

Supplementary material S2

List of the ground state combination differences (GSCD) of chlorine dioxide ($^{16}\text{O}^{35}\text{Cl}^{16}\text{O}$).

Electronic supplementary material to:

High resolution ro-vibrational analysis of molecules in doublet electronic states: The ν_1 fundamental of chlorine dioxide ($^{16}\text{O}^{35}\text{Cl}^{16}\text{O}$) in the X^2B_1 electronic ground state

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Table contains term value differences derived as ground state combination differences(GSCD) from the measured transition wavenumbers in the ν_1 fundamental of ClO_2 . These were used in the fit to derive the new ground state parameters. The fit also included the known microwave transition wavenumbers from Ref. [63], given here at the end of the table. N' , K'_a , K'_c , J' are the quantum numbers of the upper level and N'' , K''_a , K''_c , J'' are the quantum numbers of the lower level:

^{a)} $J = N + 1/2$ is denoted as "+", $J = N - 1/2$ is denoted as "-".

^{b)} Value of the GSCD obtained from the experimental spectrum (in cm^{-1}).

^{c)} Difference δ between experimental and calculated values of GSCD (in cm^{-1}).

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
12	1	12	+	10	3	8	+	0.10246	-0.00038
23	4	19	+	21	6	15	+	0.14976	0.00007
28	5	24	+	26	7	20	+	0.18339	0.00007
37	7	30	+	35	9	26	+	0.20300	-0.00013
14	3	12	-	15	1	14	-	0.43054	-0.00039
30	8	23	+	32	6	27	+	0.48216	-0.00011
30	8	23	-	32	6	27	-	0.51102	-0.00030
39	10	29	-	41	8	33	-	0.60612	0.00036
20	4	17	-	21	2	19	-	0.63462	-0.00023
8	2	7	+	9	0	9	+	0.65468	0.00038
24	4	21	-	22	6	17	-	0.68683	-0.00001
24	4	21	+	22	6	17	+	0.71807	-0.00002
42	8	35	+	40	10	31	+	0.73413	0.00020
17	1	16	-	16	3	14	-	0.81261	-0.00032
25	7	18	+	27	5	22	+	0.85126	0.00001
25	7	18	-	27	5	22	-	0.87724	-0.00003
20	3	18	-	18	5	14	-	0.95314	0.00011
20	3	18	+	18	5	14	+	0.98902	0.00003
33	6	27	-	31	8	23	-	1.02363	-0.00015
23	2	21	-	22	4	19	-	1.04656	0.00002
33	6	27	+	31	8	23	+	1.04717	0.00003
23	2	21	+	22	4	19	+	1.05119	-0.00008
34	9	26	+	36	7	30	+	1.19842	-0.00023
12	4	9	+	14	2	13	+	1.22815	-0.00025
34	9	26	-	36	7	30	-	1.22821	0.00008
19	3	16	+	17	5	12	+	1.31375	0.00026
26	5	22	+	27	3	24	+	1.36512	-0.00015
16	5	12	+	18	3	16	+	1.37023	0.00004
16	5	12	-	18	3	16	-	1.40905	0.00002
17	0	17	+	16	2	15	+	1.57311	-0.00035
29	8	21	+	31	6	25	+	1.70838	-0.00017
15	5	10	+	17	3	14	+	1.71657	0.00002
29	8	21	-	31	6	25	-	1.73754	-0.00009
15	5	10	-	17	3	14	-	1.74247	0.00005
19	0	19	-	18	2	17	-	1.75472	-0.00002
19	0	19	+	18	2	17	+	1.79493	-0.00010
69	0	69	-	68	2	67	-	1.80068	-0.00039
20	6	15	+	22	4	19	+	1.81732	-0.00005
65	0	65	-	64	2	63	-	1.81812	0.00009
12	3	10	+	13	1	12	+	1.82750	-0.00015
63	0	63	-	62	2	61	-	1.82767	0.00038
12	3	10	-	13	1	12	-	1.84212	0.00023
3	2	1	+	2	2	1	+	1.84242	-0.00035
59	0	59	-	58	2	57	-	1.84719	0.00005
19	1	18	-	18	3	16	-	1.84755	0.00013
20	6	15	-	22	4	19	-	1.85230	-0.00008
67	0	67	+	66	2	65	+	1.85317	0.00026
19	1	18	+	18	3	16	+	1.86785	-0.00022
61	0	61	+	60	2	59	+	1.88302	0.00037
51	0	51	-	50	2	49	-	1.89154	-0.00027
53	0	53	+	52	2	51	+	1.92665	-0.00010
45	0	45	-	44	2	43	-	1.93007	-0.00006
43	0	43	-	42	2	41	-	1.94375	-0.00023
49	0	49	+	48	2	47	+	1.95088	-0.00001
38	10	29	-	40	8	33	-	1.95738	0.00007
41	0	41	-	40	2	39	-	1.95851	0.00013
23	0	23	-	22	2	21	-	1.97482	-0.00037
45	0	45	+	44	2	43	+	1.97696	0.00010
43	0	43	+	42	2	41	+	1.99069	0.00006
29	5	24	-	27	7	20	-	2.00136	-0.00006
41	0	41	+	40	2	39	+	2.00476	-0.00018
25	0	25	-	24	2	23	-	2.01739	-0.00040
33	0	33	-	32	2	31	-	2.01805	0.00014
39	0	39	+	38	2	37	+	2.01975	0.00000
31	0	31	-	30	2	29	-	2.02985	-0.00001
27	0	27	-	26	2	25	-	2.03527	0.00013
33	0	33	+	32	2	31	+	2.06371	-0.00028
3	1	2	+	2	1	2	+	2.06705	-0.00028
31	0	31	+	30	2	29	+	2.07534	-0.00040
27	0	27	+	26	2	25	+	2.08030	0.00004
34	6	29	-	32	8	25	-	2.16114	0.00004
28	1	28	+	27	1	26	+	2.19511	0.00000

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
26	1	26	—	25	1	24	—	2.21925	-0.00032
15	2	13	+	13	4	9	+	2.37196	-0.00011
4	2	3	—	3	2	1	—	2.42514	-0.00037
4	3	2	—	3	3	0	—	2.42932	-0.00029
4	3	2	+	3	3	0	+	2.45042	-0.00035
18	4	15	—	19	2	17	—	2.45093	-0.00038
24	7	18	—	26	5	22	—	2.46756	0.00010
33	9	24	+	35	7	28	+	2.49018	-0.00015
22	1	22	+	21	1	20	+	2.51078	-0.00035
33	9	24	—	35	7	28	—	2.52088	-0.00018
25	2	23	—	24	4	21	—	2.52892	0.00036
25	2	23	+	24	4	21	+	2.53711	-0.00028
32	6	27	—	33	4	29	—	2.58878	-0.00029
32	6	27	+	33	4	29	+	2.60272	-0.00028
20	1	20	—	19	1	18	—	2.64987	-0.00029
21	1	20	—	20	3	18	—	2.66058	-0.00026
4	2	3	+	5	0	5	+	2.71317	-0.00017
19	6	13	+	21	4	17	+	2.72729	0.00023
4	2	3	—	5	0	5	—	2.75185	0.00021
51	13	38	—	53	11	42	—	2.80239	-0.00021
5	3	2	+	7	1	6	+	2.80316	0.00013
18	1	18	—	17	1	16	—	2.87700	0.00010
39	7	32	—	37	9	28	—	2.93879	0.00024
5	4	1	—	4	4	1	—	3.03905	-0.00031
3	0	3	+	1	0	1	+	3.03909	0.00009
5	3	2	—	4	3	2	—	3.04811	-0.00015
5	3	2	+	4	3	2	+	3.06021	-0.00022
5	4	1	+	4	4	1	+	3.06309	-0.00004
5	2	3	—	4	2	3	—	3.09817	0.00004
5	2	3	+	4	2	3	+	3.09933	-0.00030
28	8	21	—	30	6	25	—	3.15837	-0.00002
16	1	16	+	15	1	14	+	3.16142	-0.00038
26	4	23	—	24	6	19	—	3.18991	0.00011
25	4	21	+	23	6	17	+	3.20081	0.00007
26	4	23	+	24	6	19	+	3.21861	-0.00012
22	3	20	—	20	5	16	—	3.21958	0.00002
37	10	27	—	39	8	31	—	3.26723	0.00020
23	1	22	—	22	3	20	—	3.26732	-0.00019
10	3	8	+	11	1	10	+	3.34626	-0.00001
14	1	14	+	13	1	12	+	3.35575	0.00017
10	1	10	+	9	1	8	+	3.39027	-0.00038
12	1	12	—	11	1	10	—	3.40908	-0.00016
12	1	12	+	11	1	10	+	3.44940	0.00029
10	4	7	—	12	2	11	—	3.46446	0.00033
24	5	20	—	25	3	22	—	3.51777	-0.00038
6	2	5	—	5	2	3	—	3.59728	-0.00026
6	2	5	+	5	2	3	+	3.60152	-0.00011
23	7	16	—	25	5	20	—	3.63471	0.00008
6	5	2	—	5	5	0	—	3.64940	-0.00016
6	4	3	—	5	4	1	—	3.65594	-0.00034
6	3	4	—	5	3	2	—	3.66214	-0.00027
6	3	4	+	5	3	2	+	3.66958	-0.00021
6	5	2	+	5	5	0	+	3.67503	-0.00015
27	2	25	+	26	4	23	+	3.78133	-0.00019
14	5	10	+	16	3	14	+	3.79178	-0.00017
14	5	10	—	16	3	14	—	3.83581	-0.00011
32	9	24	+	34	7	28	+	3.84036	0.00000
32	9	24	—	34	7	28	—	3.87364	-0.00021
35	6	29	—	33	8	25	—	3.88634	-0.00020
35	6	29	+	33	8	25	+	3.90387	0.00019
2	2	1	—	3	0	3	—	3.94718	0.00013
49	9	40	—	47	11	36	—	4.01984	0.00012
9	0	9	+	7	2	5	+	4.02253	-0.00023
27	1	26	+	26	3	24	+	4.02605	0.00018
4	1	4	+	2	1	2	+	4.07839	-0.00001
50	13	38	—	52	11	42	—	4.10310	-0.00039
7	6	1	—	6	6	1	—	4.26033	0.00016
7	5	2	—	6	5	2	—	4.26534	-0.00039
7	4	3	—	6	4	3	—	4.27168	-0.00010
7	4	3	+	6	4	3	+	4.28218	-0.00011
7	5	2	+	6	5	2	+	4.28368	-0.00017
7	3	4	—	6	3	4	—	4.28377	-0.00029

