-0.687

8/12E

Nb	-1.285	-1.286	-1.019	-1.317	-1.317	-1.080
Nb	1.285	1.286	-1.019	1.317	1.317	-1.080
Nb	-1.285	1.286	1.019	-1.317	1.317	1.080
Nb	1.285	-1.286	1.019	1.317	-1.317	1.080
Nb	-1.414	-1.414	1.943	-1.422	-1.422	1.944
Nb	1.414	1.414	1.943	1.422	1.422	1.944
Nb	-1.414	1.414	-1.943	-1.422	1.422	-1.944
Nb	1.414	-1.414	-1.943	1.422	-1.422	-1.944
C	2.702	-0.437	-0.546	2.667	-0.420	-0.553
C	-2.702	0.437	-0.546	-2.667	0.420	-0.553
C	2.702	0.437	0.546	2.667	0.420	0.553
C	-2.702	-0.437	0.546	-2.667	-0.420	0.553
C	-0.502	0.502	2.797	-0.491	0.491	2.828
C	0.502	-0.502	2.797	0.491	-0.491	2.828
C	0.502	0.502	-2.797	0.491	0.491	-2.828
C	-0.502	-0.502	-2.797	-0.491	-0.491	-2.828
C	0.436	2.702	0.546	0.420	2.667	0.553
C	-0.436	-2.702	0.546	-0.420	-2.667	0.553
C	0.436	-2.702	-0.546	0.420	-2.667	-0.553
C	-0.436	2.702	-0.546	-0.420	2.667	-0.553

8/12F

Nb	-1.018	1.016	3.848	-1.014	1.014	3.863
Nb	1.018	-1.016	3.848	1.014	-1.014	3.863
Nb	-0.897	0.897	-1.546	-0.897	0.897	-1.519
Nb	0.897	-0.897	1.546	0.897	-0.897	1.519
Nb	0.897	-0.897	-1.546	0.897	-0.897	-1.519
Nb	-0.897	0.897	1.546	-0.897	0.897	1.519
Nb	-1.018	-1.016	-3.848	-1.014	-1.014	-3.863

Nb	1.018	1.016	-3.848	1.014	1.014	-3.863
C	1.000	-1.003	-3.864	1.009	-1.009	-3.794
C	1.425	1.420	-1.859	1.409	1.409	-1.878
C	-1.000	-1.003	3.864	-1.009	-1.009	3.794
C	-1.362	1.363	0.540	-1.376	1.376	0.554
C	-1.362	-1.363	-0.540	-1.376	-1.376	-0.554
C	1.362	-1.363	0.540	1.376	-1.376	0.554
C	1.000	1.003	3.864	1.009	1.009	3.794
C	1.362	1.363	-0.540	1.376	1.376	-0.554
C	-1.425	1.420	1.859	-1.409	1.409	1.878
C	1.425	-1.420	1.859	1.409	-1.409	1.878
C	-1.425	-1.420	-1.859	-1.409	-1.409	-1.878
C	-1.000	1.003	-3.864	-1.009	1.009	-3.794

8/12G

Nb	0.000	0.000	1.960	0.000	0.000	1.904
Nb	0.000	0.000	-1.337	0.000	0.000	-1.328
Nb	1.315	2.278	0.560	1.330	2.303	0.562
Nb	1.315	-2.278	0.560	1.330	-2.303	0.562
Nb	-2.631	0.000	0.560	-2.659	0.000	0.562
Nb	-1.343	2.326	-0.617	-1.361	2.358	-0.612
Nb	-1.343	-2.326	-0.617	-1.361	-2.358	-0.612
Nb	2.686	0.000	-0.617	2.723	0.000	-0.612
C	2.243	0.679	1.539	2.238	0.677	1.514
C	2.243	-0.679	1.539	2.238	-0.677	1.514
C	-0.533	2.282	1.539	-0.533	2.277	1.514
C	-0.533	-2.282	1.539	-0.533	-2.277	1.514
C	-1.709	1.603	1.539	-1.705	1.600	1.514
C	-1.709	-1.603	1.539	-1.705	-1.600	1.514
C	1.742	1.653	-1.614	1.730	1.635	-1.585
C	1.742	-1.653	-1.614	1.730	-1.635	-1.585
C	0.561	2.335	-1.614	0.551	2.316	-1.585
C	0.561	-2.335	-1.614	0.551	-2.316	-1.585
C	-2.303	0.682	-1.614	-2.281	0.680	-1.585
C	-2.303	-0.682	-1.614	-2.281	-0.680	-1.585

8/12H

Nb	0.000	0.000	-1.333	-0.515	-1.364	0.000
Nb	-2.354	1.359	-0.581	1.051	-1.055	-2.374
Nb	0.000	-2.718	-0.581	-2.675	0.542	0.000
Nb	2.354	1.359	-0.581	1.051	-1.055	2.374
Nb	0.000	0.000	1.333	0.515	1.364	0.000
Nb	-2.354	-1.359	0.581	-1.051	1.055	-2.374
Nb	2.354	-1.359	0.581	-1.051	1.055	2.374
Nb	0.000	2.718	0.581	2.675	-0.542	0.000
C	-2.361	0.579	1.543	1.076	1.195	-2.310
C	-1.682	1.755	1.543	2.158	0.738	-1.635
C	-0.679	-2.334	1.543	-1.523	2.303	-0.682
C	0.679	-2.334	1.543	-1.523	2.303	0.682
C	1.682	1.755	1.543	2.158	0.738	1.635
C	2.361	0.579	1.543	1.076	1.195	2.310
C	-0.679	2.334	-1.543	1.523	-2.303	-0.682
C	0.679	2.334	-1.543	1.523	-2.303	0.682
C	-2.361	-0.579	-1.543	-1.076	-1.195	-2.310
C	-1.682	-1.755	-1.543	-2.158	-0.738	-1.635
C	2.361	-0.579	-1.543	-1.076	-1.195	2.310
C	1.682	-1.755	-1.543	-2.158	-0.738	1.635

8/12I

Nb	1.541	2.301	0.186	0.381	2.339	-1.496
Nb	1.290	-2.324	-0.714	-0.381	-2.339	-1.496
Nb	-1.764	-0.157	-1.317	-1.737	-0.198	1.434
Nb	-1.053	0.206	1.993	1.737	0.198	1.434
Nb	1.729	-0.339	1.377	1.737	-0.198	-1.434
Nb	1.041	0.317	-1.892	-1.737	0.198	-1.434
Nb	-1.412	-2.319	0.610	0.381	-2.339	1.496
Nb	-1.465	2.369	0.080	-0.381	2.339	1.496
C	-2.749	0.726	0.535	-0.120	0.663	2.779
C	-2.729	-0.643	0.709	0.120	-0.663	2.779
C	2.754	0.646	-0.400	0.120	0.663	-2.779
C	2.677	-0.702	-0.682	-0.120	-0.663	-2.779
C	0.795	-2.443	1.320	1.494	-2.364	-0.544
C	0.263	2.443	-1.469	-1.494	2.364	-0.544
C	0.059	-1.665	2.181	2.157	-1.580	0.366
C	-0.779	1.688	-1.951	-2.157	1.580	0.366
C	-0.919	-2.297	-1.428	-1.494	-2.364	0.544
C	-0.185	2.324	1.740	1.494	2.364	0.544
C	0.823	1.490	2.159	2.157	1.580	-0.366
C	-0.150	-1.485	-2.226	-2.157	-1.580	-0.366

8/12J

Nb	-2.287	1.030	-0.942	1.035	1.035	2.141
Nb	-0.781	-1.030	-2.347	-1.035	-1.035	2.141
Nb	0.781	-1.030	2.347	1.035	-1.035	-2.141
Nb	2.287	1.030	0.942	-1.035	1.035	-2.141
Nb	-1.684	0.000	1.571	2.198	0.000	0.000
Nb	1.684	0.000	-1.571	-2.198	0.000	0.000
Nb	0.000	-2.294	0.000	0.000	-2.198	0.000
Nb	0.000	2.294	0.000	0.000	2.198	0.000
C	-0.989	2.048	1.944	2.081	2.081	-0.859
C	2.009	-2.048	-0.851	-2.081	-2.081	-0.859
C	-2.009	-2.048	0.851	2.081	-2.081	0.859
C	0.989	2.048	-1.944	-2.081	2.081	0.859
C	-2.048	2.126	0.923	2.321	2.321	0.454
C	1.064	-2.126	-1.978	-2.321	-2.321	0.454
C	-1.064	-2.126	1.978	2.321	-2.321	-0.454
C	2.048	2.126	-0.923	-2.321	2.321	-0.454
C	0.223	1.201	2.006	1.230	1.230	-1.647
C	1.986	-1.201	0.363	-1.230	-1.230	-1.647
C	-1.986	-1.201	-0.363	1.230	-1.230	1.647
C	-0.223	1.201	-2.006	-1.230	1.230	1.647

8/12K

Nb	1.569	2.143	0.776	-1.602	1.602	1.602
Nb	-1.592	-0.793	2.120	1.602	-1.602	1.602
Nb	-1.603	0.753	-2.126	-1.602	-1.602	-1.602
Nb	1.626	-2.103	-0.770	1.602	1.602	-1.602
Nb	-1.569	-2.143	-0.776	1.602	-1.602	-1.602
Nb	1.592	0.793	-2.120	-1.602	1.602	-1.602
Nb	1.603	-0.753	2.126	1.602	1.602	1.602
Nb	-1.626	2.103	0.770	-1.602	-1.602	1.602
C	0.719	2.391	-1.109	-2.616	0.743	0.000
C	-0.719	-2.391	1.109	2.616	-0.743	0.000
C	-0.775	2.372	-1.112	-2.616	-0.743	0.000
C	0.775	-2.372	1.112	2.616	0.743	0.000
C	2.623	0.349	0.682	0.000	2.616	0.743
C	-2.633	0.282	0.672	0.000	-2.616	0.743
C	-2.623	-0.349	-0.682	0.000	-2.616	-0.743
C	2.633	-0.282	-0.672	0.000	2.616	-0.743
C	-0.027	1.787	2.066	-0.743	0.000	-2.616
C	-0.011	0.434	2.697	0.743	0.000	2.616
C	0.011	-0.434	-2.697	-0.743	0.000	-2.616
C	0.027	-1.787	-2.066	0.743	0.000	-2.616

