
Mg12Ce

PARAMETERS

A=10.3300 B=10.3300 C= 5.9600

AF= 90.000 BT= 90.000 GM=120.000

NUVW= 8 NSY= 2 NL= 2

SY: 1-CUBIC; 2-TETRA; 3-ORTH; 4-HEX; 5-MONO; 6-TRIC

LT: 1-F; 2-I; 3-C; 4-B; 5-A; 6-P; 7-R;

K	U	V	W	H1	K1	L1	H2	K2	L2	R2/R1	R3/R1	FAI	D1	D2
1	2	1	0	-1	2	1	1	-2	1	1.000	1.310	98.17	3.903	3.903
2	5	1	7	1	2	-1	-2	3	1	1.000	1.315	82.26	2.941	2.941
3	1	0	0	0	-1	-1	0	1	-1	1.000	1.109	67.34	4.960	4.960
4	2	1	4	1	2	-1	-3	2	1	1.000	1.139	110.58	2.941	2.941
5	4	2	3	2	-4	0	1	1	-2	1.001	1.225	104.47	2.582	2.581
6	8	7	3	4	-5	1	2	-1	-3	1.001	1.391	91.87	1.855	1.854
7	8	3	1	-2	5	1	0	-1	3	1.001	1.320	82.54	1.941	1.939
8	6	1	7	2	2	-2	-2	5	1	1.006	1.258	77.72	1.952	1.941
9	3	2	0	0	0	-2	-2	3	1	1.013	1.013	119.57	2.980	2.941
10	5	1	8	1	-5	0	3	1	-2	1.024	1.091	114.75	1.952	1.907
11	2	1	6	3	0	-1	-2	4	0	1.033	1.437	90.00	2.667	2.582
12	8	1	2	1	-2	-3	0	4	-2	1.037	1.195	71.85	1.854	1.789
13	8	7	2	-1	2	-3	-4	4	2	1.037	1.195	108.15	1.854	1.789
14	7	4	8	4	-5	-1	0	4	-2	1.037	1.196	108.10	1.855	1.789
15	7	5	1	2	-3	1	1	-1	-2	1.040	1.284	102.03	2.941	2.827
16	8	3	6	0	-4	2	3	-2	-3	1.044	1.081	116.17	1.789	1.713
17	8	5	6	4	-4	-2	1	2	-3	1.044	1.081	63.83	1.789	1.713
18	7	6	2	0	1	-3	-4	5	-1	1.045	1.084	63.98	1.939	1.855
19	7	2	4	2	-5	-1	2	-1	-3	1.047	1.085	63.97	1.941	1.854
20	5	3	8	-3	5	0	-2	-2	2	1.052	1.214	107.47	2.052	1.952
21	7	1	3	1	-1	-2	0	3	-1	1.060	1.234	73.55	2.827	2.667
22	6	4	3	-1	3	-2	-3	3	2	1.061	1.322	100.22	2.236	2.108
23	7	3	8	1	3	-2	-4	4	2	1.066	1.296	102.33	1.907	1.789
24	4	1	3	0	-3	1	2	-2	-2	1.075	1.374	97.15	2.667	2.480
25	5	1	6	-3	3	2	1	-5	0	1.080	1.080	117.56	2.108	1.952
26	8	1	5	-2	1	3	0	-5	1	1.082	1.261	74.43	1.854	1.714
27	5	4	1	2	-2	-2	-3	4	-1	1.083	1.337	100.20	2.480	2.291
28	5	2	3	-2	2	2	1	-4	1	1.083	1.448	92.01	2.480	2.291
29	8	5	7	4	-5	-1	2	1	-3	1.083	1.262	74.43	1.855	1.713
30	7	4	6	2	-5	1	4	-4	-2	1.085	1.133	65.68	1.941	1.789
31	5	3	6	3	-1	-2	-3	5	0	1.089	1.250	106.66	2.236	2.052
32	4	2	1	-1	1	2	2	-4	0	1.095	1.265	105.88	2.827	2.582
33	1	0	1	1	0	-1	0	2	0	1.109	1.271	73.91	4.960	4.473
34	5	3	2	2	-2	-2	-1	3	-2	1.109	1.208	69.68	2.480	2.236
35	2	1	7	2	-4	0	4	-1	-1	1.127	1.331	77.19	2.582	2.291
36	8	2	7	1	3	-2	-3	5	2	1.128	1.477	87.72	1.907	1.690
37	3	1	0	-1	3	0	0	0	2	1.135	1.512	90.00	3.381	2.980
38	2	1	5	2	1	-1	-2	4	0	1.139	1.284	73.46	2.941	2.582
39	7	3	5	2	-3	-1	1	1	-2	1.139	1.284	73.43	2.941	2.581
40	1	0	2	0	2	0	-2	1	1	1.146	1.521	90.00	4.473	3.903
41	3	1	7	-1	3	0	-2	-1	1	1.150	1.150	115.78	3.381	2.941
42	3	1	5	2	-1	-1	-1	3	0	1.154	1.327	104.32	3.903	3.381
43	7	1	8	2	2	-2	-3	5	2	1.155	1.431	97.13	1.952	1.690
44	4	2	5	2	-4	0	3	-1	-2	1.155	1.354	77.50	2.582	2.236
45	3	2	6	0	-3	1	4	-3	-1	1.164	1.491	86.73	2.667	2.291
46	4	3	7	-4	3	1	-2	-2	2	1.174	1.180	65.21	2.291	1.952
47	5	2	7	-3	4	1	-2	-2	2	1.174	1.477	85.17	2.291	1.952
48	7	3	6	3	-3	-2	0	4	-2	1.178	1.433	81.84	2.108	1.789
49	6	5	2	3	-4	1	1	0	-3	1.181	1.281	108.64	2.291	1.939

