

***** Zr2Al 03 *****

PARAMETERS

A= 6.8500 B= 6.8500 C=11.1800
 AF= 90.000 BT= 90.000 GM= 90.000
 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	1	0	0	0	1	-1	0	1	1	1.000	1.045	62.99	5.841	5.841
2	8	4	5	1	3	-4	-3	1	4	1.000	1.118	112.04	1.712	1.712
3	1	1	1	0	1	-1	-1	0	1	1.000	1.206	105.84	5.841	5.841
4	2	0	1	1	-1	-2	1	1	-2	1.000	1.069	64.61	3.661	3.661
5	4	2	5	1	3	-2	-3	1	2	1.000	1.319	97.50	2.020	2.020
6	3	1	5	1	2	-1	-2	1	1	1.000	1.364	94.00	2.955	2.955
7	0	0	1	-1	-1	0	1	-1	0	1.000	1.414	90.00	4.844	4.844
8	6	2	3	1	-3	0	2	0	-4	1.000	1.265	78.47	2.166	2.165
9	4	1	8	-1	-4	1	4	0	-2	1.004	1.208	105.81	1.643	1.637
10	4	3	8	-1	4	-1	-4	0	2	1.004	1.278	79.26	1.643	1.637
11	3	1	4	2	2	-2	-1	3	0	1.026	1.100	65.77	2.222	2.166
12	6	1	3	0	-3	1	2	0	-4	1.033	1.322	98.92	2.237	2.165
13	8	3	6	3	-2	-3	0	4	-2	1.034	1.169	109.84	1.693	1.637
14	7	6	4	-2	3	-1	-2	-1	5	1.037	1.394	93.63	1.873	1.806
15	6	5	1	2	-2	-2	0	1	-5	1.045	1.313	79.83	2.222	2.126
16	7	3	6	3	1	-4	0	4	-2	1.046	1.104	65.27	1.712	1.637
17	3	0	1	0	-2	0	1	0	-3	1.046	1.447	90.00	3.425	3.274
18	4	1	3	2	1	-3	0	3	-1	1.058	1.065	62.25	2.366	2.237
19	5	4	1	-1	2	-3	-2	2	2	1.065	1.113	65.16	2.366	2.222
20	5	2	3	1	2	-3	-2	2	2	1.065	1.440	91.62	2.366	2.222
21	8	2	1	0	2	-4	-1	3	2	1.072	1.245	73.78	2.165	2.020
22	6	4	3	2	0	-4	-1	3	-2	1.072	1.396	84.63	2.165	2.020
23	5	4	8	0	-4	2	4	1	-3	1.079	1.204	109.33	1.637	1.517
24	7	4	8	0	-4	2	4	-1	-3	1.079	1.402	84.69	1.637	1.517
25	5	3	2	-1	-1	4	2	-2	-2	1.089	1.199	110.14	2.421	2.222
26	5	4	2	-2	1	3	0	-2	4	1.093	1.263	74.12	2.366	2.165
27	7	2	1	-1	2	3	0	-2	4	1.093	1.440	86.84	2.366	2.165
28	5	1	4	2	-2	-2	1	3	-2	1.100	1.298	103.83	2.222	2.020
29	6	3	7	2	3	-3	-2	4	0	1.105	1.115	63.77	1.693	1.532
30	6	3	8	3	2	-3	-2	4	0	1.105	1.406	83.66	1.693	1.532
31	4	3	6	3	-2	-1	3	2	-3	1.107	1.144	65.55	1.873	1.693
32	7	3	1	0	1	-3	-1	2	1	1.108	1.352	79.62	3.274	2.955
33	3	2	1	-1	0	3	1	-2	1	1.108	1.473	88.51	3.274	2.955
34	6	2	1	-1	1	4	1	-3	0	1.118	1.118	116.55	2.421	2.166
35	8	4	7	3	1	-4	-2	4	0	1.118	1.414	96.42	1.712	1.532
36	5	3	1	-1	1	2	0	-1	3	1.118	1.239	71.35	3.661	3.274
