

i-1/i	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	X
A	-0.354	-0.450	0.261	0.204	0.049	-0.440	0.179	0.064	-0.279	-0.077	-0.168	0.038	-0.247	-0.125	-0.227	-0.266	0.189	-0.149	0.014	-0.126	-1.424
C	0.231	-1.120	0.165	0.257	-0.504	-1.133	-0.204	-0.390	0.820	-0.345	0.000	-1.190	0.000	0.653	0.251	-0.195	-0.253	-0.131	0.294	-1.260	0.000
D	-0.737	-0.966	0.107	0.096	0.552	0.880	-0.235	-0.130	0.199	0.050	1.571	0.387	-0.231	0.178	0.271	0.242	0.085	0.224	0.252	0.217	-0.185
E	0.383	0.129	-0.272	0.540	-0.313	-0.795	-0.268	0.169	0.269	-0.169	-0.225	0.305	-0.130	0.220	0.442	0.445	-0.137	0.228	0.591	0.070	0.069
F	-0.002	-0.095	0.286	-0.041	-0.414	-1.090	0.722	-0.427	-0.446	0.168	-0.421	-0.146	0.546	-0.092	-0.226	0.190	-0.160	-0.244	-1.045	-0.260	0.000
G	-0.064	0.141	-0.069	0.221	-0.246	0.925	0.870	0.232	0.371	0.390	-0.059	1.014	0.066	0.152	-0.084	-0.133	0.036	0.128	0.758	0.337	0.632
H	-0.111	0.617	0.511	0.166	0.113	-0.178	-0.771	-0.236	-0.037	-0.607	-0.129	-0.711	0.730	0.483	-0.742	-0.105	0.127	0.053	0.181	0.013	-0.811
I	0.345	0.302	0.200	0.156	0.330	0.102	0.113	0.010	0.188	0.148	0.131	0.009	0.049	0.142	0.044	-0.066	0.386	0.078	-0.078	0.037	-1.035
K	-0.188	-0.135	-0.127	0.359	0.022	-0.324	-0.107	0.042	0.251	0.101	1.011	0.342	0.110	0.408	0.169	0.225	0.269	0.045	0.271	0.083	0.321
L	0.009	-0.735	0.036	-0.112	0.159	-0.032	0.187	0.219	0.214	0.037	-0.398	0.033	-0.316	-0.173	0.052	0.034	0.252	0.026	-0.500	0.326	0.760
M	1.273	0.162	0.146	0.360	-0.759	-1.184	-0.572	0.292	-0.127	0.507	1.397	0.197	0.050	-0.084	0.118	-0.025	-0.273	0.241	1.625	0.040	0.000
N	-0.357	1.012	-0.457	-0.738	0.944	1.374	-0.038	-0.041	0.211	0.291	0.942	-0.638	-0.705	-0.333	0.613	-0.325	0.269	-0.241	0.275	0.048	2.501
P	-0.201	0.000	0.000	-0.634	0.025	0.201	-0.561	0.442	-0.574	0.075	0.054	0.381	0.099	-0.250	0.040	-0.229	-0.946	-0.027	-0.100	-1.639	0.000
Q	0.486	1.103	0.790	0.521	0.521	-0.521	0.546	-0.183	0.050	0.094	-0.858	0.746	0.183	0.015	0.268	0.428	0.624	0.407	-0.586	-0.084	0.349
R	0.318	2.019	1.479	0.037	0.418	0.163	-0.789	0.113	0.387	0.289	0.557	0.379	-0.202	-0.617	0.056	0.261	0.238	-0.129	-0.160	0.382	0.428
S	-0.159	-0.710	0.477	-0.109	-0.244	0.034	-0.288	-0.181	0.214	-0.218	-1.321	1.164	0.366	-0.292	0.120	0.119	-0.046	-0.114	0.390	0.170	-0.296
T	0.090	0.448	0.636	-0.323	-0.390	-0.525	-0.090	-0.009	-0.211	-0.293	-0.267	0.095	0.283	-0.295	-0.332	0.199	-0.522	-0.205	-0.304	0.269	0.247
