

***** KNbO3 Potassium Niobium Oxide *****

PARAMETERS

A= 5.7000 B= 5.7200 C= 3.9700
 AF= 90.000 BT= 90.000 GM= 90.000
 NUVW= 8 NSY= 3 NL= 3
 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	-1	-1	0	1	-1	0	1.000	1.412	90.20	4.038	4.038
2	4	2	5	-1	-3	2	3	-1	-2	1.002	1.046	117.00	1.337	1.335
3	2	4	5	1	-3	2	3	1	-2	1.002	1.048	116.85	1.337	1.335
4	1	3	8	-3	1	0	-2	-2	1	1.002	1.096	66.37	1.803	1.799
5	1	2	5	1	-3	1	3	1	-1	1.002	1.290	99.77	1.646	1.642
6	2	1	5	1	3	-1	-3	1	1	1.002	1.287	99.97	1.646	1.642
7	6	5	7	4	-2	-2	1	3	-3	1.005	1.128	68.46	1.073	1.068
8	6	7	5	-4	2	2	1	-3	3	1.005	1.356	85.12	1.073	1.068
9	3	1	8	-1	3	0	-2	-2	1	1.005	1.101	113.35	1.808	1.799
10	2	3	3	-3	1	1	0	-2	2	1.007	1.288	79.86	1.642	1.631
11	0	1	1	-2	0	0	1	-1	1	1.007	1.007	119.78	2.850	2.831
12	5	6	7	2	-4	2	3	1	-3	1.007	1.131	111.40	1.075	1.067
13	7	6	5	-2	4	-2	-3	1	3	1.007	1.358	94.85	1.075	1.067
14	3	8	7	5	-1	-1	-1	3	-3	1.008	1.374	93.64	1.076	1.068
15	1	4	1	-3	1	-1	-2	0	2	1.008	1.306	81.11	1.642	1.629
16	4	1	1	1	-3	-1	0	2	-2	1.009	1.309	98.72	1.646	1.631
17	5	3	4	2	-2	-1	1	1	-2	1.010	1.094	65.91	1.799	1.781
18	3	5	4	2	-2	1	1	1	-2	1.010	1.096	113.92	1.799	1.781
19	3	2	3	-1	3	-1	-2	0	2	1.010	1.291	100.09	1.646	1.629
20	1	0	1	0	-2	0	1	-1	-1	1.010	1.010	60.34	2.860	2.831
21	8	3	7	1	-5	1	3	-1	-3	1.012	1.377	86.38	1.079	1.067
22	1	3	1	-3	1	0	1	-1	2	1.012	1.107	113.25	1.803	1.781
23	5	4	3	3	-3	-1	1	1	-3	1.014	1.186	72.17	1.275	1.258
24	4	5	3	3	-3	1	1	1	-3	1.014	1.188	107.70	1.275	1.258
25	3	6	1	-4	2	0	1	-1	3	1.014	1.196	107.19	1.275	1.258
26	3	1	1	1	-3	0	1	-1	-2	1.015	1.109	66.77	1.808	1.781
27	6	3	1	2	-4	0	1	-1	-3	1.016	1.197	72.82	1.278	1.258
28	1	1	0	-1	1	0	0	0	1	1.017	1.426	90.00	4.038	3.970
29	8	1	6	2	2	-3	-2	4	2	1.030	1.194	107.96	1.107	1.075
30	8	5	2	2	-2	-3	-2	4	-2	1.030	1.424	89.11	1.107	1.075
31	1	8	6	-2	-2	3	4	-2	2	1.031	1.198	72.25	1.107	1.073
32	5	8	2	2	-2	3	4	-2	-2	1.031	1.426	90.83	1.107	1.073
33	7	5	3	3	-3	-2	-2	4	-2	1.037	1.156	110.87	1.114	1.075
34	5	7	3	3	-3	2	4	-2	-2	1.038	1.156	69.06	1.114	1.073
35	4	2	7	3	1	-2	-2	4	0	1.044	1.367	96.11	1.335	1.278
36	2	4	7	-1	-3	2	4	-2	0	1.048	1.372	84.10	1.337	1.275
37	2	1	8	4	0	-1	-2	4	0	1.049	1.102	114.97	1.341	1.278
38	1	2	8	0	-4	1	4	-2	0	1.055	1.108	65.19	1.345	1.275
39	3	6	4	-4	2	0	0	-2	3	1.062	1.315	100.79	1.275	1.201
40	3	6	2	-4	2	0	-2	0	3	1.063	1.152	67.86	1.275	1.200