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
7	6	1	+	6	6	1	+	4.28733	0.00016
7	3	4	+	6	3	4	+	4.28797	-0.00018
16	4	13	+	17	2	15	+	4.32696	-0.00017
18	6	13	+	20	4	17	+	4.36473	0.00037
27	8	19	+	29	6	23	+	4.38918	-0.00010
18	6	13	-	20	4	17	-	4.40489	-0.00010
27	8	19	-	29	6	23	-	4.42358	-0.00030
7	2	5	+	6	2	5	+	4.44154	-0.00007
7	2	5	-	6	2	5	-	4.44718	0.00005
20	2	19	+	18	4	15	+	4.44983	-0.00030
21	3	18	-	19	5	14	-	4.50026	-0.00003
36	10	27	+	38	8	31	+	4.55693	-0.00037
13	5	8	+	15	3	12	+	4.57536	-0.00001
36	10	27	-	38	8	31	-	4.59129	0.00017
13	5	8	-	15	3	12	-	4.61386	0.00006
8	2	7	-	7	2	5	-	4.67110	-0.00013
8	2	7	+	7	2	5	+	4.67673	-0.00033
33	2	31	-	34	2	33	-	4.68492	-0.00008
29	2	27	-	28	4	25	-	4.74745	-0.00008
29	2	27	+	28	4	25	+	4.76754	-0.00031
32	2	31	-	31	2	29	-	4.85700	-0.00024
8	7	2	-	7	7	0	-	4.87112	-0.00003
36	6	31	+	34	8	27	+	4.87324	-0.00020
8	6	3	-	7	6	1	-	4.87565	-0.00013
8	5	4	-	7	5	2	-	4.88064	-0.00008
8	4	5	-	7	4	3	-	4.88637	-0.00025
8	3	6	-	7	3	4	-	4.88716	-0.00039
8	4	5	+	7	4	3	+	4.89386	0.00006
8	6	3	+	7	6	1	+	4.89584	-0.00006
8	7	2	+	7	7	0	+	4.89909	-0.00012
8	3	6	-	9	1	8	-	4.93783	-0.00019
30	6	25	-	31	4	27	-	5.00047	-0.00038
22	7	16	+	24	5	20	+	5.03338	-0.00009
31	5	26	-	29	7	22	-	5.03913	0.00014
22	7	16	-	24	5	20	-	5.07212	-0.00014
31	9	22	+	33	7	26	+	5.13408	-0.00029
31	9	22	-	33	7	26	-	5.17002	0.00037
50	9	42	-	48	11	38	-	5.34663	-0.00004
24	3	22	-	22	5	18	-	5.35831	0.00020
50	9	42	+	48	11	38	+	5.36856	0.00035
32	5	28	-	30	7	24	-	5.39323	-0.00016
32	5	28	+	30	7	24	+	5.41719	0.00007
5	0	5	+	3	0	3	+	5.44177	0.00008
13	1	12	+	11	3	8	+	5.44722	0.00010
17	6	11	+	19	4	15	+	5.46407	0.00007
17	2	15	+	15	4	11	+	5.46620	0.00001
9	8	1	-	8	8	1	-	5.48282	0.00033
9	6	3	-	8	6	3	-	5.49026	-0.00017
9	5	4	-	8	5	4	-	5.49499	-0.00024
9	4	5	-	8	4	5	-	5.50214	-0.00013
17	6	11	-	19	4	15	-	5.50387	0.00007
9	5	4	+	8	5	4	+	5.50470	-0.00017
9	6	3	+	8	6	3	+	5.50551	-0.00020
9	4	5	+	8	4	5	+	5.50678	-0.00031
9	8	1	+	8	8	1	+	5.51113	-0.00025
5	3	2	+	3	3	0	+	5.51131	0.00011
5	2	3	-	3	2	1	-	5.52331	-0.00033
9	3	6	+	8	3	6	+	5.53335	-0.00023
9	3	6	-	8	3	6	-	5.53335	-0.00006
3	3	0	+	5	1	4	+	5.53350	0.00028
7	1	6	+	6	1	6	+	5.55514	0.00038
10	2	9	-	9	2	7	-	5.58672	-0.00024
10	2	9	+	9	2	7	+	5.59638	0.00000
28	4	25	-	26	6	21	-	5.62824	-0.00003
28	4	25	+	26	6	21	+	5.65603	-0.00028
22	5	18	-	23	3	20	-	5.67927	0.00006
22	5	18	+	23	3	20	+	5.67927	-0.00010
5	1	4	+	3	1	2	+	5.71886	-0.00034
26	8	19	-	28	6	23	-	5.77675	0.00003
5	0	5	+	5	2	3	+	5.81333	0.00036
35	10	25	+	37	8	29	+	5.85686	0.00012
9	2	7	+	8	2	7	+	5.92436	0.00010

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
9	2	7	—	8	2	7	—	5.93639	-0.00016
33	2	31	+	32	4	29	+	6.04108	0.00000
7	0	7	+	7	2	5	+	6.06266	0.00014
10	9	2	—	9	9	0	—	6.09397	-0.00021
10	8	3	—	9	8	1	—	6.09712	-0.00020
10	3	8	—	9	3	6	—	6.09838	-0.00014
10	7	4	—	9	7	2	—	6.10072	0.00001
10	6	5	—	9	6	3	—	6.10457	-0.00004
10	5	6	—	9	5	4	—	6.10953	-0.00012
10	6	5	+	9	6	3	+	6.11624	-0.00013
10	4	7	—	9	4	5	—	6.11635	-0.00032
10	7	4	+	9	7	2	+	6.11770	-0.00010
10	4	7	+	9	4	5	+	6.11963	-0.00023
10	8	3	+	9	8	1	+	6.12027	-0.00010
10	9	2	+	9	9	0	+	6.12367	-0.00009
46	8	39	—	44	10	35	—	6.13466	0.00035
14	4	11	+	15	2	13	+	6.20341	-0.00006
14	4	11	—	15	2	13	—	6.21650	-0.00010
12	5	8	+	14	3	12	+	6.24818	-0.00008
21	7	14	+	23	5	18	+	6.26322	-0.00003
12	2	11	—	11	2	9	—	6.29345	-0.00038
12	5	8	—	14	3	12	—	6.30085	-0.00016
21	7	14	—	23	5	18	—	6.30358	0.00004
12	2	11	+	11	2	9	+	6.31017	-0.00027
6	1	6	—	4	1	4	—	6.39456	0.00012
6	1	6	+	4	1	4	+	6.39456	-0.00021
27	4	23	+	25	6	19	+	6.44325	0.00001
30	9	22	+	32	7	26	+	6.45111	0.00003
7	4	3	—	9	2	7	—	6.45489	0.00036
6	3	4	+	7	1	6	+	6.47270	-0.00012
6	3	4	—	7	1	6	—	6.51291	0.00011
22	2	21	—	21	2	19	—	6.55067	0.00026
39	11	28	+	41	9	32	+	6.56345	-0.00028
39	11	28	—	41	9	32	—	6.59948	-0.00009
35	0	35	—	33	2	31	—	6.68833	-0.00030
11	10	1	—	10	10	1	—	6.70617	-0.00009
11	9	2	—	10	9	2	—	6.70869	-0.00006
11	7	4	—	10	7	4	—	6.71452	-0.00014
11	6	5	—	10	6	5	—	6.71837	-0.00027
11	5	6	—	10	5	6	—	6.72391	-0.00040
11	6	5	+	10	6	5	+	6.72737	-0.00038
11	7	4	+	10	7	4	+	6.72820	-0.00005
11	5	6	+	10	5	6	+	6.72938	-0.00014
11	8	3	+	10	8	3	+	6.73002	-0.00009
6	3	4	+	4	3	2	+	6.73004	-0.00018
11	9	2	+	10	9	2	+	6.73292	0.00002
6	4	3	+	4	4	1	+	6.73514	0.00016
11	4	7	—	10	4	7	—	6.73543	-0.00033
11	10	1	+	10	10	1	+	6.73618	-0.00021
11	4	7	+	10	4	7	+	6.73729	-0.00026
14	2	13	+	13	2	11	+	6.78985	0.00029
36	7	30	—	37	5	32	—	6.80660	0.00010
11	3	8	+	10	3	8	+	6.81476	-0.00027
11	3	8	—	10	3	8	—	6.81773	-0.00023
36	7	30	+	37	5	32	+	6.81885	-0.00002
42	7	36	—	40	9	32	—	6.89092	-0.00010
16	6	11	+	18	4	15	+	6.90714	0.00023
16	6	11	—	18	4	15	—	6.95418	-0.00025
25	8	17	+	27	6	21	+	7.01372	-0.00012
25	8	17	—	27	6	21	—	7.05389	-0.00019
9	3	6	+	10	1	10	+	7.05553	0.00026
18	2	17	+	17	2	15	+	7.05788	-0.00029
34	10	25	+	36	8	29	+	7.15882	-0.00005
34	10	25	—	36	8	29	—	7.19651	-0.00009
24	2	23	—	22	4	19	—	7.21272	-0.00028
43	12	31	+	45	10	35	+	7.25729	-0.00028
12	3	10	—	11	3	8	—	7.27323	-0.00021
12	3	10	+	11	3	8	+	7.27472	-0.00005
11	5	6	+	13	3	10	+	7.28374	0.00032
12	11	2	—	11	11	0	—	7.31867	-0.00006
12	9	4	—	11	9	2	—	7.32263	-0.00013
12	7	6	—	11	7	4	—	7.32833	-0.00009