V	0.287	0.360	-0.076	-0.150	-0.032	-0.254	0.276	0.149	0.235	0.063	-0.013	-0.011	0.210	0.138	0.175	0.189	-0.022	0.177	-0.191	0.029	-0.082
W	0.889	0.722	0.232	-0.206	-0.411	-0.294	0.124	0.280	0.620	-0.206	-0.171	0.926	-1.293	0.672	0.086	-0.128	0.441	0.039	-1.114	0.539	0.099
Y	-0.256	0.051	0.268	-0.121	0.113	-0.743	0.064	-0.270	-0.316	-0.259	0.276	-0.544	-0.019	-0.160	0.151	-0.005	-0.349	0.120	1.104	0.467	0.500
X	-0.275	0.000	0.356	1.121	-0.579	1.856	0.000	-0.543	0.081	-0.232	-0.517	1.216	0.000	0.080	-0.036	0.000	0.131	-0.063	-1.235	-0.801	0.209
i-2/i	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	X
A	-0.189	1.034	0.636	-0.142	-0.254	-0.525	0.059	0.161	0.456	0.180	-0.449	0.155	0.267	-0.194	0.332	0.231	0.216	0.124	0.379	-0.341	-0.153
C	-0.340	0.169	-0.791	-0.175	1.028	-1.581	-1.471	0.428	0.156	-0.041	-0.614	0.014	1.925	1.279	0.011	0.420	1.112	0.115	0.000	0.369	0.000
D	0.074	-1.638	-0.114	-0.016	-1.266	-0.361	-0.016	-0.368	0.146	-0.031	-0.828	-0.194	0.689	-0.843	-0.189	0.151	-0.436	-0.368	-0.423	0.008	0.000
E	-0.127	0.334	0.037	0.163	-0.730	0.033	0.171	0.274	-0.205	0.831	0.558	0.167	-0.169	0.296	-0.000	0.347	0.188	0.125	0.290	0.234	-1.713
F	0.275	-0.285	-0.017	-0.022	0.087	-0.569	0.493	-0.464	-0.171	-0.177	-0.403	-0.399	0.712	-0.373	-0.265	0.661	0.200	-0.052	0.201	-0.302	1.093
G	-0.309	-0.361	0.202	-0.239	-0.343	-0.458	-0.258	-0.202	-0.186	0.053	-0.355	-0.113	-0.282	-0.301	-0.203	-0.303	-0.486	0.214	-0.261	0.268	0.347
H	-0.063	-0.733	0.058	0.000	-0.594	-1.238	0.378	0.206	0.242	-0.278	-0.876	-0.836	0.418	-0.552	0.190	1.601	-0.338	-0.122	-2.377	1.373	0.000
I	0.041	0.358	-0.359	-0.017	0.714	0.377	-0.142	0.287	0.212	-0.117	0.097	0.064	0.226	-0.015	0.402	-0.322	0.232	-0.014	-0.488	0.200	0.059
K	0.347	0.090	0.367	-0.000	-0.276	-0.160	0.161	0.132	0.344	0.025	0.382	-0.375	-0.998	0.036	-0.088	0.115	-0.149	0.033	0.014	0.064	-0.050
L	0.224	0.154	-0.161	-0.032	0.079	-0.428	-0.419	-0.029	0.118	0.063	-0.254	0.439	0.241	0.433	0.127	0.155	-0.305	0.023	-0.726	0.045	1.873
M	-0.070	-0.974	-0.722	0.143	0.498	-0.304	1.749	-0.085	0.535	-0.114	0.048	-0.607	-0.593	0.000	-0.169	0.077	-0.210	0.399	0.000	-0.403	0.000
N	-0.538	1.116	0.092	-0.127	-0.469	-0.684	-0.648	-0.141	0.385	0.541	0.260	0.556	0.000	0.352	0.090	0.474	0.250	0.214	1.218	1.259	1.242
P	0.118	0.305	1.492	0.368	-0.366	-0.313	0.608	-0.214	0.359	0.560	-0.475	-0.630	-0.312	0.118	0.191	0.667	0.318	0.290	1.326	0.953	0.000