50	6	1	2	1	-4	-1	1	0	-3	1.181	1.281	71.36	2.291	1.939
51	4	3	1	-2	3	-1	-2	2	2	1.186	1.516	87.42	2.941	2.480
52	4	3	8	-1	4	-1	-5	4	1	1.235	1.281	69.01	2.291	1.855
53	4	1	8	3	-4	-1	1	4	-1	1.235	1.281	110.99	2.291	1.855
54	7	2	1	-1	4	-1	-1	2	3	1.235	1.558	92.31	2.291	1.854
55	8	6	3	-3	3	2	3	-5	2	1.247	1.491	97.64	2.108	1.690
56	7	5	4	-1	3	-2	-4	4	2	1.250	1.561	92.90	2.236	1.789
57	7	1	2	1	-3	-2	0	4	-2	1.250	1.562	92.83	2.236	1.789
58	5	3	4	1	1	-2	-3	5	0	1.258	1.443	78.55	2.581	2.052
59	5	1	4	2	-2	-2	-1	5	0	1.270	1.301	111.28	2.480	1.952
60	3	1	1	0	1	-1	-1	2	1	1.271	1.467	100.50	4.960	3.903
61	5	4	8	4	-3	-1	0	4	-2	1.281	1.604	88.52	2.291	1.789
62	3	2	5	-3	2	1	1	-4	1	1.284	1.507	98.46	2.941	2.291
63	4	1	0	0	0	-2	-1	4	1	1.301	1.301	112.60	2.980	2.291
64	4	3	0	0	0	-2	-3	4	1	1.301	1.301	112.60	2.980	2.291
65	3	1	2	1	-3	0	1	1	-2	1.310	1.363	109.10	3.381	2.581
66	6	4	7	-3	1	2	4	-6	0	1.322	1.369	109.30	2.236	1.691
67	5	3	1	-1	2	-1	-2	3	1	1.327	1.381	71.20	3.903	2.941
68	2	1	8	-2	4	0	-3	-2	1	1.331	1.331	112.07	2.582	1.941
69	6	3	1	-2	4	0	0	-1	3	1.332	1.508	100.82	2.582	1.939
70	6	3	2	-2	4	0	-1	0	3	1.332	1.665	90.00	2.582	1.939
71	6	5	1	2	-2	-2	-4	5	-1	1.337	1.448	104.97	2.480	1.855
72	7	6	3	-3	4	-1	-3	2	3	1.337	1.620	86.51	2.291	1.713
73	7	4	5	3	-4	-1	1	2	-3	1.337	1.558	82.23	2.291	1.713
74	4	2	7	2	-4	0	3	1	-2	1.354	1.528	100.64	2.582	1.907
75	8	2	1	-1	3	2	1	-5	2	1.369	1.581	97.83	2.236	1.633
76	6	1	5	-2	2	2	0	-5	1	1.447	1.737	91.50	2.480	1.714
77	5	1	2	1	-1	-2	-1	5	0	1.448	1.581	101.94	2.827	1.952
78	5	3	0	0	0	-2	-3	5	0	1.452	1.763	90.00	2.980	2.052
79	8	6	5	-1	3	-2	-5	5	2	1.457	1.732	87.57	2.236	1.534
80	2	1	3	2	-1	-1	0	3	-1	1.464	1.511	72.96	3.903	2.667