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
12	6	7	—	11	6	5	—	7.33257	-0.00013
28	6	23	—	29	4	25	—	7.33564	-0.00022
11	5	6	—	13	3	10	—	7.33627	0.00015
12	5	8	—	11	5	6	—	7.33919	-0.00001
28	6	23	+	29	4	25	+	7.33976	-0.00002
12	9	4	+	11	9	2	+	7.34257	-0.00011
12	5	8	+	11	5	6	+	7.34282	-0.00013
12	10	3	+	11	10	1	+	7.34551	-0.00018
12	4	9	—	11	4	7	—	7.34721	-0.00008
12	11	2	+	11	11	0	+	7.34903	-0.00030
19	4	15	+	20	2	19	+	7.40174	-0.00029
11	0	11	—	11	2	9	—	7.49386	-0.00029
23	4	19	+	24	2	23	+	7.57620	0.00009
9	1	8	+	8	1	8	+	7.59503	-0.00031
11	2	9	—	10	2	9	—	7.61505	-0.00012
9	1	8	—	8	1	8	—	7.62966	-0.00031
20	7	14	—	22	5	18	—	7.65402	0.00005
29	5	24	—	30	3	28	—	7.70476	-0.00004
45	7	38	—	46	5	42	—	7.70706	-0.00017
29	9	20	+	31	7	24	+	7.73915	0.00016
37	6	31	+	38	4	35	+	7.74061	0.00001
27	5	22	+	28	3	26	+	7.74113	-0.00018
20	5	16	+	21	3	18	+	7.76557	-0.00002
20	5	16	—	21	3	18	—	7.77204	-0.00019
29	9	20	—	31	7	24	—	7.77889	-0.00010
17	4	13	+	18	2	17	+	7.78398	-0.00002
27	5	22	—	28	3	26	—	7.79143	-0.00006
7	0	7	+	5	0	5	+	7.79348	-0.00022
7	0	7	—	5	0	5	—	7.79681	-0.00031
23	3	20	+	21	5	16	+	7.81860	0.00003
23	3	20	—	21	5	16	—	7.82004	-0.00015
35	6	29	+	36	4	33	+	7.84488	0.00001
35	6	29	—	36	4	33	—	7.89279	0.00011
31	5	26	+	32	3	30	+	7.92828	0.00012
13	12	1	—	12	12	1	—	7.93150	-0.00012
13	11	2	—	12	11	2	—	7.93305	0.00012
13	10	3	—	12	10	3	—	7.93416	-0.00033
13	9	4	—	12	9	4	—	7.93630	-0.00010
47	7	40	+	48	5	44	+	7.93799	-0.00023
13	8	5	—	12	8	5	—	7.93865	-0.00018
13	7	6	—	12	7	6	—	7.94180	-0.00034
15	1	14	—	13	3	10	—	7.94300	-0.00038
7	3	4	—	5	3	2	—	7.94619	-0.00029
13	6	7	—	12	6	7	—	7.94666	-0.00030
13	7	6	+	12	7	6	+	7.95078	-0.00012
13	8	5	+	12	8	5	+	7.95094	-0.00036
13	6	7	+	12	6	7	+	7.95219	-0.00024
13	9	4	+	12	9	4	+	7.95277	-0.00020
7	3	4	+	5	3	2	+	7.95774	-0.00020
15	1	14	+	13	3	10	+	7.96119	-0.00006
13	12	1	+	12	12	1	+	7.96233	-0.00029
34	5	30	—	32	7	26	—	7.96975	0.00004
30	4	27	—	28	6	23	—	7.97061	0.00035
31	5	26	—	32	3	30	—	7.99773	0.00017
6	4	3	+	8	2	7	+	8.03752	0.00019
12	4	9	—	13	2	11	—	8.04023	-0.00011
7	2	5	+	5	2	3	+	8.04306	-0.00018
7	2	5	—	5	2	3	—	8.04446	-0.00021
4	3	2	—	5	1	4	—	8.05086	-0.00019
15	6	9	+	17	4	13	+	8.09849	0.00007
15	6	9	—	17	4	13	—	8.14785	-0.00040
25	5	20	+	26	3	24	+	8.15030	-0.00031
4	2	3	+	3	0	3	+	8.15520	0.00017
13	3	10	+	12	3	10	+	8.16520	0.00000
13	3	10	—	12	3	10	—	8.17143	-0.00034
25	5	20	—	26	3	24	—	8.19447	-0.00002
4	2	3	—	3	0	3	—	8.19816	-0.00040
7	1	6	+	5	1	4	+	8.24169	0.00031
25	4	21	+	26	2	25	+	8.24722	0.00035
33	5	28	—	31	7	24	—	8.26876	0.00004
41	7	34	—	42	5	38	—	8.27948	0.00015
26	2	25	—	24	4	21	—	8.29316	-0.00006

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
24	8	17	—	26	6	21	—	8.36597	-0.00007
15	4	11	+	16	2	15	+	8.40167	-0.00008
5	3	2	—	6	1	6	—	8.43322	0.00032
15	4	11	—	16	2	15	—	8.44807	0.00002
19	2	17	—	17	4	13	—	8.53469	0.00040
19	2	17	+	17	4	13	+	8.53799	0.00031
19	3	16	+	20	1	20	+	8.54240	0.00031
42	12	31	+	44	10	35	+	8.54393	-0.00033
14	13	2	—	13	13	0	—	8.54500	0.00004
14	12	3	—	13	12	1	—	8.54555	-0.00015
14	11	4	—	13	11	2	—	8.54650	-0.00020
14	10	5	—	13	10	3	—	8.54796	-0.00006
14	9	6	—	13	9	4	—	8.54968	-0.00014
14	7	8	—	13	7	6	—	8.55580	-0.00013
14	6	9	—	13	6	7	—	8.56131	-0.00019
14	8	7	+	13	8	5	+	8.56229	-0.00031
14	7	8	+	13	7	6	+	8.56288	-0.00010
14	9	6	+	13	9	4	+	8.56358	-0.00011
14	10	5	+	13	10	3	+	8.56560	-0.00021
14	6	9	+	13	6	7	+	8.56561	-0.00006
14	5	10	+	13	5	8	+	8.57208	-0.00011
14	4	11	—	13	4	9	—	8.57547	-0.00023
42	12	31	—	44	10	35	—	8.58192	0.00002
23	0	23	+	21	2	19	+	8.61748	0.00036
33	5	28	+	34	3	32	+	8.64403	0.00015
8	1	8	+	6	1	6	+	8.69803	-0.00025
13	0	13	+	13	2	11	+	8.70255	0.00000
10	5	6	+	12	3	10	+	8.71925	0.00015
33	5	28	—	34	3	32	—	8.72580	0.00007
43	7	36	—	41	9	32	—	8.73861	-0.00033
43	7	36	+	41	9	32	+	8.74967	0.00020
10	5	6	—	12	3	10	—	8.78361	0.00004
23	5	18	+	24	3	22	+	8.81303	0.00016
3	2	1	—	1	0	1	—	8.81859	0.00004
23	5	18	—	24	3	22	—	8.85244	-0.00015
19	7	12	—	21	5	16	—	8.90924	0.00005
31	6	25	—	32	4	29	—	9.01888	-0.00013
28	9	20	+	30	7	24	+	9.03315	0.00014
8	2	7	—	6	2	5	—	9.11809	-0.00028
28	3	26	—	26	5	22	—	9.12861	-0.00010
5	4	1	—	7	2	5	—	9.13454	0.00029
37	11	26	+	39	9	30	+	9.14346	0.00036
15	13	2	—	14	13	2	—	9.15871	-0.00024
15	12	3	—	14	12	3	—	9.15924	-0.00015
15	11	4	—	14	11	4	—	9.16002	-0.00013
15	9	6	—	14	9	6	—	9.16307	-0.00006
15	8	7	—	14	8	7	—	9.16552	-0.00028
15	7	8	—	14	7	8	—	9.16952	-0.00037
8	3	6	—	6	3	4	—	9.17139	-0.00022
15	8	7	+	14	8	7	+	9.17408	-0.00023
15	9	6	+	14	9	6	+	9.17473	-0.00006
15	7	8	+	14	7	8	+	9.17542	-0.00013
15	10	5	+	14	10	5	+	9.17630	-0.00016
15	6	9	—	14	6	9	—	9.17631	-0.00014
8	5	4	+	6	5	2	+	9.17768	-0.00001
15	11	4	+	14	11	4	+	9.17866	-0.00036
15	6	9	+	14	6	9	+	9.17937	-0.00019
15	12	3	+	14	12	3	+	9.18229	0.00002
8	6	3	+	6	6	1	+	9.18337	0.00030
15	13	2	+	14	13	2	+	9.18573	-0.00036
15	5	10	—	14	5	10	—	9.18831	-0.00013
15	14	1	+	14	14	1	+	9.19032	-0.00009
13	4	9	+	14	2	13	+	9.20486	-0.00012
34	7	28	+	35	5	30	+	9.20722	0.00031
15	4	11	—	14	4	11	—	9.23294	-0.00005
13	4	9	—	14	2	13	—	9.25141	-0.00011
16	3	14	—	15	3	12	—	9.34834	-0.00007
16	3	14	+	15	3	12	+	9.35523	-0.00038
6	2	5	+	5	0	5	+	9.41488	0.00028
14	6	9	+	16	4	13	+	9.43425	0.00035
13	2	11	+	12	2	11	+	9.48033	-0.00008
14	6	9	—	16	4	13	—	9.49064	0.00011