8/12L

Nb	2.293	1.896	0.175	0.000	1.940	-2.291
Nb	2.373	-1.238	1.313	1.680	-0.970	-2.291
Nb	3.939	0.000	-0.275	0.000	0.000	-3.960
Nb	2.144	-0.659	-1.964	-1.680	-0.970	-2.291
Nb	-2.144	0.659	1.964	1.680	0.970	2.291
Nb	-2.373	1.238	-1.313	-1.680	0.970	2.291
Nb	-3.939	0.000	0.275	0.000	0.000	3.960
Nb	-2.293	-1.896	-0.175	0.000	-1.940	2.291
C	-0.748	-1.345	-1.576	-1.359	-1.599	0.637
C	0.748	1.345	1.575	1.359	1.599	-0.637
C	0.782	0.013	2.059	2.064	0.377	-0.637
C	0.560	1.820	-1.107	-1.359	1.599	-0.637
C	0.660	-2.079	0.308	0.706	-1.976	-0.637
C	-0.497	-0.734	2.017	2.064	-0.377	0.637
C	-0.562	1.833	1.085	0.706	1.976	0.637
C	-0.659	2.079	-0.308	-0.706	1.976	0.637
C	-0.560	-1.820	1.107	1.359	-1.599	0.637
C	0.562	-1.833	-1.085	-0.706	-1.976	-0.637
C	0.497	0.734	-2.017	-2.064	0.377	-0.637
C	-0.782	-0.013	-2.059	-2.064	-0.377	0.637

8/12M

Nb	-1.589	-2.221	2.112	-1.989	1.989	-1.989
Nb	-2.310	2.221	-1.283	-1.989	-1.989	1.989
Nb	2.411	1.735	1.758	1.989	-1.989	-1.989
Nb	-1.488	1.735	2.587	-1.989	-1.989	-1.989
Nb	1.589	2.221	-2.112	1.989	-1.989	1.989
Nb	-2.411	-1.735	-1.758	-1.989	1.989	1.989
Nb	2.310	-2.221	1.283	1.989	1.989	-1.989
Nb	1.488	-1.735	-2.587	1.989	1.989	1.989
C	-0.476	-1.790	-2.241	0.000	2.002	2.002
C	1.587	0.251	-2.424	2.002	0.000	2.002
C	-0.372	2.292	-1.751	0.000	-2.002	2.002
C	-2.436	0.251	-1.569	-2.002	0.000	2.002
C	1.959	-2.041	-0.673	2.002	2.002	0.000

C	2.063	2.041	-0.182	2.002	-2.002	0.000
C	2.436	-0.251	1.569	2.002	0.000	-2.002
C	0.372	-2.292	1.751	0.000	2.002	-2.002
C	-2.063	-2.041	0.182	-2.002	2.002	0.000
C	0.476	1.790	2.241	0.000	-2.002	-2.002
C	-1.959	2.041	0.673	-2.002	-2.002	0.000
C	-1.587	-0.251	2.424	-2.002	0.000	-2.002

8/12N

Nb	1.424	1.965	-1.561
Nb	-1.941	-1.331	-1.669
Nb	1.866	-1.939	1.039
Nb	1.349	-1.306	-2.190
Nb	-1.424	-1.965	1.561
Nb	-1.866	1.939	-1.039
Nb	1.941	1.331	1.669
Nb	-1.349	1.306	2.190
C	-0.688	1.145	0.335
C	-1.046	-0.146	0.884
C	-0.740	-1.156	-0.108
C	-1.270	0.128	-0.517
C	0.198	0.487	1.273
C	0.166	-0.933	1.000
C	1.270	-0.128	0.517
C	0.740	1.156	0.108
C	-0.166	0.933	-1.000
C	0.688	-1.145	-0.335
C	-0.198	-0.487	-1.273
C	1.046	0.146	-0.884

8/12O

Nb	-1.823	2.082	-1.073
Nb	-1.590	-2.093	1.377
Nb	1.526	-1.225	-2.232
Nb	-1.888	-1.237	-1.927
Nb	1.823	-2.082	1.073
Nb	-1.526	1.225	2.232
Nb	1.590	2.093	-1.377
Nb	1.888	1.237	1.927
C	0.108	0.734	1.241
C	1.107	-0.252	0.895
C	0.070	-1.245	0.731
C	-0.929	-0.259	1.077
C	1.037	0.993	0.164
C	0.999	-0.986	-0.346
C	0.929	0.259	-1.077
C	-0.070	1.245	-0.731
C	-0.999	0.986	0.346
C	-0.108	-0.734	-1.241
C	-1.037	-0.993	-0.164
C	-1.107	0.252	-0.895

8/12P

Nb	1.667	2.085	-1.500
Nb	1.860	-2.085	1.253
Nb	-1.618	1.380	2.203
Nb	-1.909	-1.380	-1.956
Nb	-1.667	-2.085	1.500
Nb	-1.860	2.085	-1.253
Nb	1.618	-1.380	-2.203
Nb	1.909	1.380	1.956
C	-0.022	1.913	-0.311
C	0.022	-1.913	0.311
C	0.072	1.639	1.032
C	-0.072	-1.639	-1.032
C	0.562	0.361	-1.820
C	0.809	-0.361	1.724
C	-0.562	-0.361	1.820
C	-0.809	0.361	-1.724
C	1.817	0.673	0.010
C	1.798	-0.673	-0.263
C	-1.798	0.673	0.263
C	-1.817	-0.673	-0.010

8/13A

Nb	-1.169	-1.169	1.169	-1.181	-1.181	1.181
Nb	1.169	1.169	1.169	1.181	1.181	1.181
Nb	-1.169	1.169	-1.169	-1.181	1.181	-1.181
Nb	1.169	-1.169	-1.169	1.181	-1.181	-1.181
Nb	1.760	-1.760	1.760	1.760	-1.760	1.760

Nb	-1.760	1.760	1.760	-1.760	1.760	1.760
Nb	1.760	1.760	-1.760	1.760	1.760	-1.760
Nb	-1.760	-1.760	-1.760	-1.760	-1.760	-1.760
C	0.000	0.000	0.000	0.000	0.000	0.000
C	0.490	-2.788	0.490	0.489	-2.765	0.489
C	-0.490	2.788	0.490	-0.489	2.765	0.489
C	0.490	2.788	-0.490	0.489	2.765	-0.489
C	-0.490	-2.788	-0.490	-0.489	-2.765	-0.489
C	2.788	-0.490	0.490	2.765	-0.489	0.489
C	-2.788	0.490	0.490	-2.765	0.489	0.489
C	2.788	0.490	-0.490	2.765	0.489	-0.489
C	-2.788	-0.490	-0.490	-2.765	-0.489	-0.489
C	0.490	-0.490	2.788	0.489	-0.489	2.765
C	-0.490	0.490	2.788	-0.489	0.489	2.765
C	0.490	0.490	-2.788	0.489	0.489	-2.765
C	-0.490	-0.490	-2.788	-0.489	-0.489	-2.765

9/8A

Nb	0.000	0.000	-0.899	0.000	0.000	-0.862
Nb	0.000	1.964	1.211	0.000	1.989	1.196
Nb	0.000	-1.964	1.211	0.000	-1.989	1.196
Nb	1.964	0.000	1.211	1.988	0.000	1.196
Nb	-1.964	0.000	1.211	-1.988	0.000	1.196
Nb	-2.072	2.072	-0.953	-2.082	2.082	-0.955
Nb	2.072	-2.072	-0.953	2.082	-2.082	-0.955
Nb	-2.072	-2.072	-0.953	-2.082	-2.082	-0.955
Nb	2.072	2.072	-0.953	2.082	2.082	-0.955
C	0.000	2.276	-1.045	0.000	2.272	-1.022
C	0.000	-2.276	-1.045	0.000	-2.272	-1.022
C	-2.276	0.000	-1.045	-2.273	0.000	-1.020
C	2.276	0.000	-1.045	2.273	0.000	-1.020
C	2.184	2.184	1.012	2.185	2.187	0.996
C	-2.184	-2.184	1.012	-2.185	-2.187	0.996
C	-2.184	2.184	1.012	-2.185	2.187	0.996
C	2.184	-2.184	1.012	2.185	-2.187	0.996

9/8B

Nb	-1.930	-1.850	0.287	-1.880	-1.809	0.268
Nb	-1.930	1.850	0.287	-1.880	1.809	0.268
Nb	1.930	1.850	0.287	1.880	1.809	0.268
Nb	1.930	-1.850	0.287	1.880	-1.809	0.268
Nb	0.000	-2.281	-2.054	0.000	-2.294	-2.040
Nb	-1.498	0.000	-1.704	-1.565	0.000	-1.868
Nb	0.000	2.281	-2.054	0.000	2.294	-2.040
Nb	1.498	0.000	-1.704	1.565	0.000	-1.868
Nb	0.000	0.000	1.567	0.000	0.000	1.816
C	2.322	0.000	1.308	2.268	0.000	1.287
C	3.031	0.000	0.060	2.938	0.000	-0.015
C	-2.322	0.000	1.308	-2.268	0.000	1.287
C	-3.031	0.000	0.060	-2.938	0.000	-0.015
C	0.000	2.230	1.137	0.000	2.174	1.212
C	0.000	2.912	-0.104	0.000	2.904	-0.021
C	0.000	-2.230	1.137	0.000	-2.174	1.212
C	0.000	-2.912	-0.104	0.000	-2.904	-0.021

9/8C

Nb	0.000	-2.121	0.635	0.000	-2.102	0.650
Nb	2.199	0.000	0.680	2.150	0.000	0.682
Nb	1.403	-1.419	-1.895	1.419	-1.458	-1.943
Nb	1.403	1.419	-1.895	1.419	1.458	-1.943
Nb	0.000	2.121	0.635	0.000	2.102	0.650
Nb	0.000	0.000	2.756	0.000	0.000	2.797
Nb	-1.403	-1.419	-1.895	-1.419	-1.458	-1.943
Nb	-2.199	0.000	0.680	-2.150	0.000	0.682
Nb	-1.403	1.419	-1.895	-1.419	1.458	-1.943
C	0.000	2.918	-1.380	0.000	2.888	-1.367
C	-1.447	1.420	1.940	-1.431	1.420	1.960
C	1.447	-1.420	1.940	1.431	-1.420	1.960
C	0.000	-2.918	-1.380	0.000	-2.888	-1.367
C	-1.447	-1.420	1.940	-1.431	-1.420	1.960
C	1.447	1.420	1.940	1.431	1.420	1.960
C	2.864	0.000	-1.405	2.796	0.000	-1.398
C	-2.864	0.000	-1.405	-2.796	0.000	-1.398

9/9A

Nb	0.000	0.000	-0.954	0.000	0.000	-0.895
Nb	0.000	2.053	1.109	0.000	2.085	1.098
Nb	0.000	-2.053	1.109	0.000	-2.085	1.098
Nb	2.053	0.000	1.109	2.085	0.000	1.098
Nb	-2.053	0.000	1.109	-2.085	0.000	1.098

Nb	-2.089	2.089	-1.066	-2.098	2.098	-1.063
Nb	2.089	-2.089	-1.066	2.098	-2.098	-1.063
Nb	-2.089	-2.089	-1.066	-2.098	-2.098	-1.063
Nb	2.089	2.089	-1.066	2.098	2.098	-1.063
C	0.000	0.000	1.794	0.000	0.000	1.646
C	0.000	2.286	-1.140	0.000	2.284	-1.107
C	0.000	-2.286	-1.140	0.000	-2.284	-1.107
C	-2.286	0.000	-1.140	-2.284	0.000	-1.107
C	2.286	0.000	-1.140	2.284	0.000	-1.107
C	2.198	2.198	0.887	2.200	2.200	0.884
C	-2.198	-2.198	0.887	-2.200	-2.200	0.884
C	-2.198	2.198	0.887	-2.200	2.200	0.884
C	2.198	-2.198	0.887	2.200	-2.200	0.884