81	5	1	3	1	-2	-1	0	3	-1	1.464	1.512	106.99	3.903	2.667
82	3	1	3	1	0	-1	-1	3	0	1.467	1.687	83.99	4.960	3.381
83	7	5	2	2	-2	-2	-3	5	-2	1.467	1.731	86.96	2.480	1.690
84	8	3	4	1	-4	1	3	-4	-3	1.477	1.620	79.15	2.291	1.551
85	8	5	4	3	-4	-1	-1	4	-3	1.477	1.620	100.85	2.291	1.551
86	5	2	6	0	-3	1	4	-4	-2	1.491	1.720	84.89	2.667	1.789
87	7	4	3	2	-2	-2	-3	6	-1	1.499	1.599	103.32	2.480	1.654
88	4	1	5	-2	3	1	-2	-2	2	1.507	1.716	83.80	2.941	1.952
89	6	3	4	2	-4	0	1	2	-3	1.508	1.508	109.37	2.582	1.713
90	6	3	5	2	-4	0	2	1	-3	1.508	1.665	99.54	2.582	1.713
91	3	1	4	-1	3	0	-3	1	2	1.512	1.733	84.58	3.381	2.236
92	7	3	4	-2	2	2	1	-5	2	1.519	1.686	81.23	2.480	1.633
93	7	5	8	3	-1	-2	-2	6	-2	1.520	1.561	73.26	2.236	1.470
94	1	0	3	0	2	0	-3	2	1	1.521	1.677	80.54	4.473	2.941
95	5	1	0	0	0	-2	-1	5	0	1.526	1.825	90.00	2.980	1.952
96	6	4	5	1	1	-2	-4	6	0	1.527	1.683	80.59	2.581	1.691
97	5	2	0	0	0	-2	-2	5	1	1.536	1.536	109.00	2.980	1.941
98	6	1	3	0	-3	1	2	-3	-3	1.557	1.814	92.48	2.667	1.713
99	3	2	1	-1	2	-1	-2	2	2	1.574	1.704	100.50	3.903	2.480
100	2	0	1	0	-2	0	1	-1	-2	1.582	1.733	80.91	4.473	2.827
101	3	2	7	1	2	-1	-5	4	1	1.585	1.740	98.84	2.941	1.855
102	5	4	2	-2	3	-1	-2	1	3	1.586	1.644	104.84	2.941	1.854
103	7	2	5	2	-2	-2	-1	6	-1	1.599	1.781	96.89	2.480	1.551
104	7	6	1	-2	2	2	5	-6	1	1.599	1.599	108.19	2.480	1.551
105	5	4	0	0	0	-2	-4	5	1	1.606	1.606	108.14	2.980	1.855
106	8	7	4	3	-4	1	2	0	-4	1.620	1.645	106.48	2.291	1.414
107	8	1	4	1	-4	-1	2	0	-4	1.620	1.645	73.52	2.291	1.414
108	4	3	6	3	-2	-1	0	4	-2	1.644	1.778	80.52	2.941	1.789
109	5	2	4	2	-3	-1	0	4	-2	1.644	1.717	103.28	2.941	1.789
110	4	1	6	1	2	-1	-4	4	2	1.644	1.778	99.48	2.941	1.789