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
26	6	21	+	27	4	23	+	9.52648	-0.00006
23	8	15	+	25	6	19	+	9.59562	0.00012
15	3	12	+	14	3	12	+	9.63033	-0.00008
21	5	16	+	22	3	20	+	9.67264	-0.00007
21	5	16	-	22	3	20	-	9.71023	-0.00007
10	4	7	+	11	2	9	+	9.72276	-0.00018
18	5	14	+	19	3	16	+	9.72429	-0.00032
18	5	14	-	19	3	16	-	9.74008	0.00007
16	13	4	-	15	13	2	-	9.77218	-0.00040
16	15	2	-	15	15	0	-	9.77314	0.00007
16	10	7	-	15	10	5	-	9.77440	-0.00012
16	7	10	-	15	7	8	-	9.78378	-0.00030
16	9	8	+	15	9	6	+	9.78608	-0.00016
16	8	9	+	15	8	7	+	9.78635	-0.00005
16	7	10	+	15	7	8	+	9.78832	-0.00026
16	11	6	+	15	11	4	+	9.78958	-0.00005
16	6	11	-	15	6	9	-	9.79171	-0.00006
16	12	5	+	15	12	3	+	9.79255	-0.00006
16	4	13	+	15	4	11	+	9.79301	-0.00031
16	6	11	+	15	6	9	+	9.79389	-0.00012
16	13	4	+	15	13	2	+	9.79623	0.00001
16	5	12	+	15	5	10	+	9.80382	-0.00039
16	5	12	-	15	5	10	-	9.80382	-0.00012
16	15	2	+	15	15	0	+	9.80497	0.00000
11	1	10	+	10	1	10	+	9.80853	-0.00003
29	4	25	+	27	6	21	+	9.86390	-0.00002
41	12	29	-	43	10	33	-	9.86518	0.00040
29	4	25	-	27	6	21	-	9.87009	0.00017
9	5	4	+	11	3	8	+	9.87751	0.00040
29	6	23	-	30	4	27	-	9.92790	-0.00001
37	7	30	+	38	5	34	+	9.94846	-0.00018
37	7	30	-	38	5	34	-	9.97682	-0.00025
21	3	18	+	22	1	22	+	9.98989	0.00028
13	1	12	+	13	3	10	+	9.99256	-0.00029
13	1	12	-	13	3	10	-	10.01355	-0.00011
15	1	14	+	15	3	12	+	10.04728	0.00001
15	1	14	-	15	3	12	-	10.07290	-0.00019
9	0	9	+	7	0	7	+	10.08519	-0.00009
11	4	7	+	12	2	11	+	10.14988	-0.00018
18	7	12	+	20	5	16	+	10.15806	-0.00007
11	1	10	+	11	3	8	+	10.16102	-0.00028
32	4	29	-	30	6	25	-	10.18263	0.00037
11	4	7	-	12	2	11	-	10.19988	0.00000
18	7	12	-	20	5	16	-	10.21018	-0.00030
32	4	29	+	30	6	25	+	10.21298	0.00029
27	9	18	+	29	7	22	+	10.31162	0.00020
27	9	18	-	29	7	22	-	10.35649	-0.00001
9	6	3	-	7	6	1	-	10.36626	0.00005
9	5	4	-	7	5	2	-	10.37581	-0.00013
17	12	5	-	16	12	5	-	10.38565	-0.00031
17	13	4	-	16	13	4	-	10.38599	0.00006
17	14	3	-	16	14	3	-	10.38621	-0.00007
17	10	7	-	16	10	7	-	10.38760	-0.00003
17	16	1	-	16	16	1	-	10.38761	-0.00028
9	4	5	-	7	4	3	-	10.38851	-0.00038
17	9	8	-	16	9	8	-	10.38947	-0.00022
17	8	9	-	16	8	9	-	10.39294	-0.00014
17	9	8	+	16	9	8	+	10.39776	-0.00024
17	7	10	-	16	7	10	-	10.39821	-0.00036
17	8	9	+	16	8	9	+	10.39857	-0.00031
17	11	6	+	16	11	6	+	10.40045	-0.00007
9	4	5	+	7	4	3	+	10.40092	0.00003
17	7	10	+	16	7	10	+	10.40194	-0.00016
17	12	5	+	16	12	5	+	10.40318	-0.00004
17	13	4	+	16	13	4	+	10.40665	0.00004
17	6	11	-	16	6	11	-	10.40770	-0.00005
17	14	3	+	16	14	3	+	10.41069	0.00009
17	15	2	+	16	15	2	+	10.41500	-0.00008
17	16	1	+	16	16	1	+	10.42015	0.00014
9	3	6	-	7	3	4	-	10.42067	-0.00029
9	3	6	+	7	3	4	+	10.42373	-0.00008
36	11	26	+	38	9	30	+	10.42451	-0.00032

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
17	5	12	+	16	5	12	+	10.42590	-0.00012
36	11	26	-	38	9	30	-	10.46655	0.00030
9	1	8	-	9	3	6	-	10.47119	-0.00024
28	3	26	-	27	3	24	-	10.48697	-0.00031
17	4	13	-	16	4	13	-	10.51865	-0.00008
9	2	7	-	7	2	5	-	10.60752	-0.00027
13	6	7	+	15	4	11	+	10.66166	0.00012
19	5	14	+	20	3	18	+	10.68125	-0.00006
34	2	33	-	32	4	29	-	10.69521	0.00000
20	3	18	+	19	3	16	+	10.71362	0.00002
19	5	14	-	20	3	18	-	10.71843	-0.00032
9	1	8	+	7	1	6	+	10.73914	0.00028
8	2	7	+	7	0	7	+	10.73962	0.00004
7	1	6	-	7	3	4	-	10.79668	-0.00019
22	8	15	+	24	6	19	+	10.87844	0.00002
48	9	40	-	49	7	42	-	10.91298	-0.00029
22	8	15	-	24	6	19	-	10.92809	-0.00001
27	6	21	+	28	4	25	+	10.96490	0.00010
18	4	15	-	17	4	13	-	10.98525	-0.00034
18	4	15	+	17	4	13	+	10.98525	-0.00026
10	1	10	-	8	1	8	-	10.98654	-0.00024
22	3	20	-	21	3	18	-	10.99171	-0.00009
27	6	21	-	28	4	25	-	10.99564	-0.00004
18	11	8	-	17	11	6	-	10.99938	-0.00009
18	14	5	-	17	14	3	-	10.99945	-0.00016
18	15	4	-	17	15	2	-	11.00024	-0.00028
18	10	9	-	17	10	7	-	11.00050	-0.00022
18	16	3	-	17	16	1	-	11.00147	-0.00028
18	9	10	-	17	9	8	-	11.00309	0.00004
18	8	11	-	17	8	9	-	11.00677	-0.00019
18	10	9	+	17	10	7	+	11.00997	-0.00025
18	9	10	+	17	9	8	+	11.01003	-0.00004
18	11	8	+	17	11	6	+	11.01158	-0.00007
18	8	11	+	17	8	9	+	11.01163	-0.00009
18	7	12	-	17	7	10	-	11.01335	-0.00003
18	12	7	+	17	12	5	+	11.01403	-0.00003
18	7	12	+	17	7	10	+	11.01606	-0.00003
22	3	20	+	21	3	18	+	11.01991	-0.00030
18	14	5	+	17	14	3	+	11.02090	-0.00016
18	6	13	-	17	6	11	-	11.02391	-0.00009
18	6	13	+	17	6	11	+	11.02481	-0.00006
18	15	4	+	17	15	2	+	11.02523	-0.00021
29	4	25	-	30	2	29	-	11.02675	0.00020
18	16	3	+	17	16	1	+	11.03016	-0.00013
24	3	22	-	23	3	20	-	11.03693	-0.00039
18	5	14	+	17	5	12	+	11.03772	-0.00037
5	1	4	+	5	3	2	+	11.04481	0.00039
35	7	28	+	36	5	32	+	11.07522	-0.00014
42	2	41	-	40	4	37	-	11.14692	0.00010
8	5	4	+	10	3	8	+	11.18748	0.00021
25	3	22	-	23	5	18	-	11.19022	0.00033
40	2	39	+	38	4	35	+	11.21728	0.00009
19	1	18	+	19	3	16	+	11.24146	-0.00016
3	1	2	+	3	3	0	+	11.25236	-0.00006
9	4	5	-	10	2	9	-	11.25633	-0.00013
8	4	5	+	9	2	7	+	11.28899	-0.00017
8	4	5	-	9	2	7	-	11.34126	0.00011
32	7	26	-	33	5	28	-	11.39981	-0.00013
17	7	10	+	19	5	14	+	11.41311	-0.00019
21	2	19	-	19	4	15	-	11.48811	0.00015
16	5	12	+	17	3	14	+	11.52066	-0.00011
24	6	19	+	25	4	21	+	11.53120	-0.00007
16	5	12	-	17	3	14	-	11.54634	-0.00003
15	2	13	+	14	2	13	+	11.57682	-0.00023
19	13	6	-	18	13	6	-	11.61171	-0.00033
19	11	8	-	18	11	8	-	11.61232	-0.00009
19	14	5	-	18	14	5	-	11.61244	-0.00028
19	10	9	-	18	10	9	-	11.61363	-0.00020
19	15	4	-	18	15	4	-	11.61378	-0.00005
19	16	3	-	18	16	3	-	11.61557	0.00026
19	9	10	-	18	9	10	-	11.61623	-0.00029
19	17	2	-	18	17	2	-	11.61697	-0.00012