41	6	3	2	-2	4	0	0	-2	3	1.064	1.155	112.04	1.278	1.201
42	6	3	4	2	-4	0	2	0	-3	1.065	1.316	79.11	1.278	1.200
43	7	1	4	1	1	-2	-1	3	1	1.083	1.324	101.15	1.781	1.646
44	7	3	2	1	-1	-2	-1	3	-1	1.083	1.464	89.26	1.781	1.646
45	1	7	4	-1	-1	2	3	-1	1	1.085	1.328	79.02	1.781	1.642
46	3	7	2	1	-1	2	3	-1	-1	1.085	1.467	90.67	1.781	1.642
47	5	1	8	-2	2	1	-1	-3	1	1.094	1.348	99.95	1.799	1.646
48	1	5	8	2	-2	1	3	1	-1	1.096	1.346	79.77	1.799	1.642
49	4	5	6	-4	2	1	-2	-2	3	1.097	1.130	65.01	1.214	1.107

50	4	7	2	-4	2	1	2	-2	3	1.097	1.296	103.85	1.214	1.107
51	2	7	6	-4	2	-1	-2	-2	3	1.097	1.417	95.12	1.214	1.107
52	5	4	6	-2	4	-1	-2	-2	3	1.099	1.134	114.82	1.217	1.107
53	7	4	2	-2	4	-1	-2	2	3	1.099	1.298	76.19	1.217	1.107
54	7	2	6	2	-4	-1	2	2	-3	1.099	1.416	84.67	1.217	1.107
55	2	3	8	-4	0	1	2	-4	1	1.102	1.248	107.35	1.341	1.217
56	3	2	2	2	-2	-1	0	2	-2	1.103	1.479	89.22	1.799	1.631
57	2	3	2	2	-2	1	2	0	-2	1.105	1.482	90.64	1.799	1.629
58	1	3	3	-3	1	0	0	-2	2	1.106	1.351	100.35	1.803	1.631
59	3	2	8	0	4	-1	-4	2	1	1.108	1.254	72.79	1.345	1.214
60	3	1	3	1	-3	0	2	0	-2	1.110	1.353	79.55	1.808	1.629
61	1	6	4	4	0	-1	0	2	-3	1.117	1.250	72.15	1.341	1.201
62	6	5	4	2	0	-3	-2	4	-2	1.117	1.227	70.60	1.200	1.075
63	8	3	2	0	2	-3	-2	4	2	1.118	1.362	100.12	1.201	1.075
64	3	8	2	-2	0	3	4	-2	2	1.119	1.365	80.03	1.200	1.073
65	5	6	4	0	-2	3	4	-2	-2	1.119	1.228	109.45	1.201	1.073
66	6	1	4	0	-4	1	2	0	-3	1.121	1.252	107.90	1.345	1.200
67	1	6	8	-4	2	-1	-4	-2	2	1.132	1.250	71.52	1.214	1.073
68	6	1	8	2	-4	-1	2	4	-2	1.132	1.255	108.21	1.217	1.075
69	7	2	3	-1	-1	3	1	-5	1	1.165	1.170	64.91	1.258	1.079
70	8	1	3	1	1	-3	-1	5	1	1.165	1.463	95.32	1.258	1.079
71	2	7	3	-1	-1	3	5	-1	-1	1.169	1.172	115.12	1.258	1.076
72	1	8	3	-1	-1	3	5	-1	1	1.169	1.467	84.80	1.258	1.076
73	7	4	1	1	-1	-3	-2	4	-2	1.170	1.322	74.57	1.258	1.075
74	4	7	1	1	-1	3	4	-2	-2	1.172	1.324	105.37	1.258	1.073
75	5	1	7	3	-1	-2	-1	5	0	1.190	1.242	111.53	1.335	1.122
76	6	5	3	3	-3	-1	-1	3	-3	1.194	1.360	103.95	1.275	1.068
77	3	6	5	-4	2	0	1	-3	3	1.194	1.196	114.67	1.275	1.068
78	3	6	7	-4	2	0	-1	-3	3	1.194	1.493	94.71	1.275	1.068
79	5	6	3	3	-3	1	3	-1	-3	1.195	1.359	75.96	1.275	1.067
80	1	5	7	1	-3	2	5	-1	0	1.196	1.246	68.47	1.337	1.118
81	6	3	5	-2	4	0	-1	-3	3	1.197	1.198	114.62	1.278	1.068
82	6	3	7	2	-4	0	3	1	-3	1.198	1.494	85.12	1.278	1.067
83	4	6	3	-3	1	2	3	-3	2	1.198	1.423	99.84	1.335	1.114
84	6	4	3	1	-3	2	3	-3	-2	1.200	1.426	80.26	1.337	1.114
