

***** Al3Ti(2) *****

PARAMETERS

A= 5.7700 B= 5.7700 C= 4.6200
 AF= 90.000 BT= 90.000 GM=120.000
 NUVW= 8 NSY= 4 NL= 6
 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	0	0	1	0	-1	0	1	0	0	1.000	1.000	120.00	4.997	4.997
2	1	2	1	-1	0	1	1	-1	1	1.000	1.176	72.02	3.392	3.392
3	4	5	7	-3	1	1	2	-3	1	1.000	1.196	106.57	1.748	1.748
4	-2	8	7	3	-1	2	1	2	-2	1.000	1.341	95.80	1.462	1.462
5	-5	6	2	0	1	-3	-2	-1	-2	1.007	1.069	64.37	1.472	1.462
6	-3	8	1	-1	0	-3	-2	-1	2	1.007	1.109	112.92	1.472	1.462
7	-5	7	8	3	1	1	-2	2	-3	1.013	1.117	112.58	1.327	1.311
8	-4	7	6	2	2	-1	-1	2	-3	1.014	1.019	60.81	1.377	1.359
9	-5	8	6	-2	-2	1	2	-1	3	1.014	1.396	87.81	1.377	1.359
10	-5	8	7	1	-2	3	3	1	1	1.023	1.323	81.65	1.359	1.327
11	4	7	5	-1	2	-2	-3	1	1	1.031	1.358	96.09	1.803	1.748
12	5	8	1	2	-1	-2	-3	2	-1	1.031	1.225	105.83	1.803	1.748
13	6	7	4	-1	2	-2	-3	2	1	1.031	1.375	85.22	1.803	1.748
14	4	6	5	-3	2	0	-1	-1	2	1.047	1.292	78.19	1.889	1.803
15	4	5	2	2	-2	1	1	0	-2	1.048	1.257	104.31	2.198	2.097
16	-3	7	8	-3	1	-2	-2	-2	1	1.062	1.225	72.83	1.462	1.377
17	-1	8	3	-3	0	-1	1	-1	3	1.065	1.072	117.56	1.567	1.472
18	-5	7	4	-1	1	-3	-2	-2	1	1.069	1.238	106.55	1.472	1.377
19	-6	7	2	-1	0	-3	-2	-2	1	1.069	1.433	92.37	1.472	1.377
20	-2	7	6	3	0	1	1	2	-2	1.072	1.195	70.38	1.567	1.462
21	-4	7	5	-1	-2	2	2	-1	3	1.076	1.101	63.96	1.462	1.359
22	-5	8	1	-2	-1	-2	-1	-1	3	1.076	1.314	101.56	1.462	1.359
23	2	3	7	-3	2	0	-2	-1	1	1.080	1.080	62.43	1.889	1.748
24	2	3	8	-3	2	0	-1	-2	1	1.080	1.372	82.40	1.889	1.748
25	1	1	0	-1	1	0	0	0	1	1.082	1.473	90.00	4.997	4.620
26	4	6	3	0	-1	2	3	-2	0	1.110	1.434	85.45	2.097	1.889
27	4	6	1	1	-1	2	3	-2	0	1.110	1.163	66.64	2.097	1.889
28	2	3	4	1	-2	1	2	0	-1	1.113	1.296	104.59	2.447	2.198
29	3	4	2	-2	1	1	2	-2	1	1.113	1.167	113.21	2.447	2.198
30	-6	7	4	-1	-2	2	2	0	3	1.115	1.314	76.60	1.462	1.311
31	5	7	6	-1	-1	2	3	-3	1	1.151	1.310	74.65	1.803	1.567
32	7	8	3	-2	1	2	3	-3	1	1.151	1.327	104.15	1.803	1.567
33	-7	8	2	-2	-2	1	2	1	3	1.154	1.224	111.18	1.377	1.194
34	2	3	6	0	-2	1	3	-2	0	1.164	1.403	80.43	2.198	1.889