9/9B

Nb	-1.840	-1.840	0.343	-1.841	-1.838	0.358
Nb	-1.840	1.840	0.343	-1.841	1.838	0.358
Nb	1.840	1.840	0.343	1.841	1.838	0.358
Nb	1.840	-1.840	0.343	1.841	-1.838	0.358
Nb	0.000	-2.068	-1.808	0.000	-2.061	-1.811
Nb	-2.068	0.000	-1.808	-2.057	0.000	-1.821
Nb	0.000	2.068	-1.808	0.000	2.061	-1.811
Nb	2.068	0.000	-1.808	2.057	0.000	-1.821
Nb	0.000	0.000	1.948	0.000	0.000	1.974
C	2.261	0.000	1.391	2.251	0.000	1.385
C	3.000	0.000	0.177	2.972	0.000	0.158
C	-2.261	0.000	1.391	-2.251	0.000	1.385
C	-3.000	0.000	0.177	-2.972	0.000	0.158
C	0.000	2.261	1.391	0.000	2.257	1.393
C	0.000	3.000	0.177	0.000	2.973	0.168
C	0.000	-2.261	1.391	0.000	-2.257	1.393
C	0.000	-3.000	0.177	0.000	-2.973	0.168
C	0.000	0.000	-2.359	0.000	0.000	-2.349

9/9C

Nb	0.000	0.000	-1.916	0.000	0.000	-2.401
Nb	-2.124	0.000	2.250	-2.102	0.000	2.170
Nb	2.124	0.000	2.250	2.102	0.000	2.170
Nb	0.000	1.506	0.863	0.000	1.897	1.169
Nb	0.000	-1.506	0.863	0.000	-1.897	1.169
Nb	-2.094	1.809	-1.065	-2.127	1.520	-0.993
Nb	-2.094	-1.809	-1.065	-2.127	-1.520	-0.993
Nb	2.094	1.809	-1.065	2.127	1.520	-0.993
Nb	2.094	-1.809	-1.065	2.127	-1.520	-0.993
C	0.000	0.000	2.489	0.000	0.000	2.331
C	-2.220	0.000	-2.006	-2.115	0.000	-2.431
C	2.220	0.000	-2.006	2.115	0.000	-2.431
C	0.000	2.123	-1.283	0.000	1.732	-1.048
C	0.000	-2.123	-1.283	0.000	-1.732	-1.048
C	-2.195	1.609	1.010	-2.139	1.698	1.080
C	-2.195	-1.609	1.010	-2.139	-1.698	1.080
C	2.195	1.609	1.010	2.139	1.698	1.080
C	2.195	-1.609	1.010	2.139	-1.698	1.080

9/10A

Nb	0.000	0.991	-0.009	0.000	1.002	0.022
Nb	2.006	-1.249	-0.108	1.995	-1.243	-0.116
Nb	-2.006	-1.249	-0.108	-1.995	-1.243	-0.115
Nb	0.000	-1.238	-2.123	0.000	-1.218	-2.128
Nb	0.000	-0.958	1.946	0.000	-1.026	1.916
Nb	2.550	0.937	1.837	2.582	0.955	1.825
Nb	-2.078	0.937	-2.240	-2.073	0.955	-2.242
Nb	-2.550	0.937	1.837	-2.582	0.955	1.826
Nb	2.078	0.937	-2.241	2.073	0.955	-2.242
C	0.668	1.489	2.298	0.663	1.390	2.334
C	0.000	-1.987	0.005	0.000	-2.029	-0.007
C	2.369	1.007	-0.208	2.314	1.035	-0.209
C	-2.369	1.007	-0.208	-2.314	1.035	-0.209
C	-0.668	1.489	2.298	-0.663	1.390	2.334
C	0.000	1.020	-2.312	0.000	1.034	-2.285
C	2.147	-1.028	-2.329	2.139	-1.002	-2.319
C	-2.307	-1.009	1.999	-2.344	-0.972	1.966
C	2.307	-1.009	1.998	2.344	-0.972	1.966
C	-2.147	-1.028	-2.329	-2.139	-1.002	-2.319

9/10B

Nb	0.000	1.623	-1.463	0.000	1.632	-1.473
Nb	0.000	-1.623	-1.463	0.000	-1.632	-1.473
Nb	0.000	0.000	0.891	0.000	0.000	0.935
Nb	2.359	0.000	-0.883	2.339	0.000	-0.894

Nb	-2.359	0.000	-0.883	-2.339	0.000	-0.894
Nb	-2.018	2.531	0.602	-2.013	2.539	0.607
Nb	2.018	-2.531	0.602	2.013	-2.539	0.607
Nb	-2.018	-2.531	0.602	-2.013	-2.539	0.607
Nb	2.018	2.531	0.602	2.013	2.539	0.607
C	-2.459	-0.678	1.399	-2.416	-0.679	1.382
C	0.000	2.411	0.568	0.000	2.398	0.572
C	0.000	-2.411	0.568	0.000	-2.398	0.572
C	2.147	2.125	-1.335	2.129	2.122	-1.325
C	-2.147	2.125	-1.335	-2.129	2.122	-1.325
C	-2.147	-2.125	-1.335	-2.129	-2.122	-1.325
C	2.147	-2.125	-1.335	2.129	-2.122	-1.325
C	-2.459	0.678	1.399	-2.416	0.679	1.382
C	2.459	0.678	1.399	2.416	0.679	1.382
C	2.459	-0.678	1.399	2.416	-0.679	1.382

9/10C

Nb	-1.934	-2.088	-0.681	-1.971	-2.087	-0.692
Nb	-1.934	2.088	-0.681	-1.971	2.087	-0.692
Nb	-1.376	0.000	1.264	-1.354	0.000	1.355
Nb	0.000	3.114	1.310	0.000	3.095	1.325
Nb	1.934	2.088	-0.681	1.971	2.087	-0.692
Nb	0.000	0.000	-1.566	0.000	0.000	-1.543
Nb	0.000	-3.114	1.310	0.000	-3.095	1.325
Nb	1.934	-2.088	-0.681	1.971	-2.087	-0.692
Nb	1.376	0.000	1.264	1.354	0.000	1.355
C	2.115	0.000	-0.823	2.070	0.000	-0.760
C	-2.115	0.000	-0.823	-2.070	0.000	-0.760
C	-1.758	-2.073	1.458	-1.793	-2.083	1.362
C	0.000	-3.226	-0.755	0.000	-3.192	-0.728
C	0.000	3.226	-0.755	0.000	3.192	-0.728
C	-1.758	2.073	1.458	-1.793	2.083	1.362
C	0.000	2.208	-1.767	0.000	2.195	-1.760
C	0.000	-2.208	-1.767	0.000	-2.195	-1.760
C	1.758	2.073	1.458	1.793	2.083	1.362
C	1.758	-2.073	1.458	1.793	-2.083	1.362

9/10D

Nb	-1.961	-2.011	0.677	-1.916	-1.919	0.688
Nb	-1.961	2.011	0.677	-1.916	1.919	0.688
Nb	1.961	2.011	0.677	1.916	1.919	0.688
Nb	1.961	-2.011	0.677	1.916	-1.919	0.688
Nb	0.000	-2.438	-1.644	0.000	-2.374	-1.708
Nb	-1.429	0.000	-1.133	-1.545	0.000	-1.377
Nb	0.000	2.438	-1.644	0.000	2.374	-1.708
Nb	1.429	0.000	-1.133	1.545	0.000	-1.377
Nb	0.000	0.000	1.668	0.000	0.000	1.842
C	2.165	0.000	1.288	2.295	0.000	1.600
C	3.165	0.000	0.312	2.943	0.000	0.354
C	-2.165	0.000	1.288	-2.295	0.000	1.600
C	-3.165	0.000	0.312	-2.943	0.000	0.354
C	0.000	2.253	1.549	0.000	2.284	1.531
C	0.000	3.028	0.344	0.000	2.988	0.297
C	0.000	-2.253	1.549	0.000	-2.284	1.531
C	0.000	-3.028	0.344	0.000	-2.988	0.297
C	0.000	0.671	-2.904	0.000	0.680	-2.995
C	0.000	-0.671	-2.904	0.000	-0.680	-2.995

10/12A

Nb	-2.085	-2.086	-1.475	-2.080	-2.080	-1.474
Nb	-2.085	2.086	-1.475	-2.080	2.080	-1.474
Nb	-2.212	0.000	0.468	-2.223	0.000	0.487
Nb	0.000	2.215	0.468	0.000	2.223	0.487
Nb	2.085	2.086	-1.475	2.080	2.080	-1.474
Nb	0.000	-2.215	0.468	0.000	-2.223	0.487
Nb	2.085	-2.086	-1.475	2.080	-2.080	-1.474
Nb	0.000	0.000	-1.478	0.000	0.000	-1.502
Nb	2.212	0.000	0.468	2.223	0.000	0.487
Nb	0.000	0.000	2.380	0.000	0.000	2.372
C	1.636	-1.637	1.830	1.635	-1.635	1.824
C	-1.636	1.637	1.830	-1.635	1.635	1.824
C	-2.229	2.229	0.705	-2.223	2.223	0.692
C	0.000	2.316	-1.753	0.000	2.289	-1.747
C	2.229	2.229	0.705	2.223	2.223	0.692
C	-2.229	-2.229	0.705	-2.223	-2.223	0.692
C	0.000	-2.316	-1.753	0.000	-2.289	-1.747
C	2.229	-2.229	0.705	2.223	-2.223	0.692
C	1.636	1.637	1.830	1.635	1.635	1.824
C	2.315	0.000	-1.752	2.289	0.000	-1.747
C	-2.315	0.000	-1.752	-2.289	0.000	-1.747

C	-1.636	-1.637	1.830	-1.635	-1.635	1.824
10/12B						
Nb	0.000	1.875	1.376	0.000	1.884	1.402
Nb	2.000	1.131	-0.660	1.995	1.133	-0.669
Nb	-2.000	1.131	-0.660	-1.995	1.133	-0.669
Nb	0.000	-2.356	-0.614	0.000	-2.349	-0.617
Nb	-1.440	-0.884	-2.828	-1.441	-0.890	-2.840
Nb	0.000	0.028	3.739	0.000	0.016	3.749
Nb	0.000	1.716	-2.828	0.000	1.738	-2.840
Nb	1.440	-0.884	-2.828	1.441	-0.890	-2.840
Nb	-1.389	-0.835	1.424	-1.418	-0.840	1.427
Nb	1.389	-0.835	1.424	1.418	-0.840	1.427
C	-1.673	-0.994	-0.732	-1.662	-0.983	-0.740
C	2.202	1.343	1.544	2.190	1.326	1.548
C	-2.202	1.343	1.544	-2.190	1.326	1.548
C	0.000	1.997	-0.768	0.000	1.981	-0.764
C	2.025	1.123	-2.808	2.003	1.121	-2.799
C	0.000	-2.675	1.646	0.000	-2.643	1.634
C	0.000	-2.410	-2.766	0.000	-2.402	-2.757
C	1.673	-0.994	-0.732	1.662	-0.983	-0.740
C	0.000	-1.960	2.827	0.000	-1.935	2.818
C	-1.606	1.008	2.753	-1.600	0.988	2.759
C	1.606	1.008	2.753	1.600	0.988	2.759
C	-2.025	1.123	-2.808	-2.003	1.121	-2.799