111	6	3	7	-2	4	0	-4	1	3	1.665	1.809	81.37	2.582	1.551
112	6	4	1	1	-1	-2	-4	6	0	1.672	1.673	107.38	2.827	1.691
113	2	1	1	0	1	-1	-2	3	1	1.687	1.921	92.64	4.960	2.941
114	5	3	7	2	-1	-1	-1	4	-1	1.704	1.902	85.17	3.903	2.291
115	0	0	1	1	-1	0	1	1	0	1.732	2.000	90.00	8.946	5.165
116	8	5	3	-2	2	2	4	-7	1	1.737	1.737	106.70	2.480	1.428
117	3	2	8	2	1	-1	-4	6	0	1.740	1.896	82.86	2.941	1.691
118	7	3	1	-1	2	1	1	-3	2	1.746	2.011	89.96	3.903	2.236
119	7	1	6	2	-2	-2	1	5	-2	1.754	1.818	77.31	2.480	1.414
120	7	1	4	1	1	-2	-2	6	2	1.755	1.892	98.21	2.581	1.470
121	8	4	1	2	-4	0	1	-1	-4	1.757	1.894	81.82	2.582	1.470
122	8	3	5	2	-2	-2	-2	7	-1	1.781	1.865	101.18	2.480	1.393
123	8	7	1	2	-2	-2	-4	5	-3	1.781	1.865	78.76	2.480	1.392
124	7	5	6	1	1	-2	-5	7	0	1.802	1.936	82.03	2.581	1.433
125	1	1	1	1	-1	0	0	1	-1	1.804	1.804	106.09	8.946	4.960
126	8	4	3	-2	4	0	-1	-1	4	1.804	1.938	97.97	2.582	1.432
127	6	3	8	2	-4	0	3	2	-3	1.809	1.809	106.04	2.582	1.427
128	7	5	3	-1	2	-1	-3	3	2	1.852	2.104	90.04	3.903	2.108
129	3	1	6	-1	3	0	-4	0	2	1.890	2.000	98.69	3.381	1.789
130	8	4	5	2	-4	0	3	-1	-4	1.894	2.022	82.42	2.582	1.363
131	6	5	3	-2	3	-1	-4	3	3	1.896	2.080	85.94	2.941	1.551
132	7	2	6	0	-3	1	4	-5	-3	1.915	2.066	84.03	2.667	1.392
133	2	1	2	1	0	-1	-2	4	0	1.921	2.165	90.00	4.960	2.582
134	6	1	0	0	0	-2	-1	6	1	1.921	1.921	105.09	2.980	1.551
135	6	5	0	0	0	-2	-5	6	1	1.921	1.921	105.09	2.980	1.551
136	7	3	2	-1	1	2	3	-7	0	1.922	1.923	105.06	2.827	1.471
137	1	0	4	0	2	0	-4	1	1	1.953	1.953	104.84	4.473	2.291
138	8	2	5	1	1	-2	-3	7	2	1.957	2.081	97.36	2.581	1.319
139	8	1	7	2	-2	-2	0	7	-1	1.985	2.134	95.54	2.480	1.250
140	5	4	7	3	-2	-1	-2	6	-2	2.000	2.112	97.74	2.941	1.470
141	2	0	3	0	-2	0	3	-1	-2	2.001	2.122	97.18	4.473	2.236
142	3	2	4	2	-1	-1	-2	5	-1	2.011	2.182	94.05	3.903	1.941
143	8	4	7	2	-4	0	3	1	-4	2.022	2.142	97.10	2.582	1.277
144	7	3	0	0	0	-2	-3	7	0	2.026	2.260	90.00	2.980	1.471
145	7	1	5	1	-2	-1	1	3	-2	2.047	2.278	89.97	3.903	1.907
146	7	4	2	-2	3	1	2	-5	3	2.060	2.080	102.85	2.941	1.427
147	8	1	3	0	-3	1	2	-4	-4	2.066	2.295	90.03	2.667	1.291
148	7	5	0	0	0	-2	-5	7	0	2.080	2.308	90.00	2.980	1.433
149	8	6	7	1	1	-2	-6	8	0	2.081	2.198	83.11	2.581	1.241
150	7	4	0	0	0	-2	-4	7	1	2.087	2.087	103.86	2.980	1.428
151	7	2	0	0	0	-2	-2	7	1	2.140	2.140	103.51	2.980	1.393
152	5	1	1	0	1	-1	-1	4	1	2.165	2.219	79.80	4.960	2.291
153	5	3	3	0	1	-1	-3	4	1	2.165	2.353	87.99	4.960	2.291
154	4	1	2	1	-2	-1	0	4	-2	2.182	2.279	97.49	3.903	1.789
155	4	3	2	-1	2	-1	-4	4	2	2.182	2.279	82.51	3.903	1.789
156	7	1	0	0	0	-2	-1	7	0	2.184	2.402	90.00	2.980	1.364
157	8	6	1	1	-1	-2	-5	7	-2	2.190	2.279	82.10	2.827	1.291
158	7	6	0	0	0	-2	-6	7	1	2.241	2.241	102.89	2.980	1.330
159	7	6	4	-2	3	-1	-4	2	4	2.279	2.354	98.21	2.941	1.291
160	8	5	1	2	-3	-1	-2	4	-4	2.279	2.488	89.97	2.941	1.291
161	8	2	3	1	-1	-2	-2	8	0	2.279	2.279	102.66	2.827	1.241
162	3	1	8	-1	3	0	-6	2	2	2.299	2.391	82.86	3.381	1.470
163	6	2	1	-1	3	0	-1	1	4	2.301	2.392	82.87	3.381	1.470
164	1	0	5	0	2	0	-5	2	1	2.305	2.411	96.23	4.473	1.941
165	3	0	1	0	-2	0	1	0	-3	2.306	2.412	96.22	4.473	1.939
166	6	5	8	-3	2	1	1	-6	3	2.354	2.482	85.37	2.941	1.249
167	6	1	8	1	2	-1	-5	6	3	2.354	2.482	94.63	2.941	1.249
168	8	3	0	0	0	-2	-3	8	1	2.385	2.385	102.10	2.980	1.250
169	8	5	0	0	0	-2	-5	8	1	2.385	2.385	102.10	2.980	1.250
170	6	2	3	1	-3	0	2	0	-4	2.392	2.537	93.42	3.381	1.414
171	3	0	2	0	2	0	-2	1	3	2.412	2.611	90.00	4.473	1.854