Q	0.226	-0.104	0.326	0.344	-0.060	0.127	-0.412	0.193	-0.039	0.316	-0.134	0.349	0.522	0.391	-0.013	-0.321	0.023	-0.092	0.558	0.404	-0.259
R	-0.575	-0.725	-0.309	-0.329	-0.226	-0.235	0.575	0.501	0.018	0.410	0.454	0.089	-0.972	-0.439	-0.035	-0.380	0.565	0.077	0.335	-0.176	0.559
S	0.698	-1.668	0.667	-0.076	0.267	-0.094	0.199	0.117	0.419	0.073	0.129	0.594	0.723	0.178	0.349	0.232	-0.162	-0.116	-0.400	0.013	0.204

T	0.132	-0.972	0.415	-0.145	0.086	-0.227	0.429	-0.009	0.180	0.155	-0.009	0.106	0.247	0.223	-0.208	0.346	0.005	0.259	0.547	0.933	0.081
V	0.025	-0.202	0.146	-0.005	0.357	0.256	0.058	-0.112	-0.008	-0.201	0.267	0.155	-0.477	-0.168	-0.016	-0.515	-0.026	0.185	-0.123	-0.202	-0.737
W	0.502	3.143	0.792	0.735	0.118	0.728	1.712	-0.338	-0.020	0.029	-0.817	0.226	1.141	0.176	-0.038	0.256	0.706	0.041	0.711	0.542	1.391
Y	0.628	1.951	0.975	0.202	0.377	-0.824	0.720	0.121	0.040	-0.092	0.092	-0.446	-0.445	0.057	1.121	0.594	0.289	0.101	0.289	0.173	-0.222
X	-0.301	-1.460	1.913	0.000	-0.984	-1.171	0.000	1.508	0.096	-0.724	2.591	1.438	-0.625	0.532	1.102	-0.053	1.534	0.898	0.000	0.639	0.622
i+1/i	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	X
A	-0.473	-1.503	-0.957	-0.205	-0.308	-1.235	-0.271	-0.279	-0.115	0.099	-0.068	-0.699	-0.331	-1.162	-0.436	-0.719	-0.565	-0.258	-0.866	-0.559	-0.176
C	-0.196	-0.640	-0.348	0.014	-0.057	-0.702	-0.748	-0.381	0.439	-0.040	1.430	-1.158	0.000	-0.016	-0.146	-1.153	0.083	0.269	-0.211	-0.008	0.000
D	-0.324	-0.491	0.581	0.256	-0.322	-0.412	0.121	-0.537	0.087	-0.348	0.098	-0.616	0.000	-0.230	-0.203	-0.203	-0.415	-0.449	-0.151	0.192	0.457
E	-0.307	-0.581	-0.516	-0.246	0.079	-0.660	-0.370	-0.039	-0.319	-0.147	-0.166	-0.495	-0.736	-0.351	-0.215	0.062	0.263	-0.292	-0.399	-0.211	-0.004
F	-0.038	-0.967	-0.648	-0.240	-0.573	-0.451	-0.420	-0.414	-0.292	-0.374	-0.466	-0.460	0.438	-0.148	-0.221	-0.580	-0.239	-0.289	-0.450	-0.407	-0.442
G	0.310	0.093	-0.191	0.410	0.533	0.677	-0.332	0.323	0.587	0.768	0.860	0.635	0.386	0.199	0.336	0.513	0.104	0.248	0.371	-0.058	0.670
H	-0.478	-1.028	-0.072	-0.058	-0.655	-0.636	-0.302	-0.123	-0.292	0.032	-1.192	0.201	-0.458	0.914	0.221	-0.114	-0.756	-0.382	0.482	0.088	0.000
I	-0.081	-0.640	-0.434	-0.163	-0.031	-0.524	0.274	0.294	-0.260	-0.190	-0.032	-0.095	-0.424	0.088	-0.005	-0.466	-0.265	0.356	0.321	0.122	0.596
K	0.082	-1.101	-0.009	0.018	-0.362	-0.306	-0.350	-0.168	-0.026	-0.118	-0.362	0.096	-0.727	-0.069	-0.125	0.197	-0.075	-0.185	-0.009	-0.196	0.101