10/12C						
Nb	0.000	0.044	1.848	0.000	0.050	-1.865
Nb	0.000	-1.919	-0.232	0.000	-1.827	0.247
Nb	0.000	2.892	1.361	0.000	2.904	-1.361
Nb	-1.643	0.943	-0.241	1.641	0.930	0.261
Nb	1.643	0.943	-0.241	-1.641	0.930	0.261
Nb	2.482	-1.427	1.404	-2.508	-1.435	-1.407
Nb	-2.482	-1.427	1.404	2.508	-1.435	-1.407
Nb	-1.500	-0.905	-2.592	1.545	-0.936	2.604
Nb	0.000	1.731	-2.592	0.000	1.697	2.604
Nb	1.500	-0.905	-2.592	-1.545	-0.936	2.604
C	0.000	-2.331	-2.457	0.000	-2.295	2.449
C	-1.968	1.110	-2.459	1.971	1.103	2.424
C	1.968	1.110	-2.459	-1.971	1.103	2.424
C	2.146	-1.261	-0.612	-2.166	-1.253	0.611
C	-2.146	-1.261	-0.612	2.166	-1.253	0.611
C	1.700	1.792	1.919	-1.683	1.773	-1.925
C	-1.700	1.792	1.919	1.683	1.773	-1.925
C	2.375	0.591	1.945	-2.347	0.577	-1.955
C	-2.375	0.591	1.945	2.347	0.577	-1.955
C	0.686	-2.301	1.996	-0.684	-2.269	-1.969
C	-0.686	-2.301	1.996	0.684	-2.269	-1.969
C	0.000	2.497	-0.643	0.000	2.490	0.637

10/12D						
Nb	-1.608	-0.936	1.816	-1.527	-0.882	1.845
Nb	-1.624	0.824	-0.488	-1.569	0.745	-0.504
Nb	0.057	-1.635	-0.482	0.002	-1.750	-0.464
Nb	1.513	0.860	-0.499	1.504	0.843	-0.476
Nb	1.425	0.274	-3.433	1.458	0.241	-3.466
Nb	0.099	-0.014	3.887	0.089	0.059	3.941
Nb	-0.819	-1.555	-3.314	-0.826	-1.593	-3.388
Nb	-0.876	1.252	-3.363	-0.836	1.212	-3.451
Nb	1.750	-0.936	1.816	1.631	-0.882	1.845
Nb	0.037	1.748	1.738	0.061	1.870	1.741
C	1.117	-1.739	-2.493	1.047	-1.732	-2.508
C	1.900	-0.980	-1.614	1.798	-0.995	-1.585
C	-2.093	1.191	1.695	-2.001	1.248	1.660
C	0.076	-2.361	1.612	0.042	-2.389	1.713
C	-1.860	-1.202	-1.383	-1.832	-1.253	-1.457
C	-2.238	-0.234	-2.351	-2.198	-0.263	-2.414
C	2.197	1.184	1.607	2.170	1.228	1.616
C	0.881	2.050	-2.297	0.881	2.000	-2.309
C	-0.147	2.184	-1.351	-0.137	2.115	-1.340
C	1.760	1.005	2.939	1.758	1.040	2.950
C	0.072	-1.934	2.950	0.061	-1.895	3.047
C	-1.620	0.955	3.007	-1.577	1.033	3.003

10/12E						
Nb	1.174	2.186	1.063	-1.175	-2.209	1.071
Nb	1.274	-0.513	2.390	-1.276	0.560	2.444
Nb	-1.274	0.513	2.390	1.276	-0.560	2.444
Nb	-1.174	-2.186	1.063	1.175	2.209	1.071
Nb	1.174	-2.186	-1.063	-1.175	2.209	-1.071

Nb	-1.174	2.186	-1.063	1.175	-2.209	-1.071
Nb	1.274	0.513	-2.390	-1.276	-0.560	-2.444
Nb	2.962	0.000	0.000	-2.954	0.000	0.000
Nb	-1.274	-0.513	-2.390	1.276	0.560	-2.444
Nb	-2.962	0.000	0.000	2.954	0.000	0.000
C	2.176	1.859	-0.884	-2.162	-1.857	-0.879
C	2.176	-1.859	0.884	-2.162	1.857	0.879
C	-2.541	-1.015	1.975	2.487	0.975	1.966
C	0.972	-2.440	1.215	-0.960	2.437	1.221
C	-0.972	-2.440	-1.215	0.960	2.437	-1.221
C	-0.972	2.440	1.215	0.960	-2.437	1.221
C	0.972	2.440	-1.215	-0.960	-2.437	-1.221
C	-2.541	1.015	-1.975	2.487	-0.975	-1.966
C	-2.176	-1.859	-0.884	2.162	1.857	-0.879
C	2.541	-1.015	-1.975	-2.487	0.975	-1.966
C	2.541	1.015	1.975	-2.487	-0.975	1.966
C	-2.175	1.859	0.884	2.162	-1.857	0.879

10/12F

Nb	-2.078	-2.061	-1.743	-2.921	0.000	-1.804
Nb	-2.032	2.093	-1.771	0.000	2.921	-1.804
Nb	-2.317	0.050	0.561	-1.516	1.516	0.450
Nb	0.033	2.271	0.521	1.516	1.516	0.450
Nb	2.096	2.059	-1.753	2.921	0.000	-1.804
Nb	-0.011	-2.271	0.550	-1.516	-1.516	0.450
Nb	2.070	-2.086	-1.729	0.000	-2.921	-1.804
Nb	0.003	-0.008	-1.420	0.000	0.000	-1.475
Nb	2.305	0.001	0.524	1.516	-1.516	0.450
Nb	-0.014	-0.008	2.564	0.000	0.000	4.050
C	2.087	-0.025	2.592	0.857	-0.857	2.423
C	-2.151	-0.024	2.592	-0.857	0.857	2.423
C	-2.182	2.250	0.177	0.000	3.103	0.150
C	0.035	2.261	-1.879	1.568	1.568	-1.863
C	2.238	2.204	0.196	3.103	0.000	0.150
C	-2.216	-2.175	0.209	-3.103	0.000	0.150
C	-0.004	-2.272	-1.856	-1.568	-1.568	-1.863
C	2.204	-2.217	0.221	0.000	-3.103	0.150
C	-0.020	2.094	2.583	0.857	0.857	2.423
C	2.283	-0.018	-1.860	1.568	-1.568	-1.863
C	-2.251	0.015	-1.885	-1.568	1.568	-1.863
C	-0.075	-2.132	2.605	-0.857	-0.857	2.423

10/16A

Nb	0.000	0.000	2.162	0.000	0.000	2.216
Nb	0.000	0.000	-0.723	0.000	0.000	-0.797
Nb	-2.465	-2.097	-1.077	-2.471	-2.112	-1.077
Nb	2.465	2.097	-1.077	2.471	2.112	-1.077
Nb	-2.465	2.097	-1.077	-2.471	2.112	-1.077
Nb	2.465	-2.097	-1.077	2.471	-2.112	-1.077
Nb	-2.605	0.000	0.868	-2.555	0.000	0.845
Nb	0.000	-2.546	0.513	0.000	-2.532	0.504
Nb	0.000	2.546	0.513	0.000	2.532	0.504
Nb	2.605	0.000	0.868	2.555	0.000	0.845
C	-2.070	0.000	-1.465	-2.104	0.000	-1.429
C	0.666	-3.013	-1.637	0.666	-2.997	-1.639
C	0.666	3.013	-1.637	0.666	2.997	-1.639
C	2.070	0.000	-1.465	2.104	0.000	-1.429
C	-2.254	-2.261	0.995	-2.241	-2.261	0.998
C	2.254	2.261	0.995	2.241	2.261	0.998
C	-2.254	2.261	0.995	-2.241	2.261	0.998
C	2.254	-2.261	0.995	2.241	-2.261	0.998
C	1.550	-1.648	1.989	1.538	-1.655	1.989
C	-1.550	1.648	1.989	-1.538	1.655	1.989
C	1.550	1.648	1.989	1.538	1.655	1.989
C	-1.550	-1.648	1.989	-1.538	-1.655	1.989
C	-3.456	0.000	-1.175	-3.486	0.000	-1.173
C	-0.666	-3.013	-1.637	-0.666	-2.997	-1.639
C	-0.666	3.013	-1.637	-0.666	2.997	-1.639
C	3.456	0.000	-1.175	3.486	0.000	-1.173

10/16B

Nb	0.000	0.000	-2.661	0.000	0.000	-2.637
Nb	0.000	0.000	2.628	0.000	0.000	2.642
Nb	1.919	-1.871	1.023	1.918	-1.880	1.021
Nb	-1.919	1.871	1.023	-1.918	1.880	1.021
Nb	1.919	1.871	1.023	1.918	1.880	1.021
Nb	-1.919	-1.871	1.023	-1.918	-1.880	1.021
Nb	2.634	0.000	-1.116	2.666	0.000	-1.144
Nb	0.000	-2.779	-0.948	0.000	-2.771	-0.939

Nb	0.000	2.779	-0.948	0.000	2.771	-0.939
Nb	-2.634	0.000	-1.116	-2.666	0.000	-1.144
C	2.181	0.000	2.147	2.141	0.000	2.099
C	0.000	-2.218	2.222	0.000	-2.241	2.241
C	0.000	2.218	2.222	0.000	2.241	2.241
C	-2.181	0.000	2.147	-2.141	0.000	2.099
C	2.106	-2.215	-1.111	2.120	-2.227	-1.110
C	-2.106	2.215	-1.111	-2.120	2.227	-1.110
C	2.106	2.215	-1.111	2.120	2.227	-1.110
C	-2.106	-2.215	-1.111	-2.120	-2.227	-1.110
C	-1.516	-1.556	-2.167	-1.515	-1.551	-2.142
C	1.516	1.556	-2.167	1.515	1.551	-2.142
C	-1.516	1.556	-2.167	-1.515	1.551	-2.142
C	1.516	-1.556	-2.167	1.515	-1.551	-2.142
C	3.028	0.000	1.022	2.999	0.000	0.979
C	0.000	-3.103	1.201	0.000	-3.117	1.224
C	0.000	3.103	1.201	0.000	3.117	1.224
C	-3.028	0.000	1.022	-2.999	0.000	0.979
C						