35	3	5	1	2	-1	-1	-1	1	-2	1.167	1.400	80.06	2.447	2.097
36	1	2	2	0	-1	1	2	-1	0	1.176	1.544	90.00	3.392	2.885
37	1	2	3	2	-1	0	1	1	-1	1.179	1.179	64.91	2.885	2.447
38	-3	7	1	-2	-1	1	1	0	3	1.188	1.471	84.03	1.748	1.472
39	-2	7	3	2	1	-1	-1	1	-3	1.188	1.294	71.93	1.748	1.472
40	-4	5	3	-2	-1	-1	1	-1	3	1.188	1.196	114.40	1.748	1.472
41	5	6	8	-2	3	-1	-2	-1	2	1.196	1.270	109.99	1.748	1.462
42	7	8	5	3	-2	-1	-2	3	-2	1.196	1.287	108.88	1.748	1.462
43	5	7	8	-3	1	1	1	-3	2	1.196	1.450	82.12	1.748	1.462
44	5	8	7	3	-1	-1	-2	3	-2	1.196	1.465	96.82	1.748	1.462
45	5	6	3	0	-1	2	3	-2	-1	1.199	1.338	105.67	2.097	1.748
46	4	7	2	-1	0	2	3	-2	1	1.199	1.523	87.14	2.097	1.748
47	5	7	1	1	-1	2	3	-2	-1	1.199	1.543	88.65	2.097	1.748
48	3	5	4	-2	2	-1	-1	-1	2	1.219	1.257	111.80	2.198	1.803
49	5	6	2	-2	2	-1	-2	1	2	1.219	1.493	83.98	2.198	1.803

50	-7	8	3	2	1	2	1	2	-3	1.225	1.553	92.08	1.462	1.194
51	-6	8	5	-1	-2	2	3	1	2	1.230	1.364	105.42	1.462	1.188
52	-4	6	1	-1	-1	2	2	1	2	1.233	1.573	88.91	1.803	1.462
53	6	8	5	-1	2	-2	-3	1	2	1.233	1.301	109.62	1.803	1.462
54	3	4	6	-2	0	1	2	-3	1	1.257	1.586	88.50	2.198	1.748
55	-3	6	1	-2	-1	0	1	0	3	1.283	1.390	106.16	1.889	1.472
56	-3	6	2	-2	-1	0	0	-1	3	1.283	1.441	77.14	1.889	1.472
57	-4	7	1	-2	-1	-1	-1	-1	3	1.287	1.554	84.59	1.748	1.359
58	4	6	7	3	-2	0	2	1	-2	1.292	1.292	67.23	1.889	1.462
59	-4	5	6	-1	-2	1	3	0	2	1.294	1.334	110.26	1.748	1.351
60	2	3	5	-1	-1	1	3	-2	0	1.296	1.400	106.12	2.447	1.889
61	6	8	7	-1	-1	2	4	-3	0	1.301	1.517	98.63	1.803	1.386
62	1	2	4	-2	1	0	0	-2	1	1.313	1.650	90.00	2.885	2.198
63	-7	8	5	-1	1	-3	-3	-2	-1	1.323	1.433	74.76	1.472	1.113
64	-3	8	2	2	1	-1	-2	0	-3	1.334	1.554	97.86	1.748	1.311
65	-1	8	6	-2	-1	1	2	-2	3	1.334	1.471	76.68	1.748	1.311
66	-5	6	4	-2	-1	-1	0	-2	3	1.334	1.630	87.42	1.748	1.311
67	-2	8	3	-1	-1	2	3	0	2	1.335	1.654	89.00	1.803	1.351
68	6	7	3	-1	0	2	3	-3	1	1.338	1.580	83.66	2.097	1.567
69	4	5	3	-2	1	1	1	-2	2	1.357	1.562	81.47	2.447	1.803
70	-3	7	2	-1	-1	2	3	1	1	1.358	1.375	110.54	1.803	1.327