37	8	5	1	0	1	-5	-2	3	1	1.135	1.439	84.53	2.126	1.873
38	2	1	7	2	3	-1	-4	1	1	1.140	1.223	110.65	1.873	1.643
39	1	1	0	0	0	-2	-1	1	0	1.154	1.527	90.00	5.590	4.844
40	7	4	2	0	2	-4	-2	3	1	1.156	1.199	67.12	2.165	1.873
41	6	5	3	-2	0	4	2	-3	1	1.156	1.355	102.47	2.165	1.873
42	1	0	2	0	2	0	-2	-1	1	1.159	1.159	115.55	3.425	2.955
43	7	5	4	-1	3	-2	-3	1	4	1.180	1.368	77.24	2.020	1.712
44	3	2	5	2	2	-2	-3	2	1	1.186	1.352	104.12	2.222	1.873
45	4	1	5	2	2	-2	-2	3	1	1.186	1.464	83.64	2.222	1.873
46	7	1	2	1	1	-4	-1	3	2	1.199	1.478	96.00	2.421	2.020
47	7	5	3	-1	2	-1	-1	-1	4	1.220	1.248	112.42	2.955	2.421
48	2	1	8	3	2	-1	-2	4	0	1.223	1.482	82.98	1.873	1.532
49	7	6	1	-2	2	2	1	-2	5	1.230	1.429	101.08	2.222	1.806

50	7	4	3	-2	2	2	-1	-2	5	1.230	1.464	81.37	2.222	1.806
51	5	3	6	3	-1	-2	0	4	-2	1.234	1.445	100.14	2.020	1.637
52	5	4	7	3	-2	-1	1	4	-3	1.234	1.394	103.57	1.873	1.517
53	8	1	3	0	-3	1	2	-1	-5	1.239	1.515	84.45	2.237	1.806
54	5	1	3	1	1	-2	-1	2	1	1.239	1.547	86.71	3.661	2.955
55	4	1	2	1	-2	-1	1	2	-3	1.248	1.364	106.21	2.955	2.366
56	7	1	5	1	-2	-1	2	1	-3	1.248	1.463	80.34	2.955	2.366
57	5	2	4	2	1	-3	-2	3	1	1.263	1.445	101.59	2.366	1.873
58	6	2	5	-1	3	0	-3	-1	4	1.265	1.613	90.00	2.166	1.712
59	8	7	5	-2	3	-1	-2	-2	6	1.268	1.405	104.52	1.873	1.477
60	7	5	2	2	-2	-2	1	1	-6	1.278	1.298	68.22	2.222	1.739
61	7	6	3	0	2	-4	-3	2	3	1.279	1.592	92.26	2.165	1.693
62	7	3	4	2	-2	-2	1	3	-4	1.298	1.573	94.64	2.222	1.712
63	8	1	2	1	-2	-3	1	2	-5	1.310	1.445	76.13	2.366	1.806
64	6	1	5	-2	2	2	-2	-3	3	1.313	1.634	88.84	2.222	1.693
65	8	1	4	2	0	-4	-1	4	1	1.318	1.427	105.40	2.165	1.643
66	8	3	4	-2	0	4	1	-4	1	1.318	1.624	92.17	2.165	1.643
67	4	2	7	3	1	-2	-2	4	0	1.319	1.546	97.58	2.020	1.532
68	2	1	3	2	-1	-1	0	3	-1	1.321	1.330	111.70	2.955	2.237
69	3	1	6	-1	3	0	-4	0	2	1.323	1.396	72.40	2.166	1.637
70	2	1	6	3	0	-1	1	4	-1	1.361	1.461	74.67	2.237	1.643
71	3	1	7	2	1	-1	-1	3	0	1.364	1.577	82.16	2.955	2.166
72	4	3	2	-1	2	-1	-2	0	4	1.364	1.636	86.10	2.955	2.165
73	5	2	1	-1	2	1	0	-2	4	1.364	1.390	109.92	2.955	2.165
74	3	2	6	0	-3	1	4	0	-2	1.366	1.645	93.36	2.237	1.637