11/13A

Nb	-2.297	0.000	-2.363	-2.396	0.041	-2.284
Nb	1.148	-1.989	-2.363	1.079	-1.960	-2.438
Nb	1.148	1.989	-2.363	1.069	2.022	-2.398
Nb	1.452	2.516	1.632	1.527	2.482	1.633
Nb	1.452	-2.516	1.632	1.507	-2.522	1.602
Nb	-2.905	0.000	1.632	-2.876	-0.027	1.747
Nb	0.000	0.000	-3.938	-0.108	0.022	-3.931
Nb	-0.970	-1.679	-0.192	-1.016	-1.691	-0.205
Nb	-0.970	1.679	-0.192	-0.997	1.702	-0.128
Nb	1.939	0.000	-0.192	1.950	0.026	-0.240
Nb	0.000	0.000	2.341	0.073	-0.050	2.323
C	0.000	0.000	0.329	-0.004	-0.005	0.286
C	2.276	0.688	2.127	2.371	0.654	2.054
C	2.276	-0.688	2.127	2.371	-0.716	2.054
C	-2.697	0.000	-0.347	-2.722	0.004	-0.254
C	-0.879	-1.522	-2.561	-0.955	-1.455	-2.516
C	1.348	2.336	-0.347	1.346	2.331	-0.370
C	-0.542	-2.315	2.127	-0.479	-2.336	2.097
C	-1.734	-1.627	2.127	-1.672	-1.644	2.130
C	-0.879	1.522	-2.561	-0.939	1.517	-2.489
C	-0.542	2.315	2.127	-0.465	2.271	2.136
C	1.348	-2.336	-0.347	1.327	-2.296	-0.402
C	-1.734	1.627	2.127	-1.666	1.590	2.197
C	1.757	0.000	-2.561	1.675	0.040	-2.603

11/15A

Nb	0.000	2.132	-1.846	0.000	2.135	-1.836
Nb	1.948	0.000	-1.122	1.948	0.000	-1.112
Nb	-1.948	0.000	-1.122	-1.948	0.000	-1.112
Nb	0.000	0.000	2.314	0.000	0.000	2.290
Nb	-1.487	-2.139	0.882	-1.501	-2.147	0.884
Nb	0.000	4.402	0.006	0.000	4.430	0.004
Nb	0.000	-2.132	-1.846	0.000	-2.135	-1.836
Nb	1.487	-2.139	0.882	1.501	-2.147	0.884
Nb	-1.487	2.139	0.882	-1.501	2.147	0.884
Nb	1.487	2.139	0.882	1.501	2.147	0.884
Nb	0.000	-4.402	0.006	0.000	-4.430	0.004
C	0.000	-3.485	1.927	0.000	-3.495	1.902
C	0.000	3.485	1.927	0.000	3.495	1.902
C	-1.627	3.464	-0.956	-1.619	3.477	-0.950
C	-1.627	-3.464	-0.956	-1.619	-3.477	-0.950
C	1.627	-3.464	-0.956	1.619	-3.477	-0.950
C	1.627	3.464	-0.956	1.619	3.477	-0.950
C	-2.177	-2.206	-1.273	-2.160	-2.217	-1.254
C	-1.648	0.000	0.981	-1.664	0.000	0.982
C	2.177	2.206	-1.273	2.160	2.217	-1.254
C	-2.177	2.206	-1.273	-2.160	2.217	-1.254
C	0.000	0.000	-1.962	0.000	0.000	-1.950
C	2.177	-2.206	-1.273	2.160	-2.217	-1.254
C	0.000	2.232	2.571	0.000	2.238	2.531
C	0.000	-2.232	2.571	0.000	-2.238	2.531
C	1.648	0.000	0.981	1.664	0.000	0.982

11/15B

Nb	-2.017	2.488	1.450	-2.019	2.476	1.452
Nb	-2.017	-2.488	1.450	-2.019	-2.476	1.452
Nb	-1.937	0.000	-2.818	-1.943	0.000	-2.821
Nb	1.937	0.000	-2.818	1.943	0.000	-2.821
Nb	2.017	-2.488	1.450	2.019	-2.476	1.452

Nb	2.017	2.488	1.450	2.019	2.476	1.452
Nb	-2.752	0.000	-0.040	-2.775	0.000	-0.035
Nb	0.000	0.000	1.419	0.000	0.000	1.419
Nb	0.000	-1.655	-0.763	0.000	-1.640	-0.783
Nb	2.752	0.000	-0.040	2.775	0.000	-0.035
Nb	0.000	1.655	-0.763	0.000	1.640	-0.783
C	2.432	-1.644	-1.734	2.432	-1.627	-1.724
C	2.356	-2.297	-0.543	2.358	-2.286	-0.535
C	0.000	2.373	1.462	0.000	2.340	1.433
C	-2.602	0.686	2.157	-2.604	0.685	2.161
C	0.000	0.000	-2.416	0.000	0.000	-2.420
C	2.602	-0.686	2.157	2.604	-0.685	2.161
C	2.602	0.686	2.157	2.604	0.685	2.161
C	-2.432	1.644	-1.734	-2.432	1.627	-1.724
C	2.432	1.644	-1.734	2.432	1.627	-1.724
C	0.000	-2.373	1.462	0.000	-2.340	1.433
C	2.356	2.297	-0.543	2.358	2.286	-0.535
C	-2.432	-1.644	-1.734	-2.432	-1.627	-1.724
C	-2.356	2.297	-0.543	-2.358	2.286	-0.535
C	-2.602	-0.686	2.157	-2.604	-0.685	2.161
C	-2.356	-2.297	-0.543	-2.358	-2.286	-0.535

11/15C

Nb	1.439	2.000	-2.513	1.438	2.013	-2.502
Nb	1.439	2.000	2.513	1.438	2.013	2.502
Nb	-2.795	2.008	0.000	-2.818	2.012	0.000
Nb	0.016	3.011	0.000	0.006	2.994	0.000
Nb	1.573	0.263	0.000	1.649	0.272	0.000
Nb	-0.907	0.203	1.613	-0.898	0.215	1.612
Nb	-0.907	0.203	-1.613	-0.898	0.215	-1.612
Nb	-2.036	-2.012	0.000	-2.021	-2.011	0.000
Nb	0.030	-4.054	0.000	0.009	-4.064	0.000
Nb	1.019	-2.000	-1.751	1.013	-2.011	-1.748
Nb	1.019	-2.000	1.751	1.013	-2.011	1.748
C	-1.208	-1.909	2.073	-1.201	-1.901	2.073
C	-1.208	-1.909	-2.073	-1.201	-1.901	-2.073
C	2.385	-1.834	0.000	2.379	-1.856	0.000
C	1.959	-3.158	0.000	1.948	-3.173	0.000
C	-0.969	-3.212	-1.672	-0.975	-3.205	-1.683
C	-0.969	-3.212	1.672	-0.975	-3.205	1.683
C	1.258	0.033	-2.294	1.253	0.040	-2.238
C	2.197	2.576	-0.680	2.197	2.584	-0.679
C	-2.521	0.036	0.000	-2.492	0.043	0.000
C	-1.644	2.580	-1.585	-1.658	2.570	-1.577
C	1.258	0.033	2.294	1.253	0.040	2.238
C	-1.644	2.580	1.585	-1.658	2.570	1.577
C	-0.490	2.599	-2.307	-0.498	2.587	-2.284
C	2.197	2.576	0.680	2.197	2.584	0.679
C	-0.490	2.599	2.307	-0.498	2.587	2.284

12/12A

Nb	-3.023	1.407	0.000	-3.071	1.406	0.000
Nb	-3.263	-0.703	-2.107	-3.282	-0.699	-2.115
Nb	-3.263	-0.703	2.107	-3.282	-0.699	2.115
Nb	-0.970	1.223	2.070	-0.980	1.217	2.097
Nb	-0.970	1.223	-2.070	-0.980	1.217	-2.097
Nb	-1.102	-0.967	0.000	-1.122	-0.890	0.000
Nb	1.102	0.967	0.000	1.122	0.890	0.000
Nb	0.970	-1.223	-2.070	0.980	-1.217	-2.097
Nb	0.970	-1.223	2.070	0.980	-1.217	2.097
Nb	3.263	0.703	2.107	3.282	0.699	2.115
Nb	3.263	0.703	-2.107	3.282	0.699	-2.115
Nb	3.023	-1.407	0.000	3.071	-1.406	0.000
C	3.153	-1.279	2.192	3.157	-1.279	2.190
C	-3.153	1.279	2.192	-3.157	1.279	2.190
C	-3.153	1.279	-2.192	-3.157	1.279	-2.190
C	-3.394	-0.749	0.000	-3.414	-0.724	0.000
C	-0.917	1.819	0.000	-0.948	1.657	0.000
C	-1.248	-0.928	-2.309	-1.256	-0.906	-2.317
C	-1.248	-0.928	2.309	-1.256	-0.906	2.317
C	1.248	0.928	2.309	1.256	0.906	2.317
C	1.248	0.928	-2.309	1.256	0.906	-2.317
C	3.394	0.749	0.000	0.948	-1.657	0.000
C	0.917	-1.819	0.000	3.414	0.724	0.000
C	3.153	-1.279	-2.192	3.157	-1.279	-2.190

12/12B

Nb	3.053	0.130	0.000	1.643	0.949	2.447
Nb	0.000	-0.000	-2.910	1.448	-2.508	0.000
Nb	0.000	0.000	2.910	-1.448	2.508	0.000

Nb	-3.053	-0.130	0.000	-1.643	-0.949	-2.447
Nb	1.472	2.081	-1.477	2.896	0.000	0.000
Nb	1.436	-2.169	-1.607	0.000	-1.897	2.447
Nb	-1.472	-2.081	1.477	-2.896	0.000	0.000
Nb	-1.436	2.169	1.607	0.000	1.897	-2.447
Nb	1.472	2.081	1.477	1.448	2.508	0.000
Nb	1.436	-2.169	1.607	-1.643	0.949	2.447
Nb	-1.472	-2.081	-1.477	-1.448	-2.508	0.000
Nb	-1.436	2.169	-1.607	1.643	-0.949	-2.447
C	1.748	-0.037	-1.700	1.690	-0.976	1.486
C	-1.748	0.037	1.700	-1.690	0.976	-1.486
C	1.748	-0.037	1.700	0.000	1.951	1.486
C	-1.748	0.037	-1.700	0.000	-1.951	-1.486
C	-0.042	2.428	0.000	1.690	0.976	-1.486
C	0.042	-2.428	0.000	-1.690	-0.976	1.486
C	3.120	2.108	0.000	3.033	1.751	1.334
C	-0.077	2.210	-3.045	3.033	-1.751	-1.334
C	-0.077	2.210	3.045	0.000	3.503	-1.334
C	0.077	-2.210	-3.045	0.000	-3.503	1.334
C	0.077	-2.210	3.045	-3.033	1.751	1.334
C	-3.120	-2.108	0.000	-3.033	-1.751	-1.334