71	-4	5	7	-1	2	-2	-3	-1	-1	1.358	1.621	85.38	1.803	1.327
72	-1	8	5	2	-1	2	3	1	-1	1.358	1.511	78.05	1.803	1.327
73	2	4	1	2	-1	0	-1	1	-2	1.376	1.376	111.31	2.885	2.097
74	2	3	1	1	-1	1	2	-1	-1	1.386	1.618	83.70	3.392	2.447
75	-3	6	4	-2	-1	0	2	-1	3	1.390	1.441	107.96	1.889	1.359
76	-3	6	5	2	1	0	-1	2	-3	1.390	1.582	81.13	1.889	1.359
77	3	4	5	1	-2	1	3	-1	-1	1.400	1.674	86.76	2.447	1.748
78	3	5	6	2	0	-1	-3	3	-1	1.403	1.503	104.62	2.198	1.567
79	6	8	1	1	-1	2	3	-2	-2	1.434	1.513	105.52	2.097	1.462
80	-5	6	7	-1	-2	1	3	-1	3	1.465	1.773	89.95	1.748	1.194
81	-5	7	3	2	1	1	1	2	-3	1.465	1.554	75.53	1.748	1.194
82	1	1	1	-1	1	0	0	-1	1	1.473	1.473	109.84	4.997	3.392
83	6	7	2	2	-2	1	1	0	-3	1.493	1.503	108.97	2.198	1.472
84	-2	7	8	-1	2	-2	-4	0	-1	1.495	1.621	78.24	1.803	1.206
85	5	7	4	2	-2	1	3	-1	-2	1.503	1.618	77.66	2.198	1.462
86	-5	7	1	-1	-1	2	2	1	3	1.511	1.621	77.46	1.803	1.194
87	6	8	3	-1	0	2	4	-3	0	1.513	1.552	106.91	2.097	1.386
88	-4	6	7	-2	1	-2	-1	-3	2	1.517	1.573	105.83	1.803	1.188
89	5	8	4	0	-1	2	4	-2	-1	1.523	1.580	105.70	2.097	1.377
90	-4	5	2	-1	0	-2	-2	-2	1	1.523	1.757	85.62	2.097	1.377
91	2	3	2	-1	0	1	2	-2	1	1.544	1.796	87.09	3.392	2.198
92	-5	8	2	-2	-1	-1	0	-1	4	1.554	1.661	102.19	1.748	1.125
93	7	8	4	0	-1	2	4	-3	-1	1.580	1.739	98.59	2.097	1.327
94	-2	7	1	-1	0	-2	-3	-1	1	1.580	1.757	82.57	2.097	1.327
95	-3	6	7	-2	-1	0	3	-2	3	1.582	1.582	108.42	1.889	1.194
96	-3	6	8	2	1	0	-2	3	-3	1.582	1.794	84.82	1.889	1.194
97	3	4	8	0	-2	1	4	-3	0	1.586	1.656	75.88	2.198	1.386
98	2	4	3	-2	1	0	-1	-1	2	1.600	1.600	71.79	2.885	1.803
99	1	2	0	0	0	-1	-2	1	0	1.601	1.888	90.00	4.620	2.885
100	7	8	2	-2	2	-1	-2	1	3	1.618	1.849	93.49	2.198	1.359
101	-3	8	7	2	-1	2	3	2	-1	1.621	1.750	80.00	1.803	1.113
102	-5	6	8	-2	1	-2	-2	-3	1	1.621	1.859	86.96	1.803	1.113
103	4	7	6	-2	2	-1	-3	0	2	1.627	1.841	85.50	2.198	1.351
104	-6	7	5	-2	-1	-1	1	-2	4	1.630	1.697	103.81	1.748	1.072
105	1	2	5	2	-1	0	1	2	-1	1.650	1.650	72.36	2.885	1.748
106	4	5	8	-2	0	1	3	-4	1	1.656	1.849	95.57	2.198	1.327
107	4	7	1	2	-1	-1	-1	1	-3	1.663	1.674	73.15	2.447	1.472