75	8	5	3	-2	2	2	0	-3	5	1.391	1.569	99.78	2.222	1.598
76	7	2	8	2	-3	-1	4	2	-4	1.394	1.556	79.18	1.873	1.343
77	8	3	7	-2	3	1	-2	-4	4	1.394	1.405	110.39	1.873	1.343
78	6	5	8	-3	2	1	-2	-4	4	1.394	1.694	91.53	1.873	1.343
79	8	6	3	0	2	-4	-3	3	2	1.396	1.533	77.61	2.165	1.551
80	6	3	4	1	2	-3	-3	2	3	1.398	1.545	101.72	2.366	1.693
81	8	4	1	1	-1	-4	-1	3	-4	1.414	1.581	79.79	2.421	1.712
82	4	0	1	0	-2	0	1	-1	-4	1.415	1.415	69.30	3.425	2.421
83	8	5	4	2	0	-4	-1	4	-3	1.427	1.592	79.90	2.165	1.517
84	8	7	1	2	-2	-2	0	1	-7	1.429	1.535	76.12	2.222	1.555
85	8	6	5	-1	3	-2	-3	-1	6	1.430	1.504	105.90	2.020	1.413
86	5	1	6	2	2	-2	-3	3	2	1.433	1.654	96.33	2.222	1.551
87	7	2	4	2	-1	-3	0	4	-2	1.445	1.635	98.30	2.366	1.637
88	3	0	2	0	2	0	-2	1	3	1.447	1.447	69.79	3.425	2.366
89	5	3	7	2	-1	-1	1	3	-2	1.463	1.746	91.82	2.955	2.020
90	5	1	7	1	2	-1	-3	1	2	1.463	1.577	102.87	2.955	2.020
91	7	2	5	2	-2	-2	1	4	-3	1.464	1.535	105.62	2.222	1.517
92	4	3	1	0	1	-3	-2	2	2	1.473	1.748	92.24	3.274	2.222
93	5	2	6	0	-3	1	4	-1	-3	1.474	1.666	82.21	2.237	1.517
94	3	3	1	-1	1	0	-1	0	3	1.480	1.480	70.25	4.844	3.274
95	5	1	8	3	1	-2	-1	5	0	1.504	1.707	83.36	2.020	1.343
96	6	4	7	-3	1	2	-2	-4	4	1.504	1.546	73.18	2.020	1.343
97	8	2	7	1	3	-2	-4	2	4	1.504	1.757	93.33	2.020	1.343
98	1	0	3	0	2	0	-3	0	1	1.531	1.829	90.00	3.425	2.237
99	8	3	5	2	-2	-2	2	3	-5	1.535	1.728	83.09	2.222	1.448
100	6	3	5	2	1	-3	-2	4	0	1.545	1.840	90.00	2.366	1.532
101	7	1	3	1	-1	-2	1	2	-3	1.547	1.636	76.63	3.661	2.366
102	7	5	1	1	-1	-2	-1	2	-3	1.547	1.722	97.93	3.661	2.366
103	2	1	4	1	2	-1	-3	2	1	1.577	1.804	85.78	2.955	1.873
104	8	4	3	-1	-1	4	2	-4	0	1.581	1.732	80.91	2.421	1.532
105	7	1	6	2	-2	-2	3	3	-4	1.590	1.701	78.53	2.222	1.398
106	8	7	4	2	0	-4	-3	4	-1	1.592	1.624	106.40	2.165	1.360
107	3	1	1	0	1	-1	-1	1	2	1.596	1.784	83.48	5.841	3.661
108	5	0	1	0	-2	0	1	0	-5	1.611	1.896	90.00	3.425	2.126
109	6	2	7	-1	3	0	-4	-2	4	1.613	1.789	97.12	2.166	1.343
110	4	3	7	2	2	-2	-4	3	1	1.634	1.758	100.20	2.222	1.360

111	5	2	7	2	2	-2	-3	4	1	1.634	1.846	85.39	2.222	1.360
112	8	7	2	-1	2	-3	-3	2	5	1.635	1.829	84.26	2.366	1.448
113	1	1	3	1	-1	0	1	2	-1	1.639	1.639	107.76	4.844	2.955