12/12C

Nb	1.790	1.033	3.244	1.799	1.038	3.254
Nb	1.674	-0.967	1.030	1.687	-0.974	1.049
Nb	-1.790	1.033	3.244	-1.799	1.038	3.254
Nb	0.000	1.933	1.030	0.000	1.947	1.049
Nb	-1.674	-0.967	1.030	-1.687	-0.974	1.049
Nb	0.000	-2.067	3.244	0.000	-2.077	3.254
Nb	1.674	0.967	-1.030	1.687	0.974	-1.049
Nb	1.790	-1.033	-3.244	1.799	-1.038	-3.254
Nb	-1.674	0.967	-1.030	-1.687	0.974	-1.049
Nb	0.000	2.067	-3.244	0.000	2.077	-3.254
Nb	-1.790	-1.033	-3.244	-1.799	-1.038	-3.254
Nb	0.000	-1.933	-1.030	0.000	-1.947	-1.049
C	1.712	-0.989	3.312	1.699	-0.981	3.294
C	0.000	1.977	3.312	0.000	1.962	3.294
C	-1.712	-0.989	3.312	-1.699	-0.981	3.294
C	0.000	-2.395	1.163	0.000	-2.368	1.171
C	2.074	1.197	1.163	2.050	1.184	1.171
C	-2.074	1.197	1.163	-2.050	1.184	1.171
C	2.074	-1.197	-1.163	2.050	-1.184	-1.171
C	0.000	2.395	-1.163	0.000	2.368	-1.171
C	-2.074	-1.197	-1.163	-2.050	-1.184	-1.171
C	0.000	-1.977	-3.312	0.000	-1.962	-3.294
C	1.712	0.989	-3.312	1.699	0.981	-3.294
C	-1.712	0.989	-3.312	-1.699	0.981	-3.294

12/12D

Nb	1.732	-0.010	-2.186	-2.221	1.795	0.000
Nb	-1.732	-0.010	2.186	2.221	-1.795	0.000
Nb	-1.732	0.010	-2.186	-2.221	-1.795	0.000
Nb	1.732	0.010	2.186	2.221	1.795	0.000
Nb	0.002	2.187	1.733	1.795	0.000	2.221
Nb	-0.002	2.187	-1.733	-1.795	0.000	2.221
Nb	-0.002	-2.187	1.733	1.795	0.000	-2.221
Nb	0.002	-2.187	-1.733	-1.795	0.000	-2.221
Nb	-2.188	1.733	0.012	0.000	-2.221	1.795
Nb	2.188	1.733	-0.012	0.000	2.221	1.795
Nb	2.188	-1.733	0.012	0.000	2.221	-1.795
Nb	-2.188	-1.733	-0.012	0.000	-2.221	-1.795
C	0.004	-0.684	3.443	3.360	0.000	-0.691
C	-0.004	-0.684	-3.443	-3.360	0.000	-0.691
C	-0.004	0.684	3.443	3.360	0.000	0.691
C	0.004	0.684	-3.443	-3.360	0.000	0.691
C	3.444	0.007	0.684	0.691	3.360	0.000
C	-3.444	0.007	-0.684	-0.691	-3.360	0.000
C	-3.444	-0.007	0.684	0.691	-3.360	0.000
C	3.444	-0.007	-0.684	-0.691	3.360	0.000
C	0.684	-3.445	0.002	0.000	0.691	-3.360
C	-0.684	-3.445	-0.002	0.000	-0.691	-3.360
C	-0.684	3.445	0.002	0.000	-0.691	3.360
C	0.684	3.445	-0.002	0.000	0.691	3.360

12/14A

Nb	2.120	-0.002	2.119	2.124	0.000	2.124
Nb	-2.120	0.002	2.119	-2.124	0.000	2.124
Nb	2.120	0.002	-2.119	2.124	0.000	-2.124
Nb	-2.120	-0.002	-2.119	-2.124	0.000	-2.124
Nb	0.000	-2.120	2.119	0.000	-2.124	2.124

Nb	0.000	2.120	2.119	0.000	2.124	2.124
Nb	0.000	2.120	-2.119	0.000	2.124	-2.124
Nb	0.000	-2.120	-2.119	0.000	-2.124	-2.124
Nb	2.119	-2.119	-0.001	2.124	-2.124	0.000
Nb	2.119	2.119	0.001	2.124	2.124	0.000
Nb	-2.119	2.119	-0.001	-2.124	2.124	0.000
Nb	-2.119	-2.119	0.001	-2.124	-2.124	0.000
C	0.000	0.000	2.414	0.000	0.000	2.405
C	0.000	0.000	-2.414	0.000	0.000	-2.405
C	2.414	0.000	0.000	2.405	0.000	0.000
C	-2.414	0.000	0.000	-2.405	0.000	0.000
C	0.000	-2.415	0.000	0.000	-2.405	0.000
C	0.000	2.415	0.000	0.000	2.405	0.000
C	2.158	-2.160	2.157	2.151	-2.151	2.151
C	2.158	2.154	2.160	2.151	2.151	2.151
C	-2.158	-2.154	2.160	-2.151	-2.151	2.151
C	2.158	-2.154	-2.160	2.151	-2.151	-2.151
C	-2.158	2.160	2.157	-2.151	2.151	2.151
C	-2.158	-2.160	-2.157	-2.151	-2.151	-2.151
C	2.158	2.160	-2.157	2.151	2.151	-2.151
C	-2.158	2.154	-2.160	-2.151	2.151	-2.151

12/14B

Nb	-0.609	-2.791	0.134	-0.578	-2.845	0.134
Nb	1.812	-0.120	-2.568	1.836	-0.147	-2.612
Nb	-1.812	0.120	2.568	-1.836	0.147	2.612
Nb	0.609	2.791	-0.134	0.578	2.845	-0.134
Nb	2.036	-1.896	-0.150	2.037	-1.897	-0.145
Nb	-0.963	-1.517	-2.542	-0.976	-1.518	-2.541
Nb	-2.036	1.896	0.150	-2.037	1.897	0.145
Nb	0.963	1.517	2.542	0.976	1.518	2.541
Nb	0.837	-1.597	2.519	0.840	-1.622	2.550
Nb	-0.837	1.597	-2.519	-0.840	1.622	-2.550
Nb	-2.608	-0.790	-0.165	-2.612	-0.796	-0.186
Nb	2.608	0.790	0.165	2.612	0.796	0.186
C	1.467	-2.199	-2.323	1.469	-2.200	-2.328
C	-0.595	2.975	1.605	-0.598	2.980	1.613
C	-2.234	-1.956	1.577	-2.188	-1.906	1.546
C	1.156	2.340	-2.314	1.126	2.315	-2.297
C	2.606	0.146	2.349	2.602	0.129	2.350
C	-2.869	0.977	-1.617	-2.873	0.990	-1.615
C	0.013	-0.001	-3.444	0.021	-0.005	-3.420
C	-0.013	0.001	3.444	-0.021	0.005	3.420
C	2.869	-0.977	1.617	2.873	-0.990	1.615
C	-2.606	-0.146	-2.349	-2.602	-0.129	-2.350
C	2.234	1.956	-1.577	2.188	1.906	-1.546
C	-1.467	2.199	2.323	-1.469	2.200	2.328
C	0.595	-2.975	-1.605	0.598	-2.980	-1.613
C	-1.156	-2.340	2.314	-1.126	-2.315	2.297

12/15A

Nb	-1.936	-2.553	1.341	-1.957	-2.551	1.326
Nb	-1.987	0.000	-2.924	-1.983	0.000	-2.940
Nb	-1.936	2.553	1.341	-1.957	2.551	1.326
Nb	1.936	2.553	1.341	1.957	2.551	1.326
Nb	1.987	0.000	-2.924	1.983	0.000	-2.940
Nb	1.936	-2.553	1.341	1.957	-2.551	1.326
Nb	-2.525	0.000	-0.061	-2.516	0.000	-0.046
Nb	0.000	-1.783	-1.166	0.000	-1.734	-1.158
Nb	0.000	0.000	3.385	0.000	0.000	3.399
Nb	0.000	1.783	-1.166	0.000	1.734	-1.158
Nb	2.525	0.000	-0.061	2.516	0.000	-0.046
Nb	0.000	0.000	0.877	0.000	0.000	0.953
C	2.545	2.332	-0.598	2.515	2.323	-0.614
C	2.431	1.644	-1.768	2.401	1.637	-1.783
C	0.000	-2.702	0.943	0.000	-2.649	0.980
C	-2.545	-2.332	-0.598	-2.515	-2.323	-0.614
C	0.000	2.702	0.943	0.000	2.649	0.980
C	2.431	-1.644	-1.768	2.401	-1.637	-1.783
C	2.545	-2.332	-0.598	2.515	-2.323	-0.614
C	-1.998	0.696	2.263	-2.034	0.694	2.267
C	1.998	0.696	2.263	2.034	0.694	2.267
C	0.000	0.000	-2.801	0.000	0.000	-2.812
C	1.998	-0.696	2.263	2.034	-0.694	2.267
C	-2.545	2.332	-0.598	-2.515	2.323	-0.614
C	-1.998	-0.696	2.263	-2.034	-0.694	2.267
C	-2.431	-1.644	-1.768	-2.401	-1.637	-1.783
C	-2.431	1.644	-1.768	-2.401	1.637	-1.783

12/15B

Nb	-1.048	-2.766	0.322	-1.039	-2.846	0.305
Nb	1.742	-0.386	-2.400	1.718	-0.406	-2.418
Nb	-1.621	0.304	2.452	-1.627	0.314	2.435
Nb	0.997	3.054	-0.022	1.013	3.067	0.031
Nb	1.972	-2.292	-0.023	1.966	-2.292	-0.032
Nb	-1.204	-1.377	-2.324	-1.174	-1.402	-2.339
Nb	-1.770	2.300	0.371	-1.750	2.289	0.387
Nb	0.961	1.222	2.245	0.984	1.268	2.291
Nb	0.529	-1.587	2.562	0.527	-1.581	2.505
Nb	-0.529	1.693	-2.354	-0.542	1.694	-2.365
Nb	-3.012	-0.693	-0.054	-3.067	-0.660	-0.039
Nb	2.986	0.458	0.326	2.931	0.479	0.328
C	0.919	-2.311	-2.280	0.925	-2.341	-2.273
C	-0.103	3.165	1.824	-0.128	3.201	1.866
C	-2.647	-1.664	1.787	-2.666	-1.641	1.785
C	1.558	1.926	-2.210	1.558	1.941	-2.255
C	2.415	-0.299	2.437	2.427	-0.296	2.431
C	-2.682	1.298	-1.247	-2.650	1.274	-1.259
C	-0.648	3.309	-1.135	-0.601	3.283	-1.106
C	3.170	-0.995	-1.137	3.114	-0.989	-1.129
C	-2.548	-2.361	-1.132	-2.489	-2.294	-1.069
C	2.675	-1.456	1.754	2.699	-1.454	1.771
C	-2.395	0.333	-2.150	-2.376	0.315	-2.173
C	2.534	1.779	-1.294	2.495	1.779	-1.315
C	-0.968	2.365	2.533	-0.970	2.380	2.557
C	0.241	-3.024	-1.342	0.249	-3.087	-1.358
C	-1.526	-1.997	2.490	-1.526	-1.995	2.438