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
10	4	7	—	8	4	5	—	11.61878	-0.00016
19	18	1	—	18	18	1	—	11.61920	0.00005
19	8	11	—	18	8	11	—	11.62102	-0.00005
10	5	6	+	8	5	4	+	11.62140	-0.00022
19	10	9	+	18	10	9	+	11.62195	-0.00004
10	6	5	+	8	6	3	+	11.62221	0.00012
19	11	8	+	18	11	8	+	11.62290	-0.00010
19	12	7	+	18	12	7	+	11.62471	-0.00040
19	8	11	+	18	8	11	+	11.62490	-0.00003
19	13	6	+	18	13	6	+	11.62787	-0.00019
19	7	12	—	18	7	12	—	11.62850	-0.00008
19	7	12	+	18	7	12	+	11.63027	-0.00031
10	3	8	+	8	3	6	+	11.63289	-0.00025
19	15	4	+	18	15	4	+	11.63562	-0.00037
26	9	18	—	28	7	22	—	11.63654	-0.00024
19	16	3	+	18	16	3	+	11.64037	-0.00039
19	6	13	+	18	6	13	+	11.64141	-0.00036
19	6	13	—	18	6	13	—	11.64141	-0.00005
19	18	1	+	18	18	1	+	11.65199	0.00034
19	5	14	+	18	5	14	+	11.67017	-0.00014
19	5	14	—	18	5	14	—	11.67150	-0.00028
35	5	30	+	33	7	26	+	11.69821	-0.00006
35	11	24	—	37	9	28	—	11.74432	0.00024
4	1	4	—	4	3	2	—	11.77942	0.00034
17	5	12	+	18	3	16	+	11.79611	-0.00010
17	5	12	—	18	3	16	—	11.83533	-0.00014
19	4	15	+	18	4	15	+	11.85202	-0.00014
19	4	15	—	18	4	15	—	11.85807	-0.00031
12	6	7	+	14	4	11	+	11.94017	-0.00010
12	6	7	—	14	4	11	—	12.00913	0.00018
6	1	6	+	6	3	4	+	12.02784	0.00026
6	1	6	—	6	3	4	—	12.09540	0.00008
20	4	17	—	19	4	15	—	12.12271	-0.00010
20	4	17	+	19	4	15	+	12.12414	-0.00037
25	6	19	+	26	4	23	+	12.14588	0.00007
13	1	12	+	12	1	12	+	12.15901	-0.00030
25	6	19	—	26	4	23	—	12.17676	-0.00007
21	8	13	—	23	6	17	—	12.19658	-0.00001
10	2	9	—	9	0	9	—	12.20522	-0.00011
20	13	8	—	19	13	6	—	12.22477	-0.00011
20	11	10	—	19	11	8	—	12.22530	-0.00003
20	14	7	—	19	14	5	—	12.22562	-0.00004
20	10	11	—	19	10	9	—	12.22696	-0.00003
20	16	5	—	19	16	3	—	12.22855	-0.00007
20	9	12	—	19	9	10	—	12.22997	-0.00015
20	18	3	—	19	18	1	—	12.23274	-0.00027
20	10	11	+	19	10	9	+	12.23388	-0.00012
20	9	12	+	19	9	10	+	12.23504	-0.00005
20	8	13	—	19	8	11	—	12.23534	-0.00009
20	19	2	—	19	19	0	—	12.23585	0.00021
20	8	13	+	19	8	11	+	12.23840	-0.00012
20	14	7	+	19	14	5	+	12.24250	-0.00005
20	7	14	—	19	7	12	—	12.24409	-0.00008
20	7	14	+	19	7	12	+	12.24545	-0.00012
20	15	6	+	19	15	4	+	12.24644	-0.00026
20	16	5	+	19	16	3	+	12.25115	-0.00025
20	6	15	—	19	6	13	—	12.25809	-0.00039
20	6	15	+	19	6	13	+	12.25809	-0.00024
20	19	2	+	19	19	0	+	12.26858	0.00029
20	5	16	+	19	5	14	+	12.27101	-0.00025
20	5	16	—	19	5	14	—	12.27230	-0.00022
30	10	21	+	32	8	25	+	12.28736	0.00009
33	7	26	+	34	5	30	+	12.31914	0.00005
7	4	3	+	8	2	7	+	12.31938	-0.00024
33	7	26	—	34	5	30	—	12.34478	0.00013
7	4	3	—	8	2	7	—	12.39131	0.00023
7	5	2	+	9	3	6	+	12.39334	0.00035
39	12	27	—	41	10	31	—	12.41782	0.00024
7	5	2	—	9	3	6	—	12.48781	-0.00009
8	1	8	+	8	3	6	+	12.50741	-0.00027
21	1	20	—	21	3	18	—	12.55841	0.00021
16	7	10	+	18	5	14	+	12.68189	0.00038

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
6	4	3	+	7	2	5	+	12.71446	0.00007
16	7	10	—	18	5	14	—	12.74298	0.00015
6	4	3	—	7	2	5	—	12.79048	-0.00005
11	7	4	—	9	7	2	—	12.81537	0.00000
21	13	8	—	20	13	8	—	12.83723	-0.00040
21	12	9	—	20	12	9	—	12.83723	-0.00027
21	11	10	—	20	11	10	—	12.83800	-0.00026
21	14	7	—	20	14	7	—	12.83822	-0.00024
21	15	6	—	20	15	6	—	12.83981	-0.00005
21	16	5	—	20	16	5	—	12.84144	-0.00028
21	9	12	—	20	9	12	—	12.84392	0.00003
21	17	4	—	20	17	4	—	12.84412	0.00014
21	11	10	+	20	11	10	+	12.84593	-0.00037
21	10	11	+	20	10	11	+	12.84610	-0.00014
21	18	3	—	20	18	3	—	12.84627	-0.00032
21	9	12	+	20	9	12	+	12.84763	-0.00040
21	13	8	+	20	13	8	+	12.84979	-0.00040
21	8	13	—	20	8	13	—	12.84990	-0.00017
21	8	13	+	20	8	13	+	12.85224	-0.00025
11	4	7	—	9	4	5	—	12.85229	-0.00014
21	20	1	—	20	20	1	—	12.85271	-0.00001
25	9	16	+	27	7	20	+	12.85706	-0.00004
11	4	7	+	9	4	5	+	12.85720	-0.00022
21	15	6	+	20	15	6	+	12.85768	0.00014
21	7	14	—	20	7	14	—	12.85993	-0.00034
21	16	5	+	20	16	5	+	12.86205	-0.00013
21	17	4	+	20	17	4	+	12.86739	0.00005
21	18	3	+	20	18	3	+	12.87289	-0.00009
21	6	15	+	20	6	15	+	12.87742	-0.00025
21	19	2	+	20	19	2	+	12.87870	-0.00034
31	4	27	+	32	2	31	+	12.89521	0.00028
25	9	16	—	27	7	20	—	12.90788	0.00009
11	3	8	+	9	3	6	+	12.91435	-0.00024
11	3	8	—	9	3	6	—	12.91629	-0.00019
38	5	34	+	36	7	30	+	12.91656	0.00004
21	5	16	+	20	5	16	+	12.92715	-0.00019
21	5	16	—	20	5	16	—	12.92969	-0.00018
15	5	10	+	16	3	14	+	12.98104	-0.00019
54	10	45	—	55	8	47	—	13.01715	0.00029
15	5	10	—	16	3	14	—	13.02412	-0.00024
19	3	16	+	18	3	16	+	13.10959	-0.00010
14	5	10	+	15	3	12	+	13.14746	-0.00009
22	4	19	—	21	4	17	—	13.16315	-0.00031
46	9	38	—	47	7	40	—	13.16787	0.00013
22	4	19	+	21	4	17	+	13.16811	0.00009
11	6	5	+	13	4	9	+	13.17616	0.00013
14	5	10	—	15	3	12	—	13.18420	-0.00013
11	1	10	—	9	1	8	—	13.20618	0.00030
11	6	5	—	13	4	9	—	13.25210	0.00016
12	1	12	+	10	1	10	+	13.25754	-0.00013
21	4	17	+	20	4	17	+	13.27918	0.00011
21	4	17	—	20	4	17	—	13.28898	-0.00011
22	6	17	+	23	4	19	+	13.34447	-0.00010
30	7	24	+	31	5	26	+	13.37638	-0.00006
30	7	24	—	31	5	26	—	13.38854	-0.00003
23	6	17	+	24	4	21	+	13.39952	-0.00034
21	1	20	+	19	3	16	+	13.39992	0.00008
20	8	13	+	22	6	17	+	13.40929	0.00026
31	4	27	+	29	6	23	+	13.41568	0.00039
31	4	27	—	29	6	23	—	13.42760	0.00039
23	6	17	—	24	4	21	—	13.43249	-0.00001
22	13	10	—	21	13	8	—	13.45011	-0.00019
22	12	11	—	21	12	9	—	13.45019	-0.00006
22	11	12	—	21	11	10	—	13.45117	-0.00005
22	15	8	—	21	15	6	—	13.45250	-0.00013
22	16	7	—	21	16	5	—	13.45443	-0.00021
22	17	6	—	21	17	4	—	13.45687	-0.00022
22	9	14	—	21	9	12	—	13.45748	-0.00037
22	10	13	+	21	10	11	+	13.45863	-0.00007
22	12	11	+	21	12	9	+	13.45916	-0.00010
22	18	5	—	21	18	3	—	13.45978	-0.00016
22	9	14	+	21	9	12	+	13.46115	-0.00012