114	3	1	2	1	1	-2	-2	2	2	1.647	1.690	105.09	3.661	2.222
115	3	1	8	-1	3	0	-5	-1	2	1.658	1.830	83.07	2.166	1.306
116	7	2	6	0	-3	1	4	-2	-4	1.666	1.678	73.26	2.237	1.343
117	7	5	8	3	-1	-2	1	5	-4	1.668	1.900	87.00	2.020	1.211
118	7	3	8	1	3	-2	-5	1	4	1.668	1.707	105.12	2.020	1.211
119	4	2	1	-1	1	2	0	-2	4	1.690	1.812	80.24	3.661	2.165
120	2	0	3	0	-2	0	3	1	-2	1.696	1.696	107.15	3.425	2.020
121	1	0	1	1	0	-1	0	2	0	1.705	1.977	90.00	5.841	3.425
122	6	1	7	2	2	-2	-4	3	3	1.728	1.758	105.01	2.222	1.286
123	7	4	5	1	2	-3	-3	4	1	1.740	1.762	74.59	2.366	1.360
124	8	1	5	-2	1	3	0	-5	1	1.740	1.762	105.41	2.366	1.360
125	3	2	4	-2	1	1	-2	-3	3	1.746	1.804	76.90	2.955	1.693
126	8	7	3	2	-1	-3	-2	4	-4	1.762	1.808	103.70	2.366	1.343
127	8	1	7	2	-2	-2	2	5	-3	1.846	1.902	102.34	2.222	1.204
128	5	4	3	-1	2	-1	-3	0	5	1.849	2.001	83.51	2.955	1.598
129	7	4	6	2	1	-3	-2	5	-1	1.872	2.000	82.21	2.366	1.264
130	5	3	8	2	2	-2	-3	5	0	1.892	1.933	77.14	2.222	1.175
131	2	1	0	0	0	-2	-1	2	1	1.892	1.892	105.32	5.590	2.955
132	5	0	2	0	2	0	-2	1	5	1.896	1.896	74.71	3.425	1.806
133	7	4	1	1	-2	1	1	0	-7	1.899	2.001	99.17	2.955	1.555
134	2	1	5	2	1	-1	-2	4	0	1.929	2.173	90.00	2.955	1.532
135	7	1	8	2	2	-2	-3	5	2	1.933	2.052	82.18	2.222	1.150
136	6	3	1	0	1	-3	-2	3	3	1.934	2.137	92.56	3.274	1.693
137	7	3	5	1	1	-2	-2	3	1	1.954	2.163	87.91	3.661	1.873
138	6	0	1	0	-2	0	1	-1	-6	1.969	1.969	75.29	3.425	1.739
139	6	1	2	1	0	-3	-1	4	1	1.992	1.999	104.11	3.274	1.643
140	8	5	6	1	2	-3	-4	4	2	2.000	2.140	84.01	2.366	1.183
141	4	0	3	0	2	0	-3	-1	4	2.000	2.000	104.47	3.425	1.712
142	7	2	3	1	-2	-1	2	2	-6	2.001	2.216	88.66	2.955	1.477
143	2	2	1	-1	1	0	-1	-1	4	2.001	2.237	90.00	4.844	2.421
144	6	1	4	-1	2	1	-3	-2	5	2.041	2.200	85.41	2.955	1.448
145	1	0	4	0	2	0	-4	-1	1	2.084	2.084	103.88	3.425	1.643
146	8	3	2	-1	2	1	-1	-2	7	2.086	2.283	91.90	2.955	1.416
147	6	3	2	-1	0	3	2	-4	0	2.137	2.157	102.34	3.274	1.532
148	5	1	2	1	-1	-2	1	3	-4	2.138	2.236	82.30	3.661	1.712
149	5	0	3	0	-2	0	3	0	-5	2.144	2.366	90.00	3.425	1.598
150	1	1	2	1	-1	0	2	2	-2	2.180	2.398	90.00	4.844	2.222
151	4	3	5	-2	1	1	-2	-4	4	2.200	2.298	82.70	2.955	1.343