12/15C

Nb	1.471	1.449	2.284	1.454	1.476	2.442
Nb	1.471	-1.449	2.284	1.454	-1.476	2.442
Nb	1.622	-2.183	-0.605	1.520	-1.917	-0.631
Nb	1.533	0.000	-2.609	1.589	0.000	-2.837
Nb	1.622	2.183	-0.605	1.520	1.917	-0.631
Nb	-1.471	1.449	2.284	-1.454	1.476	2.442
Nb	-1.471	-1.449	2.284	-1.454	-1.476	2.442
Nb	-1.622	-2.183	-0.605	-1.520	-1.917	-0.631
Nb	-1.533	0.000	-2.609	-1.589	0.000	-2.837
Nb	-1.622	2.183	-0.605	-1.520	1.917	-0.631
Nb	-3.645	0.000	-0.770	-3.745	0.000	-0.811
Nb	3.645	0.000	-0.770	3.745	0.000	-0.811
C	0.000	-1.345	-1.728	0.000	-1.278	-1.937
C	0.000	-2.516	1.184	0.000	-2.251	1.161
C	0.000	1.345	-1.728	0.000	1.278	-1.937
C	0.000	2.516	1.184	0.000	2.251	1.161
C	0.000	0.000	2.930	0.000	0.000	3.107
C	2.920	1.567	-2.092	2.968	1.414	-2.082
C	2.920	-1.567	-2.092	2.968	-1.414	-2.082
C	3.060	-1.306	0.885	2.993	-1.314	0.963
C	3.039	0.000	1.514	2.935	0.000	1.488
C	3.060	1.306	0.885	2.993	1.314	0.963
C	-3.039	0.000	1.514	-2.935	0.000	1.488
C	-3.060	-1.306	0.885	-2.993	-1.314	0.963
C	-2.920	-1.567	-2.092	-2.968	-1.414	-2.082
C	-2.920	1.567	-2.092	-2.968	1.414	-2.082
C	-3.060	1.306	0.885	-2.993	1.314	0.963

12/15D

Nb	2.050	-2.050	0.000	-3.002	0.000	0.000
Nb	2.050	2.050	0.000	0.000	-3.002	0.000
Nb	-2.050	-2.050	0.000	0.000	3.002	0.000
Nb	-2.050	2.050	0.000	3.002	0.000	0.000
Nb	2.050	0.000	2.050	-1.479	-1.479	2.170
Nb	2.050	0.000	-2.050	-1.479	-1.479	-2.170
Nb	-2.050	0.000	-2.050	1.479	1.479	-2.170
Nb	-2.050	0.000	2.050	1.479	1.479	2.170
Nb	0.000	-2.050	2.050	-1.479	1.479	2.170
Nb	0.000	2.050	-2.050	1.479	-1.479	-2.170
Nb	0.000	-2.050	-2.050	-1.479	1.479	-2.170
Nb	0.000	2.050	2.050	1.479	-1.479	2.170
C	2.550	0.000	0.000	-1.707	-1.707	0.000
C	-2.550	0.000	0.000	1.707	1.707	0.000
C	0.000	-2.600	0.000	-1.707	1.707	0.000
C	0.000	2.600	0.000	1.707	-1.707	0.000
C	0.000	0.000	2.650	0.000	0.000	2.732
C	0.000	0.000	-2.650	0.000	0.000	-2.732
C	2.098	-2.098	2.098	-3.062	0.000	2.132
C	2.098	2.098	-2.098	0.000	-3.062	-2.132
C	-2.098	-2.098	-2.098	0.000	3.062	-2.132
C	-2.098	2.098	2.098	3.062	0.000	2.132

C	-2.098	2.098	-2.098	3.062	0.000	-2.132
C	-2.098	-2.098	2.098	0.000	3.062	2.132
C	2.098	2.098	2.098	0.000	-3.062	2.132
C	2.098	-2.098	-2.098	-3.062	0.000	-2.132
C	0.000	0.000	0.000	0.000	0.000	0.000

12/20A

Nb	-2.180	0.077	2.286	-2.129	0.051	2.338
Nb	-2.180	-0.077	-2.286	-2.129	-0.051	-2.338
Nb	2.180	0.077	2.286	2.129	-0.051	2.338
Nb	2.180	0.077	-2.286	2.129	0.051	-2.338
Nb	-2.277	-2.171	0.056	-2.278	-2.220	-0.020
Nb	-2.277	2.171	-0.056	-2.278	2.220	0.020
Nb	2.277	-2.171	0.056	2.278	2.220	-0.020
Nb	2.277	-2.171	-0.056	2.278	-2.220	0.020
Nb	-0.026	-2.279	2.155	-0.018	-2.239	2.125
Nb	-0.026	2.279	-2.155	-0.018	2.239	-2.125
Nb	0.026	2.279	2.155	0.018	2.239	2.125
Nb	0.026	-2.279	-2.155	0.018	-2.239	-2.125
C	-3.500	-0.031	-0.656	-3.553	-0.022	-0.652
C	3.500	0.031	-0.656	3.553	0.022	-0.652
C	0.043	0.656	3.499	0.038	0.660	3.546
C	-0.043	0.656	-3.499	-0.038	0.660	-3.546
C	0.658	-3.498	0.007	0.659	-3.569	0.031
C	0.658	3.498	-0.007	0.659	3.569	-0.031
C	-2.124	-2.161	2.089	-2.108	-2.105	2.016
C	-2.124	2.161	-2.089	-2.108	2.105	-2.016
C	2.124	2.161	2.089	2.108	2.105	2.016
C	2.124	-2.161	-2.089	2.108	-2.105	-2.016
C	2.117	2.089	-2.167	2.143	2.071	-2.152
C	2.117	-2.089	2.167	2.143	-2.071	2.152
C	-2.117	-2.089	-2.167	-2.143	-2.071	-2.152
C	-2.117	2.089	2.167	-2.143	2.071	2.152
C	-0.658	-3.498	-0.007	-0.659	-3.569	-0.031
C	-0.658	3.498	0.007	-0.659	3.569	0.031
C	0.043	-0.656	-3.499	0.038	-0.660	-3.546
C	3.500	-0.031	0.656	3.553	-0.022	0.652
C	-3.500	0.031	0.656	-3.553	0.022	0.652
C	-0.043	-0.656	3.499	-0.038	-0.660	3.546

13/14A

Nb	0.000	0.000	0.000	0.000	0.000	0.000
Nb	-2.134	-2.134	0.000	2.149	-0.001	2.135
Nb	-2.134	2.134	0.000	-2.149	0.001	2.135
Nb	2.134	-2.134	0.000	2.149	0.001	-2.135
Nb	2.134	2.134	0.000	-2.149	-0.001	-2.135
Nb	-2.134	0.000	-2.134	0.000	-2.149	2.135
Nb	-2.134	0.000	2.134	0.000	2.149	2.135
Nb	2.134	0.000	2.134	0.000	2.149	-2.135
Nb	2.134	0.000	-2.134	0.000	-2.149	-2.135
Nb	0.000	-2.134	-2.134	2.151	-2.150	0.000
Nb	0.000	2.134	2.134	-2.151	2.150	0.000
Nb	0.000	-2.134	2.134	2.151	2.150	0.000
Nb	0.000	2.134	-2.134	-2.151	-2.150	0.000
C	-2.427	0.000	0.000	0.000	0.000	2.408
C	2.427	0.000	0.000	0.000	0.000	-2.408
C	0.000	-2.427	0.000	2.422	0.000	0.000
C	0.000	2.427	0.000	-2.422	0.000	0.000
C	0.000	0.000	-2.427	0.000	-2.422	0.000
C	0.000	0.000	2.427	0.000	2.422	0.000
C	-2.178	-2.178	-2.178	2.170	-2.173	2.170
C	-2.178	2.178	2.178	-2.170	2.173	2.170
C	2.178	-2.178	2.178	2.170	2.173	-2.170
C	2.178	2.178	-2.178	-2.170	-2.173	-2.170
C	2.178	2.178	2.178	-2.172	2.170	-2.172
C	2.178	-2.178	-2.178	2.172	-2.170	-2.172
C	-2.178	2.178	-2.178	-2.172	-2.170	2.172
C	-2.178	-2.178	2.178	2.172	2.170	2.172

14/12A

Nb	2.103	0.000	0.000	2.113	0.000	0.000
Nb	-2.103	0.000	0.000	-2.113	0.000	0.000
Nb	0.000	-2.103	0.000	0.000	-2.113	0.000
Nb	0.000	2.103	0.000	0.000	2.113	0.000
Nb	0.000	0.000	2.102	0.000	0.000	2.114
Nb	0.000	0.000	-2.102	0.000	0.000	-2.114
Nb	2.072	-2.072	2.073	2.072	-2.072	2.073
Nb	2.072	2.072	-2.073	2.072	2.072	-2.073
Nb	-2.072	-2.072	-2.073	-2.072	-2.072	-2.073
Nb	-2.072	2.072	2.073	-2.072	2.072	2.073

Nb	-2.072	2.072	-2.073	-2.072	2.072	-2.073
Nb	-2.072	-2.072	2.073	-2.072	-2.072	2.073
Nb	2.072	2.072	2.073	2.072	2.072	2.073
Nb	2.072	-2.072	-2.073	2.072	-2.072	-2.073
C	2.289	-2.288	0.000	2.278	-2.278	0.000
C	2.289	2.288	0.000	2.278	2.278	0.000
C	-2.289	-2.288	0.000	-2.278	-2.278	0.000
C	-2.289	2.288	0.000	-2.278	2.278	0.000
C	2.288	0.000	2.289	2.279	0.000	2.279
C	2.288	0.000	-2.289	2.279	0.000	-2.279
C	-2.288	0.000	-2.289	-2.279	0.000	-2.279
C	-2.288	0.000	2.289	-2.279	0.000	2.279
C	0.000	-2.288	2.290	0.000	-2.279	2.279
C	0.000	2.288	-2.290	0.000	2.279	-2.279
C	0.000	-2.288	-2.290	0.000	-2.279	-2.279
C	0.000	2.288	2.290	0.000	2.279	2.279