108	5	6	4	-2	1	1	2	-3	2	1.674	1.867	95.43	2.447	1.462
109	-4	8	1	-2	-1	0	1	0	4	1.678	1.761	102.29	1.889	1.125
110	-4	8	3	-2	-1	0	1	-1	4	1.678	1.917	92.44	1.889	1.125

111	-1	8	4	0	1	-2	-4	0	-1	1.739	1.976	88.03	2.097	1.206
112	-6	8	1	-1	-1	2	3	2	2	1.756	1.830	102.07	1.803	1.027
113	-4	8	5	-2	-1	0	1	-2	4	1.761	1.917	83.01	1.889	1.072
114	-4	6	3	0	1	-2	-3	-1	-2	1.764	1.829	77.44	2.097	1.188
115	-2	8	1	-1	0	-2	-3	-1	2	1.764	1.923	96.76	2.097	1.188
116	3	4	7	-1	-1	1	4	-3	0	1.766	1.843	101.76	2.447	1.386
117	4	5	6	1	-2	1	4	-2	-1	1.777	1.811	75.70	2.447	1.377
118	2	3	3	0	-1	1	3	-2	0	1.796	1.940	82.63	3.392	1.889
119	5	7	3	-2	1	1	1	-2	3	1.801	1.811	74.48	2.447	1.359
120	-4	6	5	1	-1	2	3	2	0	1.829	2.042	87.24	2.097	1.146
121	1	2	6	-2	1	0	0	-3	1	1.841	2.095	90.00	2.885	1.567
122	5	8	6	-2	2	-1	-2	-1	3	1.841	1.849	105.29	2.198	1.194
123	-1	8	2	-2	0	-1	-2	-1	3	1.841	1.953	80.99	2.198	1.194
124	-2	7	4	-2	0	-1	-1	-2	3	1.841	2.050	87.05	2.198	1.194
125	3	5	7	-1	2	-1	-4	1	1	1.843	2.059	87.54	2.447	1.327
126	4	7	8	2	0	-1	-3	4	-2	1.849	2.071	87.96	2.198	1.188
127	5	8	2	-2	1	1	2	-2	3	1.867	2.059	86.25	2.447	1.311
128	3	4	1	1	-1	1	2	-1	-2	1.881	1.940	101.87	3.392	1.803
129	-5	6	3	0	-1	2	3	2	1	1.885	2.035	96.22	2.097	1.113
130	-3	7	5	-1	1	-2	-3	-2	1	1.885	1.976	99.90	2.097	1.113
131	-4	7	2	-1	0	-2	-3	-2	1	1.885	1.992	81.08	2.097	1.113
132	-2	8	5	1	-1	2	4	1	0	1.923	2.042	82.11	2.097	1.090
133	3	6	1	2	-1	0	-1	1	-3	1.960	1.960	104.78	2.885	1.472
134	3	6	2	-2	1	0	0	-1	3	1.960	2.201	90.00	2.885	1.472
135	2	4	5	2	-1	0	1	2	-2	1.973	1.973	75.32	2.885	1.462
136	-3	8	4	0	-1	2	4	1	1	1.976	2.161	93.37	2.097	1.061
137	3	5	8	-1	-1	1	4	-4	1	2.029	2.135	82.05	2.447	1.206
138	1	1	2	-1	1	0	-1	-1	1	2.042	2.274	90.00	4.997	2.447
139	-4	5	1	-1	-1	1	2	1	3	2.050	2.175	96.65	2.447	1.194
140	6	7	5	-2	1	1	1	-3	3	2.050	2.059	76.41	2.447	1.194
141	5	6	7	1	-2	1	4	-1	-2	2.059	2.199	95.61	2.447	1.188
142	-4	5	8	-2	0	-1	1	-4	3	2.133	2.229	97.87	2.198	1.030
143	-3	7	6	2	0	1	1	3	-3	2.133	2.230	82.23	2.198	1.030