152	7	0	1	0	-2	0	1	0	-7	2.202	2.418	90.00	3.425	1.555
153	8	5	7	2	1	-3	-4	5	1	2.222	2.226	102.80	2.366	1.065
154	3	0	4	0	-2	0	4	1	-3	2.257	2.257	102.80	3.425	1.517
155	5	5	1	1	-1	0	1	0	-5	2.279	2.279	77.32	4.844	2.126
156	8	5	2	1	-2	1	2	0	-8	2.283	2.417	94.69	2.955	1.294
157	6	5	4	-1	2	-1	-4	0	6	2.343	2.417	82.02	2.955	1.261
158	4	2	3	1	1	-2	-3	3	2	2.360	2.390	100.47	3.661	1.551
159	6	5	2	1	0	-3	-3	4	-1	2.407	2.437	100.24	3.274	1.360
160	5	1	1	0	1	-1	-1	1	4	2.413	2.468	98.69	5.841	2.421
161	7	0	2	0	2	0	-2	1	7	2.418	2.418	78.07	3.425	1.416
162	8	3	1	0	1	-3	-2	4	4	2.437	2.590	92.71	3.274	1.343
163	4	1	6	1	2	-1	-5	2	3	2.454	2.496	99.27	2.955	1.204
164	2	1	1	0	1	-1	-2	1	3	2.468	2.628	92.13	5.841	2.366
165	1	0	5	0	2	0	-5	0	1	2.519	2.710	90.00	3.425	1.360
166	8	0	1	0	-2	0	1	-1	-8	2.551	2.551	78.70	3.425	1.343
167	5	0	4	0	2	0	-4	-1	5	2.568	2.568	101.23	3.425	1.334
168	3	1	0	0	0	-2	-1	3	0	2.581	2.768	90.00	5.590	2.166
169	1	1	5	1	-1	0	3	2	-1	2.586	2.586	78.85	4.844	1.873
170	6	4	1	-1	1	2	1	-3	6	2.591	2.725	86.81	3.661	1.413
171	3	1	3	1	0	-1	0	3	-1	2.611	2.696	84.00	5.841	2.237

172	7	0	3	0	2	0	-3	0	7	2.617	2.802	90.00	3.425	1.309
173	2	0	5	0	-2	0	5	1	-2	2.622	2.622	100.99	3.425	1.306
174	3	0	5	0	-2	0	5	0	-3	2.664	2.845	90.00	3.425	1.286
175	5	4	6	-2	1	1	-2	-5	5	2.672	2.795	86.50	2.955	1.106
176	5	5	3	-1	1	0	-2	-1	5	2.682	2.682	79.26	4.844	1.806
177	7	6	2	0	1	-3	-4	4	2	2.766	2.802	81.70	3.274	1.183
178	3	2	7	1	2	-1	-5	4	1	2.774	2.779	79.86	2.955	1.065
179	4	1	7	2	-1	-1	2	6	-2	2.779	2.873	94.80	2.955	1.063
180	4	0	5	0	-2	0	5	1	-4	2.829	2.829	100.18	3.425	1.211
181	7	6	5	-1	2	-1	-5	0	7	2.841	2.862	81.06	2.955	1.040
182	3	3	5	1	-1	0	2	3	-3	2.862	2.862	100.06	4.844	1.693
183	7	3	2	-1	1	2	0	-4	6	2.903	3.023	87.15	3.661	1.261
184	8	1	6	-1	2	1	-4	-4	6	2.910	2.969	96.41	2.955	1.015
185	8	0	3	0	-2	0	3	-1	-8	2.917	2.917	80.13	3.425	1.174
186	7	0	4	0	-2	0	4	-1	-7	2.975	2.975	80.32	3.425	1.151
187	3	2	0	0	0	-2	-2	3	1	2.985	2.985	99.64	5.590	1.873
188	1	0	6	0	2	0	-6	-1	1	3.057	3.057	99.41	3.425	1.120
189	5	3	4	1	1	-2	-4	4	2	3.093	3.116	97.97	3.661	1.183