172	5	3	5	1	0	-1	-3	5	0	2.417	2.556	93.65	4.960	2.052
173	5	2	1	-1	2	1	1	-4	3	2.517	2.654	86.71	3.903	1.551
174	7	2	8	2	-3	-1	2	5	-3	2.531	2.631	95.49	2.941	1.162
175	5	1	5	1	0	-1	-1	5	0	2.541	2.556	79.54	4.960	1.952
176	8	1	0	0	0	-2	-1	8	1	2.564	2.564	101.24	2.980	1.162
177	8	7	0	0	0	-2	-7	8	1	2.564	2.564	101.24	2.980	1.162
178	6	2	5	-1	3	0	-4	2	4	2.620	2.647	80.59	3.381	1.291
179	8	7	5	-2	3	-1	-6	4	4	2.631	2.737	85.32	2.941	1.118
180	8	3	7	-2	3	1	-2	-4	4	2.631	2.736	85.26	2.941	1.118
181	2	0	5	0	-2	0	5	-3	-2	2.646	2.739	84.58	4.473	1.690
182	4	3	5	2	-1	-1	-2	6	-2	2.654	2.734	83.80	3.903	1.470
183	3	2	2	0	1	-1	-4	5	1	2.674	2.773	85.07	4.960	1.855
184	1	0	6	0	2	0	-6	3	1	2.704	2.883	90.00	4.473	1.654
185	5	4	3	-1	2	-1	-5	4	3	2.803	2.927	92.96	3.903	1.392
186	6	2	7	-1	3	0	-5	1	4	2.855	3.025	90.00	3.381	1.184
187	3	0	4	0	-2	0	4	-1	-3	2.884	2.884	99.98	4.473	1.551
188	3	2	3	1	0	-1	-4	6	0	2.934	2.999	96.01	4.960	1.691
189	7	3	3	0	1	-1	-3	5	2	2.934	2.999	96.05	4.960	1.690
190	1	1	0	1	-1	0	0	0	-2	3.002	3.164	90.00	8.946	2.980
191	7	1	1	0	1	-1	-1	5	2	3.037	3.197	90.04	4.960	1.633
192	1	1	3	-1	1	0	-2	-1	1	3.042	3.042	80.54	8.946	2.941
193	4	0	1	0	-2	0	1	-1	-4	3.043	3.124	85.29	4.473	1.470
194	4	1	7	2	-1	-1	0	7	-1	3.124	3.146	82.11	3.903	1.250
195	1	0	7	0	2	0	-7	4	1	3.133	3.211	85.42	4.473	1.428
196	3	0	5	0	-2	0	5	-2	-3	3.134	3.212	94.58	4.473	1.427
197	7	5	5	0	1	-1	-5	6	1	3.197	3.233	83.11	4.960	1.551
198	4	0	3	0	2	0	-3	1	4	3.281	3.356	94.37	4.473	1.363
199	5	4	6	2	-1	-1	-4	8	-2	3.294	3.359	94.95	3.903	1.185
200	7	3	7	1	0	-1	-3	7	0	3.373	3.474	87.39	4.960	1.471
201	4	1	1	0	1	-1	-2	6	2	3.373	3.475	87.42	4.960	1.470
202	2	0	7	0	-2	0	7	-3	-2	3.392	3.465	94.23	4.473	1.319
203	7	5	7	1	0	-1	-5	7	0	3.462	3.474	97.65	4.960	1.433