144	3	4	3	-1	0	1	3	-3	1	2.165	2.320	94.03	3.392	1.567
145	1	2	7	2	-1	0	1	3	-1	2.173	2.173	76.70	2.885	1.327
146	3	6	4	-2	1	0	0	-2	3	2.201	2.417	90.00	2.885	1.311
147	4	5	1	1	-1	1	3	-2	-2	2.320	2.497	88.18	3.392	1.462
148	3	5	2	-1	1	-1	-3	1	2	2.320	2.464	93.87	3.392	1.462
149	7	8	6	-2	1	1	2	-4	3	2.324	2.482	86.99	2.447	1.053
150	-2	7	5	-1	-1	1	4	-1	3	2.375	2.483	95.74	2.447	1.030
151	6	7	8	1	-2	1	5	-2	-2	2.383	2.522	86.19	2.447	1.027
152	2	2	1	-1	1	0	0	-1	2	2.383	2.383	102.11	4.997	2.097
153	1	2	8	-2	1	0	0	-4	1	2.392	2.593	90.00	2.885	1.206
154	3	6	5	-2	1	0	-1	-2	3	2.417	2.417	78.06	2.885	1.194
155	2	4	7	-2	1	0	-1	-3	2	2.428	2.428	78.11	2.885	1.188
156	2	3	0	0	0	-1	-3	2	0	2.446	2.643	90.00	4.620	1.889
157	3	4	4	0	-1	1	4	-3	0	2.448	2.464	79.15	3.392	1.386
158	3	5	3	-1	0	1	3	-3	2	2.511	2.555	81.13	3.392	1.351
159	4	8	1	2	-1	0	-1	1	-4	2.564	2.564	101.25	2.885	1.125
160	4	8	3	-2	1	0	1	-2	4	2.691	2.691	100.71	2.885	1.072
161	3	6	7	2	-1	0	1	3	-3	2.801	2.801	79.72	2.885	1.030
162	4	5	4	-1	0	1	4	-4	1	2.813	2.854	97.82	3.392	1.206
163	5	6	1	1	-1	1	3	-2	-3	2.842	2.854	99.42	3.392	1.194
164	1	1	3	-1	1	0	-1	-2	1	2.858	2.858	100.07	4.997	1.748
165	3	5	5	0	-1	1	5	-3	0	2.959	3.049	85.53	3.392	1.146
166	4	5	5	0	-1	1	5	-3	-1	3.049	3.111	95.81	3.392	1.113
167	5	7	2	-1	1	-1	-4	2	3	3.222	3.303	94.18	3.392	1.053
168	4	7	3	-1	1	-1	-4	1	3	3.293	3.303	98.12	3.392	1.030
169	6	7	1	1	-1	1	4	-3	-3	3.293	3.440	90.08	3.392	1.030
170	3	4	0	0	0	-1	-4	3	0	3.334	3.480	90.00	4.620	1.386
171	3	3	1	-1	1	0	0	-1	3	3.395	3.395	98.47	4.997	1.472

172	2	2	3	1	-1	0	1	2	-2	3.418	3.418	98.41	4.997	1.462
173	1	1	4	-1	1	0	-2	-2	1	3.629	3.764	90.00	4.997	1.377
174	3	3	2	-1	1	0	-1	-1	3	3.678	3.812	90.00	4.997	1.359
175	3	5	0	0	0	-1	-5	3	0	4.030	4.152	90.00	4.620	1.146
176	4	5	0	0	0	-1	-5	4	0	4.237	4.353	90.00	4.620	1.090
177	4	4	1	-1	1	0	0	-1	4	4.440	4.440	96.47	4.997	1.125
178	1	1	5	-1	1	0	-2	-3	1	4.491	4.491	96.39	4.997	1.113
179	3	3	4	1	-1	0	2	2	-3	4.746	4.851	90.00	4.997	1.053
180	2	2	5	1	-1	0	2	3	-2	4.866	4.866	95.90	4.997	1.027