85	4	1	4	-2	0	2	0	-4	1	1.211	1.339	73.85	1.629	1.345
86	1	4	4	0	-2	2	4	0	-1	1.216	1.343	106.11	1.631	1.341
87	3	1	2	1	-1	-1	0	2	-1	1.220	1.566	89.13	2.831	2.321
88	5	1	1	0	-2	2	1	-3	-2	1.220	1.454	98.83	1.631	1.337
89	1	5	1	-2	0	2	3	-1	2	1.220	1.457	81.36	1.629	1.335
90	1	3	2	1	-1	1	2	0	-1	1.223	1.570	90.71	2.831	2.315
91	0	1	2	-2	0	0	0	-2	1	1.228	1.584	90.00	2.850	2.321
92	5	7	8	-3	1	1	1	-3	2	1.228	1.483	97.20	1.642	1.337
93	7	5	8	-1	3	-1	-3	1	2	1.233	1.487	82.79	1.646	1.335
94	1	0	2	0	2	0	-2	0	1	1.235	1.589	90.00	2.860	2.315
95	3	5	7	3	1	-2	-2	4	-2	1.242	1.364	74.07	1.335	1.075
96	3	7	1	-3	1	2	4	-2	2	1.244	1.385	104.66	1.335	1.073
97	1	7	5	-3	-1	2	4	-2	2	1.244	1.534	94.47	1.335	1.073
98	7	3	1	1	-3	2	2	-4	-2	1.244	1.387	75.48	1.337	1.075
99	7	1	5	1	3	-2	-2	4	2	1.244	1.537	85.76	1.337	1.075
100	5	3	7	-1	-3	2	4	-2	-2	1.246	1.364	106.12	1.337	1.073
101	2	5	8	4	0	-1	-2	4	-2	1.248	1.459	99.90	1.341	1.075
102	5	2	8	0	-4	1	4	-2	-2	1.254	1.465	80.22	1.345	1.073
103	3	4	3	-2	0	2	3	-3	1	1.278	1.525	96.89	1.629	1.275
104	4	3	3	0	2	-2	-3	3	1	1.279	1.529	83.26	1.631	1.275
105	3	1	6	2	0	-1	-1	3	0	1.280	1.407	104.93	2.315	1.808
106	2	1	7	3	1	-1	-2	4	0	1.284	1.521	97.53	1.642	1.278
107	1	2	2	-2	0	1	2	-2	1	1.287	1.420	104.39	2.315	1.799
108	1	3	6	0	-2	1	3	-1	0	1.287	1.413	75.18	2.321	1.803
109	2	1	2	0	2	-1	-2	2	1	1.290	1.425	75.78	2.321	1.799
110	1	2	7	-1	-3	1	4	-2	0	1.290	1.529	82.73	1.646	1.275

111	1	5	2	-2	0	1	1	-1	2	1.300	1.410	74.37	2.315	1.781
112	5	1	2	0	-2	1	1	-1	-2	1.303	1.410	105.78	2.321	1.781
113	2	5	1	-3	1	1	1	-1	3	1.306	1.530	82.00	1.642	1.258
114	5	2	1	1	-3	1	1	-1	-3	1.309	1.531	98.07	1.646	1.258
115	4	2	1	1	-1	-2	-1	3	-2	1.333	1.394	71.78	1.781	1.337
116	2	4	1	1	-1	2	3	-1	-2	1.335	1.397	108.13	1.781	1.335
117	4	3	4	2	0	-2	-2	4	-1	1.339	1.665	89.57	1.629	1.217
118	5	2	2	0	2	-2	-2	4	1	1.340	1.473	76.51	1.631	1.217
119	2	5	2	-2	0	2	4	-2	1	1.341	1.472	103.65	1.629	1.214
120	3	4	4	0	-2	2	4	-2	-1	1.343	1.667	90.53	1.631	1.214
121	7	5	4	2	-2	-1	-1	3	-2	1.346	1.431	106.50	1.799	1.337
122	7	3	8	-2	2	1	-1	-3	2	1.346	1.667	89.30	1.799	1.337
123	3	7	8	2	-2	1	3	1	-2	1.348	1.672	90.46	1.799	1.335
124	5	7	4	2	-2	1	3	-1	-2	1.348	1.431	73.41	1.799	1.335
125	1	3	5	-3	1	0	-1	-3	2	1.349	1.678	89.91	1.803	1.337
126	3	1	5	1	-3	0	3	1	-2	1.355	1.683	89.91	1.808	1.335
127	1	0	0	0	0	1	0	-2	0	1.388	1.711	90.00	3.970	2.860