L	-0.046	-0.499	-0.982	-0.466	-0.105	-0.521	-0.566	-0.106	-0.429	-0.497	-0.221	-0.292	-0.772	-0.295	-0.143	-0.825	-0.420	-0.143	0.033	-0.337	-0.016
M	-0.210	0.000	-0.551	0.066	-0.467	-1.168	0.335	0.498	0.355	0.046	-0.495	-0.561	-0.283	0.079	-0.402	-0.837	0.198	-0.174	-0.272	0.302	-1.960
N	-0.226	0.487	-0.043	-0.247	0.016	-0.384	-0.580	-0.627	-0.310	-0.393	-0.633	-0.420	-1.536	-0.023	0.245	0.498	-0.360	-0.558	-0.442	-0.646	0.069
P	-0.388	0.000	-0.192	-1.292	-1.877	0.717	-2.534	-0.914	-2.085	-1.540	-1.826	0.000	0.000	-1.746	-0.621	-0.350	-1.112	-1.134	-0.139	-1.308	0.000
Q	-0.554	0.823	-0.288	-0.607	0.005	-0.136	-0.047	-0.212	-0.350	-0.232	-1.677	0.011	0.512	0.307	-0.423	-0.413	0.091	-0.196	-0.319	-0.136	-0.055
R	-0.472	-0.794	-0.389	-0.062	0.014	-0.572	-0.493	-0.328	-0.045	-0.122	0.052	0.011	0.015	0.071	-0.061	0.433	-0.301	-0.323	0.670	-0.049	-0.399
S	0.037	-0.883	-0.155	-0.038	0.055	-0.438	-0.371	-0.079	0.467	0.397	-0.283	-0.458	-0.524	-0.012	0.277	-0.121	0.101	0.124	0.705	0.349	0.000
T	0.288	-0.900	-0.385	0.120	0.066	0.199	0.338	0.400	0.224	0.257	-0.256	-0.207	-0.894	0.027	0.102	0.264	-0.227	0.205	0.190	0.190	-0.392
V	-0.123	-0.406	-0.282	0.132	0.157	-0.422	-0.092	0.151	0.018	-0.064	0.114	-0.433	-0.189	0.194	-0.059	-0.250	-0.035	0.265	0.298	0.214	-0.270
W	-0.257	-1.675	-0.487	-0.509	-0.386	-0.382	-0.364	-0.363	0.406	-0.460	0.597	-0.712	-0.528	0.244	-0.904	-0.372	0.001	-0.018	-0.448	0.020	-1.422
Y	-0.819	-0.503	-0.629	-0.071	-0.478	-0.959	0.108	-0.405	-0.727	-0.654	-0.217	-0.729	-1.119	-0.555	-0.650	-0.077	-0.184	-0.181	-0.015	-0.202	-0.116
X	1.540	0.000	-0.253	0.510	0.000	-0.162	-1.400	-0.691	-0.442	0.571	0.000	1.511	0.000	-0.469	-0.278	0.281	0.558	-0.560	-2.350	1.355	-0.761
i+2/i	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	X
A	-0.037	-0.822	-0.953	-0.117	0.003	-0.241	-0.238	-0.137	0.363	-0.139	0.400	-0.668	-0.822	-0.105	-0.101	0.170	-0.182	-0.059	0.120	0.118	0.185
C	0.356	-0.762	0.919	-0.067	0.283	-1.111	-0.422	-0.542	0.655	0.084	-1.054	-0.871	-0.415	0.358	-0.184	-0.026	1.130	0.024	0.124	0.148	-1.734
D	0.332	-1.046	-0.564	-0.553	0.021	-0.694	-1.274	0.158	-0.262	-0.229	-0.830	-0.084	-1.045	0.384	-0.094	-0.663	-0.197	0.225	-0.079	-0.141	0.331
E	-0.203	-0.250	-0.255	0.058	0.294	-0.833	-0.149	0.472	-0.146	0.120	-0.021	-0.472	-0.108	-0.207	-0.478	-0.454	0.030	0.334	-0.724	-0.189	0.000