14/13A

Nb	0.000	0.000	2.123	0.000	0.000	2.134
Nb	0.000	0.000	-2.123	0.000	0.000	-2.134
Nb	2.123	0.000	0.000	2.134	0.000	0.000
Nb	-2.123	0.000	0.000	-2.134	0.000	0.000
Nb	0.000	-2.123	0.000	0.000	-2.134	0.000
Nb	0.000	2.123	0.000	0.000	2.134	0.000
Nb	2.107	-2.106	2.107	2.106	-2.106	2.106
Nb	-2.107	2.106	2.107	-2.106	2.106	2.106
Nb	2.107	2.106	-2.107	2.106	2.106	-2.106
Nb	-2.107	-2.106	-2.107	-2.106	-2.106	-2.106
Nb	-2.107	2.107	-2.107	-2.106	2.106	-2.106
Nb	2.107	-2.107	-2.107	2.106	-2.106	-2.106
Nb	-2.107	-2.107	2.107	-2.106	-2.106	2.106
Nb	2.107	2.107	2.107	2.106	2.106	2.106
C	0.000	0.000	0.000	0.000	0.000	0.000
C	2.306	0.000	2.306	2.294	0.000	2.294
C	-2.306	0.000	2.306	-2.294	0.000	2.294
C	2.306	0.000	-2.306	2.294	0.000	-2.294
C	-2.306	0.000	-2.306	-2.294	0.000	-2.294
C	0.000	-2.306	2.306	0.000	-2.294	2.294
C	0.000	2.306	2.306	0.000	2.294	2.294
C	0.000	2.306	-2.306	0.000	2.294	-2.294
C	0.000	-2.306	-2.306	0.000	-2.294	-2.294
C	2.306	-2.305	0.000	2.294	-2.294	0.000
C	-2.306	2.305	0.000	-2.294	2.294	0.000
C	2.306	2.305	0.000	2.294	2.294	0.000
C	-2.306	-2.305	0.000	-2.294	-2.294	0.000

14/14A

Nb	0.000	1.683	1.347	0.000	1.661	1.361
Nb	0.000	-1.683	-1.347	0.000	-1.661	-1.361
Nb	2.151	0.000	0.000	2.120	0.000	0.000
Nb	-2.151	0.000	0.000	-2.120	0.000	0.000
Nb	0.000	-1.683	1.347	0.000	-1.661	1.361
Nb	0.000	1.683	-1.347	0.000	1.661	-1.361
Nb	2.050	0.000	2.879	2.051	0.000	2.894
Nb	-2.564	2.902	0.000	-2.570	2.905	0.000
Nb	2.050	0.000	-2.879	2.051	0.000	-2.894
Nb	-2.564	-2.902	0.000	-2.570	-2.905	0.000
Nb	-2.050	0.000	-2.879	-2.051	0.000	-2.894
Nb	2.564	-2.902	0.000	2.570	-2.905	0.000
Nb	-2.050	0.000	2.879	-2.051	0.000	2.894
Nb	2.564	2.902	0.000	2.570	2.905	0.000
C	0.666	3.650	0.000	0.668	3.603	0.000
C	0.666	-3.650	0.000	0.668	-3.603	0.000
C	2.375	1.605	1.603	2.365	1.600	1.604
C	-2.375	1.605	1.603	-2.365	1.600	1.604
C	2.375	-1.605	-1.603	2.365	-1.600	-1.604
C	-2.375	-1.605	-1.603	-2.365	-1.600	-1.604
C	2.375	-1.605	1.603	2.365	-1.600	1.604
C	-2.375	1.605	-1.603	-2.365	1.600	-1.604
C	2.375	1.605	-1.603	2.365	1.600	-1.604
C	-2.375	-1.605	1.603	-2.365	-1.600	1.604
C	0.000	0.000	3.041	0.000	0.000	3.049
C	-0.666	3.650	0.000	-0.668	3.603	0.000
C	0.000	0.000	-3.041	0.000	0.000	-3.049
C	-0.666	-3.650	0.000	-0.668	-3.603	0.000

14/14B

Nb	2.048	0.000	-0.266	2.055	0.000	-0.250
Nb	-2.048	0.000	-0.266	-2.055	0.000	-0.250
Nb	0.000	0.000	-2.371	0.000	0.000	-2.338

Nb	0.000	0.000	2.595	0.000	0.000	2.521
Nb	0.000	-2.202	-0.210	0.000	-2.221	-0.192
Nb	0.000	2.202	-0.210	0.000	2.221	-0.192
Nb	2.066	-2.061	-2.350	2.072	-2.067	-2.342
Nb	2.053	2.052	1.803	2.050	2.062	1.817
Nb	-2.066	2.061	-2.350	-2.072	2.067	-2.342
Nb	-2.053	-2.052	1.803	-2.050	-2.062	1.817
Nb	-2.053	2.052	1.803	-2.050	2.062	1.817
Nb	-2.066	-2.061	-2.350	-2.072	-2.067	-2.342
Nb	2.053	-2.052	1.803	2.050	-2.062	1.817
Nb	2.066	2.061	-2.350	2.072	2.067	-2.342
C	0.000	-2.721	1.951	0.000	-2.814	1.920
C	0.000	2.721	1.951	0.000	2.814	1.920
C	2.270	0.000	-2.546	2.268	0.000	-2.533
C	2.208	0.000	1.966	2.212	0.000	1.972
C	-2.270	0.000	-2.546	-2.268	0.000	-2.533
C	-2.208	0.000	1.966	-2.212	0.000	1.972
C	2.290	-2.255	-0.285	2.260	-2.241	-0.278
C	2.290	2.255	-0.285	2.260	2.241	-0.278
C	-2.290	2.255	-0.285	-2.260	2.241	-0.278
C	-2.290	-2.255	-0.285	-2.260	-2.241	-0.278
C	0.000	-2.290	-2.541	0.000	-2.289	-2.507
C	0.000	2.103	3.199	0.000	2.098	3.104
C	0.000	2.290	-2.541	0.000	2.289	-2.507
C	0.000	-2.103	3.199	0.000	-2.098	3.104

14/15A

Nb	0.000	1.745	1.339	0.000	1.745	1.339
Nb	0.000	-1.745	-1.339	0.000	-1.745	-1.339
Nb	2.195	0.000	0.000	2.195	0.000	0.000
Nb	-2.195	0.000	0.000	-2.195	0.000	0.000
Nb	0.000	-1.745	1.339	0.000	-1.745	1.339
Nb	0.000	1.745	-1.339	0.000	1.745	-1.339
Nb	2.055	0.000	2.905	2.055	0.000	2.905
Nb	-2.524	2.909	0.000	-2.524	2.909	0.000
Nb	2.055	0.000	-2.905	2.055	0.000	-2.905
Nb	-2.524	-2.909	0.000	-2.524	-2.909	0.000
Nb	-2.055	0.000	-2.905	-2.055	0.000	-2.905
Nb	2.524	-2.909	0.000	2.524	-2.909	0.000
Nb	-2.055	0.000	2.905	-2.055	0.000	2.905
Nb	2.524	2.909	0.000	2.524	2.909	0.000
C	0.665	3.752	0.000	0.665	3.752	0.000
C	0.665	-3.752	0.000	0.665	-3.752	0.000
C	2.357	1.598	1.604	2.357	1.598	1.604
C	-2.357	1.598	1.604	-2.357	1.598	1.604
C	2.357	-1.598	-1.604	2.357	-1.598	-1.604
C	-2.357	-1.598	-1.604	-2.357	-1.598	-1.604
C	2.357	-1.598	1.604	2.357	-1.598	1.604
C	-2.357	1.598	-1.604	-2.357	1.598	-1.604
C	2.357	1.598	-1.604	2.357	1.598	-1.604
C	-2.357	-1.598	1.604	-2.357	-1.598	1.604
C	0.000	0.000	3.075	0.000	0.000	3.075
C	-0.665	3.752	0.000	-0.665	3.752	0.000
C	0.000	0.000	-3.075	0.000	0.000	-3.075
C	-0.665	-3.752	0.000	-0.665	-3.752	0.000
C	0.000	0.000	0.000	0.000	0.000	0.000

14/16A

Nb	0.000	0.000	2.000	0.000	0.000	1.998
Nb	0.000	0.000	-2.000	0.000	0.000	-1.998
Nb	-2.133	0.000	0.000	-2.108	0.000	0.000
Nb	0.000	-2.066	0.000	0.000	-2.078	0.000
Nb	0.000	2.066	0.000	0.000	2.078	0.000
Nb	-2.029	2.028	2.560	-2.030	2.030	2.564
Nb	-2.029	-2.028	-2.560	-2.030	-2.030	-2.564
Nb	-2.029	2.028	-2.560	-2.030	2.030	-2.564
Nb	-2.029	-2.028	2.560	-2.030	-2.030	2.564
Nb	2.133	0.000	0.000	2.108	0.000	0.000
Nb	2.029	-2.028	2.560	2.030	-2.030	2.564
Nb	2.029	2.028	-2.560	2.030	2.030	-2.564
Nb	2.029	-2.028	-2.560	2.030	-2.030	-2.564
Nb	2.029	2.028	2.560	2.030	2.030	2.564
C	-2.526	2.407	-0.671	-2.497	2.422	-0.669
C	-2.213	0.000	2.484	-2.207	0.000	2.482
C	-2.213	0.000	-2.484	-2.207	0.000	-2.482
C	0.000	-2.238	2.503	0.000	-2.229	2.466
C	0.000	2.238	2.503	0.000	2.229	2.466
C	0.000	2.238	-2.503	0.000	2.229	-2.466
C	0.000	-2.238	-2.503	0.000	-2.229	-2.466
C	-2.526	2.407	0.671	-2.497	2.422	0.669

C	-2.526	-2.407	0.671	-2.497	-2.422	0.669
C	-2.526	-2.407	-0.671	-2.497	-2.422	-0.669
C	2.526	-2.407	-0.671	2.497	-2.422	-0.669
C	2.213	0.000	2.484	2.207	0.000	2.482
C	2.213	0.000	-2.484	2.207	0.000	-2.482
C	2.526	-2.407	0.671	2.497	-2.422	0.669
C	2.526	2.407	0.671	2.497	2.422	0.669
C	2.526	2.407	-0.671	2.497	2.422	-0.669

Table S2. Calculated vibrational frequencies and intensities for three $[\text{Nb}_x\text{C}_y]^0$ species.

Mode	4/4A		6/6A		6/7A	
	cm ⁻¹	km mol ⁻¹	cm ⁻¹	km mol ⁻¹	cm ⁻¹	km mol ⁻¹
7	135	250	128	6	107	12
8	162	230	143	177	131	176
9	271	233	146	263	142	12
10	277	194	175	18	181	69
11	280	91	216	15	196	18
12	340	81	219	159	204	125
13	440	244	220	67	211	49
14	458	44	222	35	229	172
15	466	29	242	238	276	201
16	472	66	263	197	279	224
17	501	27	282	13	287	115
18	588	162	303	8	313	44
19	606	279	319	0	329	46
20	611	390	353	21	342	26
21	670	77	417	58	366	547
22	671	209	443	69	379	418
23	673	26	444	27	429	103
24	689	138	454	176	432	594
25			487	223	449	108
26			492	20	473	60
27			525	21	486	262
28			527	9	487	304
29			548	97	489	397

30	607	361	495	124
31	627	450	597	82
32	628	125	626	272
33	631	611	639	483
34	648	132	658	587
35	702	345	673	142
36	725	38	707	41
37			712	340
38			768	99
39			1409	127