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
22	13	10	+	21	13	8	+	13.46144	-0.00002
22	14	9	+	21	14	7	+	13.46449	-0.00010
22	8	15	-	21	8	13	-	13.46489	-0.00013
20	8	13	-	22	6	17	-	13.46582	-0.00003
22	8	15	+	21	8	13	+	13.46673	-0.00012
22	15	8	+	21	15	6	+	13.46815	-0.00034
22	16	7	+	21	16	5	+	13.47320	0.00015
22	7	16	+	21	7	14	+	13.47674	-0.00040
22	18	5	+	21	18	3	+	13.48369	-0.00013
22	19	4	+	21	19	2	+	13.49010	0.00019
22	6	17	+	21	6	15	+	13.49421	-0.00005
22	6	17	-	21	6	15	-	13.49508	-0.00010
22	5	18	+	21	5	16	+	13.49758	-0.00036
22	5	18	-	21	5	16	-	13.49927	-0.00013
5	4	1	-	6	2	5	-	13.58116	-0.00022
29	10	19	-	31	8	23	-	13.60474	0.00029
31	7	24	+	32	5	28	+	13.63950	-0.00001
31	7	24	-	32	5	28	-	13.66577	0.00007
4	3	2	+	3	1	2	+	13.70313	-0.00006
4	3	2	-	3	1	2	-	13.77554	-0.00027
47	9	38	-	48	7	42	-	13.79031	-0.00005
23	2	21	+	23	4	19	+	13.79317	-0.00029
12	2	11	+	10	2	9	+	13.90754	0.00031
12	2	11	-	10	2	9	-	13.90903	0.00003
21	2	19	-	21	4	17	-	13.92364	-0.00031
15	7	8	+	17	5	12	+	13.93129	0.00027
15	7	8	-	17	5	12	-	13.99752	0.00000
12	10	3	-	10	10	1	-	14.02661	-0.00027
12	7	6	-	10	7	4	-	14.04312	0.00004
12	6	7	-	10	6	5	-	14.05099	-0.00035
24	4	21	-	23	4	19	-	14.05280	-0.00031
23	13	10	-	22	13	10	-	14.06270	-0.00023
23	12	11	-	22	12	11	-	14.06287	-0.00013
12	5	8	-	10	5	6	-	14.06339	-0.00013
25	2	23	+	25	4	21	+	14.06347	0.00026
23	14	9	-	22	14	9	-	14.06386	0.00012
23	11	12	-	22	11	12	-	14.06400	-0.00024
23	15	8	-	22	15	8	-	14.06512	-0.00016
23	10	13	-	22	10	13	-	14.06701	-0.00002
23	16	7	-	22	16	7	-	14.06731	-0.00009
12	7	6	+	10	7	4	+	14.06774	0.00018
23	11	12	+	22	11	12	+	14.06992	-0.00040
12	8	5	+	10	8	3	+	14.07045	-0.00011
23	10	13	+	22	10	13	+	14.07132	-0.00007
23	9	14	-	22	9	14	-	14.07199	-0.00003
12	5	8	+	10	5	6	+	14.07220	-0.00027
23	13	10	+	22	13	10	+	14.07260	-0.00024
23	18	5	-	22	18	5	-	14.07312	0.00005
23	9	14	+	22	9	14	+	14.07475	-0.00005
23	14	9	+	22	14	9	+	14.07569	-0.00008
23	19	4	-	22	19	4	-	14.07611	-0.00039
23	8	15	-	22	8	15	-	14.08027	-0.00004
23	8	15	+	22	8	15	+	14.08162	0.00000
12	10	3	+	10	10	1	+	14.08204	-0.00004
12	4	9	-	10	4	7	-	14.08288	-0.00017
12	4	9	+	10	4	7	+	14.08564	-0.00023
23	17	6	+	22	17	6	+	14.08906	-0.00005
12	3	10	+	10	3	8	+	14.08975	-0.00005
36	4	33	-	34	6	29	-	14.08997	-0.00032
12	3	10	-	10	3	8	-	14.09138	-0.00002
23	7	16	+	22	7	16	+	14.09380	-0.00012
23	7	16	-	22	7	16	-	14.09380	-0.00016
23	19	4	+	22	19	4	+	14.10066	-0.00020
23	20	3	+	22	20	3	+	14.10774	0.00032
23	21	2	+	22	21	2	+	14.11446	0.00008
23	6	17	+	22	6	17	+	14.11757	-0.00038
23	6	17	-	22	6	17	-	14.11932	-0.00001
36	4	33	+	34	6	29	+	14.13057	-0.00008
24	9	16	-	26	7	20	-	14.17580	0.00017
23	5	18	+	22	5	18	+	14.20683	-0.00005
23	2	21	-	21	4	17	-	14.20971	-0.00029
23	5	18	-	22	5	18	-	14.21061	-0.00008

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
33	11	22	+	35	9	26	+	14.23890	-0.00011
13	5	8	-	14	3	12	-	14.25582	-0.00014
23	1	22	+	21	3	18	+	14.31770	-0.00001
42	13	30	-	44	11	34	-	14.34284	-0.00034
10	6	5	+	12	4	9	+	14.42492	0.00006
3	3	0	+	1	1	0	+	14.43631	-0.00015
10	6	5	-	12	4	9	-	14.51038	0.00032
12	5	8	+	13	3	10	+	14.62624	-0.00013
24	13	12	-	23	13	10	-	14.67524	-0.00027
12	5	8	-	13	3	10	-	14.67527	-0.00005
24	12	13	-	23	12	11	-	14.67574	-0.00002
24	11	14	-	23	11	12	-	14.67715	-0.00016
24	15	10	-	23	15	8	-	14.67781	0.00000
24	16	9	-	23	16	7	-	14.67991	-0.00011
24	10	15	-	23	10	13	-	14.68053	-0.00009
24	11	14	+	23	11	12	+	14.68238	-0.00021
24	12	13	+	23	12	11	+	14.68273	-0.00002
24	10	15	+	23	10	13	+	14.68421	-0.00010
24	9	16	-	23	9	14	-	14.68638	-0.00004
24	14	11	+	23	14	9	+	14.68707	0.00003
24	9	16	+	23	9	14	+	14.68862	-0.00001
24	19	6	-	23	19	4	-	14.68927	-0.00038
24	15	10	+	23	15	8	+	14.69067	0.00001
24	20	5	-	23	20	3	-	14.69355	-0.00012
21	6	15	+	22	4	19	+	14.69474	-0.00030
24	16	9	+	23	16	7	+	14.69490	-0.00014
24	8	17	-	23	8	15	-	14.69592	-0.00003
24	21	4	-	23	21	2	-	14.69804	0.00001
24	22	3	-	23	22	1	-	14.70285	0.00015
24	5	20	-	23	5	18	-	14.70783	-0.00021
24	19	6	+	23	19	4	+	14.71167	-0.00019
6	3	4	+	5	1	4	+	14.71443	0.00023
24	20	5	+	23	20	3	+	14.71871	0.00024
19	8	11	-	21	6	15	-	14.72570	0.00009
21	6	15	-	22	4	19	-	14.73063	-0.00004
24	6	19	+	23	6	17	+	14.73185	-0.00016
24	22	3	+	23	22	1	+	14.73284	-0.00012
26	4	23	-	25	4	21	-	14.73338	-0.00038
24	6	19	-	23	6	17	-	14.73346	-0.00005
26	4	23	+	25	4	21	+	14.74969	-0.00031
28	10	19	+	30	8	23	+	14.81974	0.00020
34	4	31	-	33	4	29	-	14.82048	-0.00039
17	2	15	+	17	4	13	+	14.84197	-0.00020
23	4	19	+	22	4	19	+	14.84466	-0.00007
27	2	25	-	27	4	23	-	14.85119	0.00027
34	4	31	+	33	4	29	+	14.86826	-0.00011
20	6	15	+	21	4	17	+	14.98538	-0.00001
29	7	22	+	30	5	26	+	15.00321	-0.00008
14	1	14	+	14	3	12	+	15.01509	-0.00028
20	6	15	-	21	4	17	-	15.01574	-0.00010
29	7	22	-	30	5	26	-	15.03111	-0.00014
47	7	40	+	45	9	36	+	15.11483	0.00013
52	10	43	+	53	8	45	+	15.14137	-0.00037
28	4	25	-	27	4	23	-	15.15846	-0.00024
28	7	22	+	29	5	24	+	15.16556	-0.00003
14	7	8	+	16	5	12	+	15.18148	-0.00001
28	7	22	-	29	5	24	-	15.18546	-0.00011
21	3	18	+	20	3	18	+	15.18685	-0.00013
44	9	36	-	45	7	38	-	15.20614	0.00016
32	4	29	+	31	4	27	+	15.22398	0.00040
14	7	8	-	16	5	12	-	15.25431	0.00025
13	10	3	-	11	10	1	-	15.25546	0.00035
45	9	36	+	46	7	40	+	15.25978	0.00008
13	7	6	-	11	7	4	-	15.27062	0.00007
45	9	36	-	46	7	40	-	15.27772	-0.00018
13	6	7	-	11	6	5	-	15.27942	-0.00025
25	13	12	-	24	13	12	-	15.28811	0.00004
25	12	13	-	24	12	13	-	15.28835	-0.00020
25	14	11	-	24	14	11	-	15.28862	-0.00010
25	15	10	-	24	15	10	-	15.29007	-0.00018
25	11	14	-	24	11	14	-	15.29049	0.00002
13	8	5	+	11	8	3	+	15.29143	-0.00033