128	0	1	0	0	0	-1	-2	0	0	1.393	1.715	90.00	3.970	2.850
129	4	2	3	-1	-1	2	2	-4	0	1.394	1.599	82.06	1.781	1.278
130	2	4	3	-1	-1	2	4	-2	0	1.397	1.599	98.10	1.781	1.275
131	5	7	6	-1	-1	2	3	-3	1	1.398	1.467	73.34	1.781	1.275
132	7	5	6	1	1	-2	-3	3	1	1.398	1.464	106.83	1.781	1.275
133	2	1	6	2	2	-1	-2	4	0	1.408	1.482	73.79	1.799	1.278
134	1	2	6	-2	-2	1	4	-2	0	1.411	1.479	106.53	1.799	1.275
135	1	1	2	1	-1	0	1	1	-1	1.426	1.740	89.86	4.038	2.831
136	5	1	5	-2	0	2	1	-5	0	1.452	1.668	96.46	1.629	1.122
137	1	5	5	0	-2	2	5	-1	0	1.459	1.674	83.60	1.631	1.118
138	3	5	3	-2	0	2	3	-3	2	1.462	1.665	82.80	1.629	1.114
139	5	3	3	0	-2	2	3	-3	-2	1.464	1.664	97.35	1.631	1.114
140	4	3	2	2	-2	-1	0	2	-3	1.498	1.675	81.54	1.799	1.201
141	3	4	2	2	-2	1	2	0	-3	1.499	1.677	98.35	1.799	1.200
142	5	2	5	2	0	-2	-1	5	-1	1.509	1.712	83.40	1.629	1.079
143	6	1	1	0	-2	2	1	-5	-1	1.511	1.527	71.66	1.631	1.079
144	1	6	1	-2	0	2	5	-1	1	1.514	1.527	108.49	1.629	1.076
145	2	5	5	0	-2	2	5	-1	-1	1.515	1.717	96.63	1.631	1.076
146	3	2	7	3	-1	-1	-1	5	-1	1.521	1.528	108.78	1.642	1.079
147	3	4	5	-3	1	1	2	-4	2	1.528	1.537	108.52	1.642	1.075
148	1	4	7	3	1	-1	-2	4	-2	1.528	1.728	83.47	1.642	1.075
149	2	3	7	1	-3	1	5	-1	-1	1.529	1.534	71.18	1.646	1.076
150	4	3	5	-1	3	-1	-4	2	2	1.534	1.542	71.51	1.646	1.073
151	4	1	7	-1	-3	1	4	-2	-2	1.534	1.729	96.76	1.646	1.073
152	1	6	3	-3	1	-1	-3	-1	3	1.539	1.751	84.36	1.642	1.067
153	6	1	3	1	-3	-1	1	3	-3	1.541	1.756	95.44	1.646	1.068
154	3	1	4	1	1	-1	-1	3	0	1.566	1.573	71.83	2.831	1.808
155	1	3	4	-1	-1	1	3	-1	0	1.570	1.573	108.38	2.831	1.803
156	5	1	3	1	1	-2	-1	5	0	1.588	1.658	75.89	1.781	1.122
157	1	5	3	-1	-1	2	5	-1	0	1.593	1.660	104.22	1.781	1.118
158	0	2	1	-2	0	0	1	-1	2	1.600	1.600	108.21	2.850	1.781
159	2	0	1	0	-2	0	1	-1	-2	1.606	1.606	71.85	2.860	1.781
160	5	3	1	1	-1	-2	-2	4	-2	1.658	1.818	82.30	1.781	1.075
161	3	5	1	1	-1	2	4	-2	-2	1.660	1.821	97.64	1.781	1.073
162	4	1	6	2	-2	-1	2	4	-2	1.675	1.941	89.39	1.799	1.075
163	1	4	6	2	-2	1	4	2	-2	1.677	1.948	90.32	1.799	1.073
164	1	3	7	-3	1	0	-2	-4	2	1.678	1.846	83.05	1.803	1.075
165	3	1	7	1	-3	0	4	2	-2	1.685	1.856	96.72	1.808	1.073
166	2	1	1	1	-1	-1	-1	3	-1	1.720	1.736	105.96	2.831	1.646
167	2	1	4	2	0	-1	0	4	-1	1.721	1.811	78.60	2.315	1.345
168	1	2	1	1	-1	1	3	-1	-1	1.724	1.738	73.96	2.831	1.642
169	1	2	4	0	-2	1	4	0	-1	1.730	1.819	101.39	2.321	1.341
170	0	1	3	-2	0	0	-1	-3	1	1.732	1.732	73.22	2.850	1.646