204	6	1	4	1	-2	-1	1	6	-3	3.471	3.492	97.06	3.903	1.125
205	6	5	4	-1	2	-1	-7	6	3	3.471	3.492	82.94	3.903	1.125
206	7	4	1	1	-2	1	4	-6	-4	3.492	3.632	90.04	3.903	1.118
207	7	1	7	1	0	-1	-2	7	1	3.561	3.636	93.73	4.960	1.393
208	1	0	8	0	2	0	-8	3	1	3.580	3.580	98.03	4.473	1.250
209	5	2	8	2	-1	-1	-2	9	-1	3.631	3.728	92.24	3.903	1.075
210	7	2	3	1	-2	-1	0	6	-4	3.703	3.835	89.96	3.903	1.054
211	4	0	5	0	-2	0	5	-3	-4	3.710	3.777	86.14	4.473	1.206
212	4	3	3	0	1	-1	-6	6	2	3.720	3.730	97.15	4.960	1.333
213	3	0	7	0	-2	0	7	-4	-3	3.784	3.850	86.21	4.473	1.182
214	5	0	1	0	-2	0	1	0	-5	3.786	3.851	93.79	4.473	1.182
215	5	0	2	0	2	0	-2	1	5	3.851	3.979	90.00	4.473	1.161
216	4	1	4	1	0	-1	-3	8	1	3.969	3.998	95.57	4.960	1.250
217	4	3	4	1	0	-1	-5	8	-1	3.969	3.998	84.43	4.960	1.250
218	5	0	3	0	-2	0	3	-2	-5	3.979	4.041	86.40	4.473	1.124
219	3	0	8	0	-2	0	8	-3	-3	4.162	4.162	96.90	4.473	1.075
220	5	0	4	0	2	0	-4	3	5	4.163	4.163	83.10	4.473	1.074
221	5	2	2	0	1	-1	-4	8	2	4.186	4.196	83.70	4.960	1.185
222	4	0	7	0	-2	0	7	-3	-4	4.273	4.332	93.35	4.473	1.047
223	1	1	2	1	-1	0	2	2	-2	4.584	4.692	90.00	8.946	1.952
224	1	1	5	1	-1	0	2	3	-1	4.610	4.610	96.23	8.946	1.941
225	3	3	1	-1	1	0	0	-1	3	4.613	4.613	96.22	8.946	1.939
226	5	4	4	0	1	-1	-8	8	2	4.738	4.810	91.88	4.960	1.047
227	5	2	5	1	0	-1	-4	10	0	4.834	4.873	86.35	4.960	1.026
228	2	2	1	-1	1	0	-1	-1	4	6.249	6.328	90.00	8.946	1.432
229	1	1	7	1	-1	0	3	4	-1	6.265	6.265	94.58	8.946	1.428
230	3	3	5	1	-1	0	2	3	-3	6.267	6.267	94.58	8.946	1.427
231	1	1	4	1	-1	0	4	4	-2	7.551	7.617	90.00	8.946	1.185
232	3	3	7	1	-1	0	4	3	-3	7.568	7.568	86.21	8.946	1.182

233	5	5	1	1	-1	0	1	0	-5	7.571	7.571	86.21	8.946	1.182
234	2	2	3	1	-1	0	3	3	-4	7.940	8.003	90.00	8.946	1.127
235	5	5	3	-1	1	0	-2	-1	5	7.958	7.958	86.40	8.946	1.124

for yingwu Nov 01, 2006