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
13	6	7	+	11	6	5	+	15.29193	-0.00028
25	16	9	-	24	16	9	-	15.29249	-0.00002
13	5	8	-	11	5	6	-	15.29376	-0.00039
25	10	15	-	24	10	15	-	15.29420	-0.00017
25	12	13	+	24	12	13	+	15.29491	0.00022
25	11	14	+	24	11	14	+	15.29496	-0.00007
25	17	8	-	24	17	8	-	15.29548	0.00010
25	13	12	+	24	13	12	+	15.29568	-0.00024
25	10	15	+	24	10	15	+	15.29727	-0.00018
25	14	11	+	24	14	11	+	15.29840	0.00002
25	18	7	-	24	18	7	-	15.29865	-0.00012
13	5	8	+	11	5	6	+	15.30037	-0.00010
25	9	16	-	24	9	16	-	15.30081	-0.00026
25	15	10	+	24	15	10	+	15.30188	0.00005
25	19	6	-	24	19	6	-	15.30262	0.00001
25	9	16	+	24	9	16	+	15.30265	-0.00013
30	4	27	-	29	4	25	-	15.30590	-0.00022
25	17	8	+	24	17	8	+	15.31114	0.00002
25	8	17	-	24	8	17	-	15.31193	-0.00007
25	22	3	-	24	22	3	-	15.31660	0.00017
25	18	7	+	24	18	7	+	15.31674	0.00001
25	19	6	+	24	19	6	+	15.32259	-0.00031
13	4	9	-	11	4	7	-	15.32396	-0.00009
13	4	9	+	11	4	7	+	15.32450	-0.00039
25	20	5	+	24	20	5	+	15.32990	0.00033
25	6	19	+	24	6	19	+	15.36446	-0.00008
25	6	19	-	24	6	19	-	15.36659	-0.00004
15	2	13	+	15	4	11	+	15.43445	-0.00018
23	9	14	-	25	7	18	-	15.43744	0.00012
13	3	10	-	11	3	8	-	15.44507	-0.00014
11	5	6	+	12	3	10	+	15.44863	0.00001
32	11	22	+	34	9	26	+	15.50144	-0.00030
11	5	6	-	12	3	10	-	15.50781	-0.00008
14	1	14	+	12	1	12	+	15.51476	-0.00013
25	5	20	-	24	5	20	-	15.53153	-0.00006
9	6	3	+	11	4	7	+	15.65681	0.00001
8	3	6	-	7	1	6	-	15.68430	-0.00012
42	3	40	-	40	5	36	-	15.73663	-0.00021
13	2	11	+	11	2	9	+	15.79079	-0.00005
26	5	22	+	25	5	20	+	15.87838	-0.00017
26	5	22	-	25	5	20	-	15.87838	-0.00015
26	13	14	-	25	13	12	-	15.90037	-0.00025
26	12	15	-	25	12	13	-	15.90134	-0.00002
26	11	16	-	25	11	14	-	15.90359	-0.00013
26	16	11	-	25	16	9	-	15.90468	-0.00021
26	13	14	+	25	13	12	+	15.90732	-0.00028
26	17	10	-	25	17	8	-	15.90783	-0.00002
26	10	17	-	25	10	15	-	15.90817	-0.00011
26	18	9	-	25	18	7	-	15.91155	0.00018
26	15	12	+	25	15	10	+	15.91299	-0.00007
26	9	18	+	25	9	16	+	15.91698	-0.00026
26	16	11	+	25	16	9	+	15.91724	0.00000
18	8	11	+	20	6	15	+	15.91726	-0.00026
26	17	10	+	25	17	8	+	15.92210	-0.00007
26	21	6	-	25	21	4	-	15.92433	-0.00038
26	18	9	+	25	18	7	+	15.92769	-0.00008
26	8	19	-	25	8	17	-	15.92841	-0.00001
26	8	19	+	25	8	17	+	15.92841	-0.00006
26	19	8	+	25	19	6	+	15.93379	-0.00017
26	7	20	+	25	7	18	+	15.94702	-0.00004
26	7	20	-	25	7	18	-	15.94794	-0.00017
26	21	6	+	25	21	4	+	15.94813	0.00026
26	22	5	+	25	22	3	+	15.95539	-0.00011
26	23	4	+	25	23	2	+	15.96395	0.00040
26	6	21	+	25	6	19	+	15.96976	-0.00002
26	6	21	-	25	6	19	-	15.97164	-0.00005
10	5	6	+	11	3	8	+	15.99370	-0.00017
19	6	13	+	20	4	17	+	16.00642	0.00029
10	5	6	-	11	3	8	-	16.05686	-0.00015
46	3	44	-	44	5	40	-	16.11178	-0.00006
27	10	17	-	29	8	21	-	16.13327	0.00025
14	2	13	+	12	2	11	+	16.27028	0.00031

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
16	1	16	—	16	3	14	—	16.30717	0.00012
7	3	4	+	6	1	6	+	16.31598	0.00025
19	2	17	+	18	2	17	+	16.32191	0.00024
7	3	4	—	6	1	6	—	16.37941	0.00003
27	7	20	—	28	5	24	—	16.41484	-0.00009
13	7	6	+	15	5	10	+	16.42278	0.00006
11	2	9	+	11	4	7	+	16.46024	-0.00025
14	12	3	—	12	12	1	—	16.47752	0.00020
14	11	4	—	12	11	2	—	16.47955	-0.00008
14	10	5	—	12	10	3	—	16.48216	-0.00035
14	9	6	—	12	9	4	—	16.48612	-0.00010
18	6	13	+	19	4	15	+	16.48887	0.00000
11	2	9	—	11	4	7	—	16.49333	-0.00038
14	7	8	—	12	7	6	—	16.49784	-0.00023
13	7	6	—	15	5	10	—	16.50225	0.00018
27	13	14	—	26	13	14	—	16.51314	-0.00003
27	14	13	—	26	14	13	—	16.51329	-0.00020
14	9	6	+	12	9	4	+	16.51672	0.00006
27	16	11	—	26	16	11	—	16.51697	-0.00020
27	11	16	—	26	11	16	—	16.51706	-0.00001
14	6	9	+	12	6	7	+	16.51802	-0.00008
27	12	15	+	26	12	15	+	16.51884	-0.00010
27	13	14	+	26	13	14	+	16.51922	-0.00015
27	11	16	+	26	11	16	+	16.52015	-0.00026
27	14	13	+	26	14	13	+	16.52126	0.00000
27	10	17	—	26	10	17	—	16.52233	-0.00004
27	18	9	—	26	18	9	—	16.52368	-0.00014
27	10	17	+	26	10	17	+	16.52432	-0.00010
27	15	12	+	26	15	12	+	16.52433	0.00000
14	5	10	—	12	5	8	—	16.52531	-0.00016
18	6	13	—	19	4	15	—	16.52780	-0.00001
27	19	8	—	26	19	8	—	16.52808	0.00008
14	5	10	+	12	5	8	+	16.52953	-0.00017
27	9	18	—	26	9	18	—	16.53089	-0.00029
27	21	6	—	26	21	6	—	16.53740	-0.00033
27	18	9	+	26	18	9	+	16.53870	-0.00012
14	3	12	+	12	3	10	+	16.54339	0.00009
27	22	5	—	26	22	5	—	16.54351	0.00032
27	8	19	+	26	8	19	+	16.54495	-0.00009
27	8	19	—	26	8	19	—	16.54495	-0.00038
27	19	8	+	26	19	8	+	16.54501	-0.00001
14	3	12	—	12	3	10	—	16.54575	-0.00033
27	20	7	+	26	20	7	+	16.55186	0.00008
27	21	6	+	26	21	6	+	16.55885	-0.00020
27	22	5	+	26	22	5	+	16.56684	0.00006
27	7	20	+	26	7	20	+	16.56744	-0.00009
10	3	8	—	9	1	8	—	16.56957	-0.00037
27	24	3	+	26	24	3	+	16.58378	0.00027
25	2	23	+	23	4	19	+	16.60016	0.00011
25	4	21	+	24	4	21	+	16.60044	-0.00016
27	6	21	+	26	6	21	+	16.62104	-0.00007
25	4	21	—	24	4	21	—	16.62206	0.00001
27	6	21	—	26	6	21	—	16.62392	-0.00003
35	8	27	+	36	6	31	+	16.62464	0.00006
35	8	27	—	36	6	31	—	16.64912	0.00007
9	5	4	+	10	3	8	+	16.69218	0.00004
22	9	14	—	24	7	18	—	16.69536	0.00005
9	2	7	—	7	0	7	—	16.70479	-0.00032
15	0	15	+	13	0	13	+	16.73628	0.00016
5	3	2	+	3	1	2	+	16.76367	0.00005
43	9	34	—	44	7	38	—	16.78520	-0.00031
9	2	7	+	9	4	5	+	16.79605	-0.00020
26	7	20	+	27	5	22	+	16.79832	0.00001
31	11	20	—	33	9	24	—	16.81254	-0.00009
26	7	20	—	27	5	22	—	16.82554	0.00015
9	2	7	—	9	4	5	—	16.84314	-0.00028
8	6	3	+	10	4	7	+	16.88842	-0.00022
27	5	22	+	26	5	22	+	16.91180	-0.00004
27	5	22	—	26	5	22	—	16.92020	0.00000
28	5	24	—	27	5	22	—	16.97917	-0.00020
28	5	24	+	27	5	22	+	16.98144	-0.00018
34	8	27	—	35	6	29	—	16.98987	0.00005

