

***** beta Si3N4 *****

PARAMETERS

A= 7.6000 B= 7.6000 C= 2.9100
 AF= 90.000 BT= 90.000 GM=120.000
 NUVW= 6 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	6.582	6.582
2	-3	5	4	2	2	-1	-3	-1	-1	1.029	1.120	113.01	1.591	1.546
3	3	4	2	-2	1	1	2	-2	1	1.060	1.266	75.76	2.310	2.180
4	-5	6	3	0	-1	2	3	2	1	1.060	1.223	72.79	1.421	1.340
5	-4	6	3	-3	-2	0	0	-1	2	1.063	1.327	80.02	1.510	1.421
6	-4	6	5	-3	-2	0	1	-1	2	1.063	1.441	91.42	1.510	1.421
7	2	3	1	1	-1	1	3	-2	0	1.070	1.152	67.54	2.661	2.488
8	2	3	2	-1	0	1	3	-2	0	1.070	1.221	107.80	2.661	2.488
9	2	3	3	0	-1	1	3	-2	0	1.070	1.408	85.62	2.661	2.488
10	2	3	4	-3	2	0	1	-2	1	1.077	1.141	113.45	2.488	2.310
11	2	3	5	-3	2	0	-1	-1	1	1.077	1.316	78.52	2.488	2.310
12	5	6	3	-3	2	1	3	-3	1	1.079	1.331	100.51	1.891	1.752
13	-2	5	6	-3	0	-1	-2	-2	1	1.101	1.289	75.53	1.752	1.591
14	-4	6	1	-3	-2	0	-1	-1	2	1.111	1.202	69.19	1.510	1.359
15	-4	5	2	-2	-2	1	1	0	2	1.120	1.187	67.83	1.591	1.421
16	-1	6	3	-3	0	-1	-3	-1	1	1.133	1.233	70.32	1.752	1.546
17	2	3	6	-3	2	0	0	-2	1	1.141	1.420	97.19	2.488	2.180
18	3	5	4	-2	2	-1	-3	1	1	1.153	1.444	96.09	2.180	1.891
19	4	5	2	2	-2	1	3	-2	-1	1.153	1.518	90.63	2.180	1.891
20	3	4	6	-2	0	1	2	-3	1	1.153	1.194	66.94	2.180	1.891
21	2	3	0	0	0	-1	-3	2	0	1.170	1.539	90.00	2.910	2.488
22	-3	4	2	-2	-1	-1	-2	-2	1	1.189	1.331	74.35	1.891	1.591
23	3	5	1	2	-1	-1	-3	2	-1	1.222	1.530	86.44	2.310	1.891
24	3	4	5	1	-2	1	3	-1	-1	1.222	1.266	111.38	2.310	1.891
25	-2	5	1	-2	-1	1	3	1	1	1.223	1.331	107.21	1.891	1.546
26	-3	4	5	-1	-2	1	3	1	1	1.223	1.392	103.21	1.891	1.546
27	3	5	6	2	0	-1	-3	3	-1	1.244	1.444	79.25	2.180	1.752
28	-5	6	2	-2	-2	1	2	1	2	1.267	1.569	86.74	1.591	1.256
29	-2	6	1	-3	-1	0	1	0	2	1.285	1.453	102.10	1.825	1.421
30	-2	6	3	-3	-1	0	0	-1	2	1.285	1.505	81.39	1.825	1.421
31	1	2	0	-2	1	0	0	0	1	1.306	1.645	90.00	3.800	2.910
32	4	5	3	-2	1	1	3	-3	1	1.319	1.609	86.70	2.310	1.752
33	-1	6	4	-2	-1	1	4	0	1	1.320	1.392	107.78	1.891	1.432
34	-2	6	5	3	1	0	-2	1	-2	1.343	1.453	104.93	1.825	1.359
35	-3	5	1	-2	-1	-1	-1	-1	2	1.392	1.411	109.87	1.891	1.359
36	3	4	1	1	-1	1	3	-2	-1	1.408	1.458	107.69	2.661	1.891
37	5	6	2	-2	2	-1	-4	3	1	1.410	1.604	81.57	2.180	1.546
38	1	2	1	2	-1	0	-1	1	-1	1.428	1.428	110.50	3.800	2.661
39	1	2	2	-2	1	0	0	-1	1	1.428	1.743	90.00	3.800	2.661
40	4	5	6	1	-2	1	4	-2	-1	1.452	1.609	100.34	2.310	1.591
41	3	4	3	-1	0	1	4	-3	0	1.458	1.519	106.28	2.661	1.825
42	3	4	4	0	-1	1	4	-3	0	1.458	1.673	83.56	2.661	1.825
43	-4	5	3	2	1	1	1	2	-2	1.506	1.628	101.80	1.891	1.256
44	-4	5	6	-1	-2	1	3	0	2	1.559	1.653	77.06	1.891	1.213
45	3	4	0	0	0	-1	-4	3	0	1.594	1.882	90.00	2.910	1.825
46	5	6	4	-2	1	1	4	-4	1	1.613	1.840	93.87	2.310	1.432
47	-3	4	6	-2	0	-1	-2	-3	1	1.627	1.798	82.70	2.180	1.340
48	-2	5	4	2	0	1	3	2	-1	1.627	1.736	78.78	2.180	1.340
49	1	2	3	2	-1	0	1	1	-1	1.645	1.645	72.30	3.800	2.310