171	3	5	6	-2	0	1	1	-3	2	1.732	1.816	78.33	2.315	1.337

172	1	7	2	-2	0	1	3	-1	2	1.735	1.841	100.28	2.315	1.335
173	7	1	2	0	-2	1	1	-3	-2	1.736	1.845	79.91	2.321	1.337
174	5	3	6	0	2	-1	-3	1	2	1.739	1.821	101.75	2.321	1.335
175	1	0	3	0	2	0	-3	-1	1	1.742	1.742	106.68	2.860	1.642
176	3	7	6	-2	0	1	3	-3	2	2.078	2.168	98.57	2.315	1.114
177	7	3	6	0	-2	1	3	-3	-2	2.083	2.175	81.60	2.321	1.114
178	1	4	2	-2	0	1	2	-2	3	2.092	2.158	80.08	2.315	1.107
179	4	1	2	0	2	-1	-2	2	3	2.097	2.159	100.07	2.321	1.107
180	5	1	4	1	-1	-1	0	4	-1	2.104	2.118	102.94	2.831	1.345
181	1	5	4	1	-1	1	4	0	-1	2.111	2.121	76.91	2.831	1.341
182	5	3	2	1	-1	-1	-1	3	-2	2.118	2.327	89.04	2.831	1.337
183	0	1	4	-2	0	0	0	-4	1	2.118	2.343	90.00	2.850	1.345
184	3	5	2	1	-1	1	3	-1	-2	2.121	2.331	90.87	2.831	1.335
185	0	2	3	2	0	0	-1	3	-2	2.132	2.132	103.56	2.850	1.337
186	1	0	4	0	2	0	-4	0	1	2.132	2.355	90.00	2.860	1.341
187	2	0	3	0	-2	0	3	1	-2	2.143	2.143	103.49	2.860	1.335
188	2	3	4	-2	0	1	2	-4	2	2.154	2.367	89.46	2.315	1.075
189	3	2	4	0	2	-1	-4	2	2	2.163	2.372	90.66	2.321	1.073
190	3	1	0	0	0	1	1	-3	0	2.196	2.413	90.00	3.970	1.808
191	1	3	0	0	0	-1	-3	1	0	2.202	2.418	90.00	3.970	1.803
192	2	1	3	1	1	-1	-2	4	0	2.215	2.221	77.31	2.831	1.278
193	1	2	3	-1	-1	1	4	-2	0	2.219	2.221	102.93	2.831	1.275
194	1	1	4	1	-1	0	2	2	-1	2.244	2.454	89.82	4.038	1.799
195	0	3	1	-2	0	0	1	-1	3	2.266	2.266	102.75	2.850	1.258
196	1	1	1	1	-1	0	1	1	-2	2.267	2.476	89.91	4.038	1.781
197	3	0	1	0	-2	0	1	-1	-3	2.274	2.274	77.30	2.860	1.258
198	5	1	6	-1	-1	1	2	-4	-1	2.327	2.524	90.54	2.831	1.217
199	1	5	6	-1	-1	1	4	-2	1	2.331	2.532	89.71	2.831	1.214
200	0	3	2	-2	0	0	0	-2	3	2.373	2.575	90.00	2.850	1.201
201	3	0	2	0	2	0	-2	0	3	2.383	2.584	90.00	2.860	1.200
202	3	2	1	1	-1	-1	-2	4	-2	2.634	2.651	99.97	2.831	1.075
203	2	3	1	1	-1	1	4	-2	-2	2.638	2.653	79.97	2.831	1.073
204	0	1	5	-2	0	0	-1	-5	1	2.640	2.640	79.08	2.850	1.079
205	1	0	5	0	2	0	-5	-1	1	2.658	2.658	100.84	2.860	1.076
206	2	1	0	0	0	1	2	-4	0	3.106	3.263	90.00	3.970	1.278
207	1	2	0	0	0	-1	-4	2	0	3.113	3.269	90.00	3.970	1.275
208	1	1	6	1	-1	0	3	3	-1	3.168	3.319	89.81	4.038	1.275
209	3	3	2	1	-1	0	1	1	-3	3.211	3.362	89.94	4.038	1.258
210	5	1	0	0	0	-1	-1	5	0	3.539	3.678	90.00	3.970	1.122
211	1	5	0	0	0	-1	-5	1	0	3.551	3.689	90.00	3.970	1.118
212	1	1	3	1	-1	0	3	3	-2	3.625	3.757	89.83	4.038	1.114
213	3	3	4	1	-1	0	2	2	-3	3.648	3.781	89.89	4.038	1.107