F	-0.863	-1.020	-0.515	-0.526	-0.342	-1.030	-0.359	-0.668	-0.436	-0.303	-0.087	-0.791	-0.677	-0.592	-0.219	-0.532	-0.745	-0.638	0.205	-0.743	-0.155
G	-0.287	-1.111	-0.282	0.422	-0.089	-0.235	-0.341	0.190	-0.610	-0.378	-1.087	-1.002	0.761	-0.197	-0.070	-0.257	-0.552	0.152	-0.542	-0.287	-0.443
H	-0.051	-0.211	-0.674	-0.474	-0.266	-0.458	0.179	0.231	0.102	0.245	-0.920	-0.547	0.183	-0.072	-0.251	-0.428	0.356	0.214	1.235	0.230	0.000
I	-0.611	-0.821	-0.472	-0.134	-0.115	-0.449	-0.130	-0.277	-0.283	-0.095	0.011	-0.497	-1.163	0.143	-0.144	-0.611	-0.366	-0.501	0.169	-0.141	0.170
K	0.314	-0.251	-0.092	0.148	0.404	-0.220	-0.095	0.290	0.389	0.044	0.074	-0.439	0.077	0.054	0.209	-0.090	-0.132	0.558	0.167	0.127	-1.766
L	-0.381	-0.726	-0.903	0.167	-0.655	-0.962	0.006	-0.398	-0.209	-0.470	-0.481	-0.403	-0.708	-0.133	-0.160	-0.152	-0.139	-0.636	0.032	-0.355	-0.201
M	-0.343	-0.639	0.683	0.016	-0.271	-0.321	-0.533	-0.600	0.399	-0.454	0.603	0.203	0.219	-0.579	0.450	-1.632	-0.902	0.057	-1.194	0.208	2.280

N	-0.059	-0.469	-0.797	-0.338	-0.271	0.144	-0.314	-0.124	0.006	-0.184	0.728	-0.188	-0.900	-0.197	-0.158	-0.739	0.016	0.286	0.120	0.112	0.029
P	0.474	-0.524	0.338	-0.328	0.359	-0.412	0.685	0.353	0.558	0.644	-0.332	0.000	-0.225	-0.443	0.097	0.467	-0.081	0.074	1.145	1.045	-0.692
Q	0.198	-0.876	-0.614	-0.130	0.326	-0.394	-0.348	0.195	0.050	0.401	0.000	0.134	0.318	0.498	0.074	-0.120	-0.146	0.169	-1.123	-0.919	0.045
R	-0.083	-0.112	-0.562	-0.375	0.109	-0.754	-0.401	0.240	-0.023	0.087	0.049	-0.258	-0.935	-0.187	-0.216	-0.621	-0.129	0.491	0.000	0.509	-0.179
S	-0.006	-0.543	-0.095	0.008	0.041	-0.480	0.582	0.127	0.135	0.192	0.297	-0.224	0.598	-0.241	0.100	-0.221	0.017	0.398	0.438	0.540	-0.288
T	0.263	0.583	-0.470	0.152	-0.230	-0.104	-0.638	0.448	-0.008	0.046	-0.039	0.167	-0.126	-0.016	-0.159	-0.190	0.002	0.186	0.052	-0.176	-0.427
V	-0.341	-0.702	-0.506	-0.240	-0.679	-0.450	-0.607	-0.428	-0.394	-0.446	-0.684	-0.532	-0.384	0.012	-0.371	-0.388	-0.131	-0.463	-0.380	0.014	0.356
W	-0.334	0.575	-0.358	-0.366	0.226	-0.532	-0.196	-0.717	-0.112	0.025	0.718	-1.261	0.458	-0.092	0.342	-0.536	0.055	-0.136	-0.135	0.685	0.000
Y	-0.448	-1.012	-0.837	-0.336	0.034	0.206	-0.568	-0.033	-0.497	-0.381	-0.087	-0.483	0.128	-0.029	-0.312	-0.901	-0.939	-0.264	-0.763	-0.095	-0.179
X	0.238	0.000	0.000	0.285	-0.736	-0.874	0.000	0.055	-0.714	-0.028	0.000	-0.029	0.000	-0.411	1.264	0.869	-1.158	-0.979	1.386	0.543	-1.539