190	7	7	1	1	-1	0	0	1	-7	3.114	3.114	99.24	4.844	1.555
191	6	0	5	0	2	0	-5	-1	6	3.143	3.143	99.15	3.425	1.090
192	7	1	1	0	1	-1	-1	2	5	3.234	3.359	88.42	5.841	1.806
193	3	3	2	-1	1	0	-2	-2	6	3.280	3.429	90.00	4.844	1.477
194	7	0	5	0	-2	0	5	0	-7	3.294	3.442	90.00	3.425	1.040
195	8	2	3	1	-1	-2	1	5	-6	3.359	3.464	87.54	3.661	1.090
196	7	1	4	1	1	-2	-3	5	4	3.380	3.443	94.86	3.661	1.083
197	4	1	0	0	0	-2	-1	4	1	3.402	3.402	98.45	5.590	1.643
198	5	0	6	0	-2	0	6	1	-5	3.405	3.405	98.44	3.425	1.006
199	5	3	3	0	1	-1	-3	1	4	3.411	3.451	96.14	5.841	1.712
200	7	7	3	1	-1	0	2	1	-7	3.420	3.420	81.59	4.844	1.416
201	2	2	3	1	-1	0	3	3	-4	3.465	3.606	90.00	4.844	1.398
202	8	6	1	-1	1	2	2	-4	8	3.546	3.684	89.97	3.661	1.032
203	2	1	2	1	0	-1	-1	4	-1	3.554	3.567	97.34	5.841	1.643
204	1	1	7	1	-1	0	4	3	-1	3.562	3.562	81.93	4.844	1.360
205	4	4	1	1	-1	0	1	1	-8	3.607	3.743	90.00	4.844	1.343
206	3	3	7	1	-1	0	3	4	-3	3.767	3.767	97.63	4.844	1.286
207	4	1	1	0	1	-1	-2	2	6	3.955	4.034	92.66	5.841	1.477
208	7	7	5	-1	1	0	-2	-3	7	3.962	3.962	97.25	4.844	1.223
209	7	3	3	0	1	-1	-3	2	5	4.034	4.135	88.73	5.841	1.448
210	1	1	4	1	-1	0	4	4	-2	4.093	4.213	90.00	4.844	1.183
211	4	3	0	0	0	-2	-3	4	1	4.111	4.111	96.99	5.590	1.360
212	5	5	7	1	-1	0	3	4	-5	4.146	4.146	96.93	4.844	1.168
213	5	1	0	0	0	-2	-1	5	0	4.161	4.280	90.00	5.590	1.343
214	5	1	5	1	0	-1	0	5	-1	4.295	4.348	86.36	5.841	1.360
215	3	2	2	0	1	-1	-4	2	4	4.348	4.380	85.22	5.841	1.343
216	5	2	0	0	0	-2	-2	5	1	4.423	4.423	96.49	5.590	1.264
217	5	3	5	1	0	-1	-1	5	-2	4.472	4.542	92.32	5.841	1.306
218	4	4	3	-1	1	0	-3	-3	8	4.584	4.692	90.00	4.844	1.057
219	5	3	0	0	0	-2	-3	5	0	4.758	4.862	90.00	5.590	1.175
220	3	3	4	1	-1	0	4	4	-6	4.770	4.874	90.00	4.844	1.015
221	5	5	2	1	-1	0	2	2	-10	4.772	4.875	90.00	4.844	1.015
222	6	1	0	0	0	-2	-1	6	1	4.989	4.989	95.75	5.590	1.120
223	5	4	0	0	0	-2	-4	5	1	5.249	5.249	95.47	5.590	1.065
224	7	5	5	0	1	-1	-5	2	5	5.283	5.360	89.03	5.841	1.106
225	3	2	3	1	0	-1	-1	6	-3	5.418	5.493	89.03	5.841	1.078
226	5	2	2	0	1	-1	-4	3	7	5.617	5.658	87.24	5.841	1.040
227	6	1	1	0	1	-1	-2	3	9	5.618	5.658	92.81	5.841	1.040