50	3	5	2	-1	1	-1	-4	2	1	1.673	1.763	101.93	2.661	1.591
51	-1	6	2	-2	0	-1	-4	-1	1	1.693	1.736	75.42	2.180	1.288
52	3	5	3	-1	0	1	4	-3	1	1.721	1.763	75.61	2.661	1.546
53	4	5	1	1	-1	1	4	-3	-1	1.721	1.853	98.83	2.661	1.546
54	-3	4	1	-1	-1	1	3	2	1	1.724	1.840	99.81	2.310	1.340
55	1	2	4	-2	1	0	0	-2	1	1.743	2.010	90.00	3.800	2.180
56	4	6	1	-3	2	0	1	-1	2	1.751	1.831	101.77	2.488	1.421
57	4	6	3	-3	2	0	0	-1	2	1.751	1.981	92.34	2.488	1.421
58	3	5	5	0	-1	1	5	-3	0	1.763	1.986	87.34	2.661	1.510
59	-2	5	3	-1	-1	1	4	1	1	1.794	1.905	99.43	2.310	1.288
60	-5	6	4	-2	-1	-1	-2	-3	2	1.805	2.032	87.99	1.891	1.048
61	4	6	5	-3	2	0	-1	-1	2	1.831	1.981	83.28	2.488	1.359
62	4	5	4	-1	0	1	5	-4	0	1.853	1.858	105.35	2.661	1.436
63	4	5	5	0	-1	1	5	-4	0	1.853	1.986	82.39	2.661	1.436
64	-3	5	6	-2	0	-1	-3	-3	1	1.877	1.916	76.88	2.180	1.161
65	-1	6	5	-1	-1	1	5	0	1	1.926	2.031	98.77	2.310	1.199
66	3	5	0	0	0	-1	-5	3	0	1.927	2.171	90.00	2.910	1.510
67	1	2	5	2	-1	0	1	2	-1	2.010	2.010	75.59	3.800	1.891
68	-3	5	2	-1	-1	1	4	2	1	2.020	2.031	103.71	2.310	1.144
69	4	5	0	0	0	-1	-5	4	0	2.026	2.259	90.00	2.910	1.436
70	5	6	1	1	-1	1	5	-4	-1	2.066	2.251	92.79	2.661	1.288
71	1	2	6	-2	1	0	0	-3	1	2.169	2.389	90.00	3.800	1.752
72	-4	5	1	-1	-1	1	3	2	2	2.205	2.278	81.22	2.310	1.048
73	5	6	5	-1	0	1	5	-5	1	2.219	2.251	78.89	2.661	1.199
74	5	6	6	0	-1	1	6	-5	0	2.251	2.327	81.65	2.661	1.182
75	1	1	0	-1	1	0	0	0	1	2.262	2.473	90.00	6.582	2.910
76	-3	4	3	1	0	1	3	3	-1	2.292	2.460	92.52	2.661	1.161
77	-3	4	4	0	-1	1	4	2	1	2.327	2.460	85.50	2.661	1.144
78	-2	5	2	1	0	1	4	2	-1	2.327	2.525	90.47	2.661	1.144
79	-2	5	5	0	-1	1	5	1	1	2.430	2.525	83.76	2.661	1.095
80	-1	6	1	-1	0	-1	-5	-1	1	2.430	2.604	88.52	2.661	1.095
81	5	6	0	0	0	-1	-6	5	0	2.462	2.657	90.00	2.910	1.182
82	1	1	1	-1	1	0	0	-1	1	2.473	2.473	101.66	6.582	2.661
83	-1	6	6	0	1	-1	-6	0	-1	2.593	2.652	82.33	2.661	1.026
84	-3	5	3	-1	0	-1	-4	-3	1	2.624	2.786	88.63	2.661	1.014
85	2	4	1	2	-1	0	-1	1	-2	2.675	2.675	100.77	3.800	1.421
86	-3	4	0	0	0	-1	-4	-3	0	2.689	2.869	90.00	2.910	1.082
87	-2	5	0	0	0	-1	-5	-2	0	2.761	2.937	90.00	2.910	1.054
88	2	4	3	-2	1	0	-1	-1	2	2.797	2.797	79.70	3.800	1.359
89	1	1	2	-1	1	0	-1	-1	1	2.849	3.019	90.00	6.582	2.310
90	-1	6	0	0	0	1	6	1	0	2.899	3.067	90.00	2.910	1.004
91	2	4	5	2	-1	0	1	2	-2	3.026	3.026	80.49	3.800	1.256
92	1	1	3	-1	1	0	-1	-2	1	3.481	3.481	98.26	6.582	1.891
93	1	1	4	-1	1	0	-2	-2	1	4.137	4.256	90.00	6.582	1.591
94	2	2	1	-1	1	0	0	-1	2	4.633	4.633	96.20	6.582	1.421
95	1	1	5	-1	1	0	-2	-3	1	4.911	4.911	95.84	6.582	1.340
96	2	2	3	1	-1	0	1	2	-2	5.240	5.240	95.47	6.582	1.256
97	1	1	6	-1	1	0	-3	-3	1	5.667	5.755	90.00	6.582	1.161
98	2	2	5	1	-1	0	2	3	-2	6.282	6.282	94.57	6.582	1.048