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
8	6	3	—	10	4	7	—	16.99815	0.00007
33	4	29	+	31	6	25	+	17.02109	0.00038
33	4	29	—	31	6	25	—	17.03602	0.00020
42	9	34	—	43	7	36	—	17.06278	-0.00017
17	1	16	+	16	1	16	+	17.07077	0.00023
5	2	3	+	5	4	1	+	17.08599	0.00020
17	1	16	—	16	1	16	—	17.11986	-0.00012
4	2	3	+	4	4	1	+	17.12204	-0.00025
28	13	16	—	27	13	14	—	17.12576	0.00004
28	14	15	—	27	14	13	—	17.12578	-0.00004
28	15	14	—	27	15	12	—	17.12688	-0.00023
28	16	13	—	27	16	11	—	17.12939	0.00004
28	13	16	+	27	13	14	+	17.13088	-0.00034
28	17	12	—	27	17	10	—	17.13255	0.00015
28	14	15	+	27	14	13	+	17.13269	-0.00010
28	11	18	+	27	11	16	+	17.13335	0.00000
28	15	14	+	27	15	12	+	17.13567	0.00003
28	10	19	—	27	10	17	—	17.13638	-0.00027
28	10	19	+	27	10	17	+	17.13814	-0.00011
28	16	13	+	27	16	11	+	17.13946	-0.00008
28	19	10	—	27	19	8	—	17.14063	0.00019
28	17	12	+	27	17	10	+	17.14424	-0.00008
28	20	9	—	27	20	7	—	17.14512	-0.00014
28	9	20	—	27	9	18	—	17.14661	-0.00006
28	18	11	+	27	18	9	+	17.14970	-0.00016
28	19	10	+	27	19	8	+	17.15589	-0.00018
6	2	5	+	6	4	3	+	17.15606	0.00006
28	22	7	—	27	22	5	—	17.15620	-0.00004
28	8	21	+	27	8	19	+	17.16197	-0.00001
28	23	6	—	27	23	4	—	17.16218	-0.00015
17	8	9	+	19	6	13	+	17.16394	-0.00019
28	21	8	+	27	21	6	+	17.17037	0.00016
5	2	3	—	5	4	1	—	17.17881	-0.00011
28	7	22	+	27	7	20	+	17.18535	-0.00005
28	7	22	—	27	7	20	—	17.18694	-0.00005
40	4	37	+	38	6	33	+	17.20146	-0.00026
28	6	23	—	27	6	21	—	17.20579	0.00002
8	2	7	+	8	4	5	+	17.21349	0.00007
17	8	9	—	19	6	13	—	17.23449	0.00015
6	2	5	—	6	4	3	—	17.23743	-0.00023
8	2	7	—	8	4	5	—	17.27768	-0.00003
8	5	4	+	9	3	6	+	17.28668	-0.00015
17	6	11	+	18	4	15	+	17.31620	0.00004
26	10	17	+	28	8	21	+	17.33395	0.00004
17	6	11	—	18	4	15	—	17.36191	-0.00027
16	2	15	+	15	0	15	+	17.36580	-0.00011
10	2	9	—	10	4	7	—	17.37304	-0.00009
26	10	17	—	28	8	21	—	17.39144	0.00029
35	12	23	+	37	10	27	+	17.42508	-0.00009
12	3	10	+	11	1	10	+	17.43589	-0.00018
44	14	31	+	46	12	35	+	17.45103	-0.00024
12	3	10	—	11	1	10	—	17.45570	0.00024
23	3	20	+	22	3	20	+	17.49124	-0.00004
12	2	11	+	12	4	9	+	17.49812	-0.00025
23	3	20	—	22	3	20	—	17.53037	-0.00012
12	2	11	—	12	4	9	—	17.54710	-0.00008
15	12	3	—	13	12	1	—	17.70540	0.00031
15	7	8	—	13	7	6	—	17.72563	-0.00019
15	8	7	+	13	8	5	+	17.73688	-0.00003
15	6	9	—	13	6	7	—	17.73788	-0.00007
29	14	15	—	28	14	15	—	17.73792	-0.00020
15	9	6	+	13	9	4	+	17.73833	-0.00015
15	7	8	+	13	7	6	+	17.73840	-0.00013
29	15	14	—	28	15	14	—	17.73913	-0.00013
29	12	17	—	28	12	17	—	17.74007	-0.00003
29	13	16	+	28	13	16	+	17.74313	-0.00001
29	11	18	—	28	11	18	—	17.74413	0.00001
29	17	12	—	28	17	12	—	17.74427	-0.00024
15	6	9	+	13	6	7	+	17.74510	-0.00013
29	11	18	+	28	11	18	+	17.74634	-0.00012
29	15	14	+	28	15	14	+	17.74695	-0.00002
29	18	11	—	28	18	11	—	17.74803	-0.00027

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
29	16	13	+	28	16	13	+	17.75060	-0.00011
29	10	19	-	28	10	19	-	17.75121	0.00008
29	10	19	+	28	10	19	+	17.75219	-0.00014
29	17	12	+	28	17	12	+	17.75537	-0.00002
29	20	9	-	28	20	9	-	17.75742	-0.00028
15	5	10	-	13	5	8	-	17.75900	0.00003
16	1	16	-	14	1	14	-	17.76018	-0.00034
16	1	16	+	14	1	14	+	17.76018	-0.00013
15	5	10	+	13	5	8	+	17.76131	-0.00016
29	9	20	+	28	9	20	+	17.76246	-0.00015
29	9	20	-	28	9	20	-	17.76246	-0.00002
25	7	18	+	26	5	22	+	17.76311	0.00002
29	21	8	-	28	21	8	-	17.76331	0.00013
29	19	10	+	28	19	10	+	17.76674	-0.00036
29	22	7	-	28	22	7	-	17.76899	-0.00010
29	20	9	+	28	20	9	+	17.77391	-0.00002
29	23	6	-	28	23	6	-	17.77501	-0.00040
29	8	21	+	28	8	21	+	17.77961	-0.00001
14	2	13	+	14	4	11	+	17.78014	-0.00038
29	21	8	+	28	21	8	+	17.78120	-0.00013
29	24	5	-	28	24	5	-	17.78222	0.00011
29	22	7	+	28	22	7	+	17.78960	0.00035
25	7	18	-	26	5	22	-	17.79756	0.00009
31	2	29	+	31	4	27	+	17.80053	-0.00033
15	4	11	+	13	4	9	+	17.80636	-0.00033
15	4	11	-	13	4	9	-	17.80865	-0.00004
29	7	22	+	28	7	22	+	17.80935	-0.00019
29	7	22	-	28	7	22	-	17.81139	-0.00007
14	2	13	-	14	4	11	-	17.82716	-0.00006
31	2	29	-	31	4	27	-	17.87135	0.00023
21	9	12	+	23	7	16	+	17.88460	0.00019
16	6	11	+	17	4	13	+	17.89244	0.00001
29	6	23	+	28	6	23	+	17.89437	-0.00001
29	6	23	-	28	6	23	-	17.89809	-0.00008
7	5	2	+	8	3	6	+	17.92696	0.00039
16	6	11	-	17	4	13	-	17.93962	-0.00040
15	1	14	+	13	1	12	+	17.95375	-0.00035
15	1	14	-	13	1	12	-	17.95708	0.00004
30	5	26	-	29	5	24	-	17.96550	-0.00029
30	5	26	+	29	5	24	+	17.97156	-0.00028
15	3	12	+	13	3	10	+	18.00831	-0.00020
7	5	2	-	8	3	6	-	18.02132	0.00001
33	8	25	+	34	6	29	+	18.07217	0.00032
33	8	25	-	34	6	29	-	18.09621	-0.00022
16	2	15	+	16	4	13	+	18.19476	-0.00031
16	2	15	-	16	4	13	-	18.24189	-0.00004
41	9	32	+	42	7	36	+	18.27069	-0.00014
27	3	24	+	27	5	22	+	18.27699	-0.00012
41	9	32	-	42	7	36	-	18.29287	0.00030
24	7	18	-	25	5	20	-	18.34595	-0.00004
30	14	17	-	29	14	15	-	18.35049	0.00009
30	13	18	-	29	13	16	-	18.35049	-0.00037
30	15	16	-	29	15	14	-	18.35118	-0.00017
30	12	19	-	29	12	17	-	18.35285	-0.00029
30	16	15	-	29	16	13	-	18.35309	-0.00037
30	13	18	+	29	13	16	+	18.35511	-0.00004
30	14	17	+	29	14	15	+	18.35590	-0.00008
30	12	19	+	29	12	17	+	18.35613	-0.00008
30	17	14	-	29	17	12	-	18.35632	-0.00018
30	11	20	-	29	11	18	-	18.35783	0.00000
30	15	16	+	29	15	14	+	18.35846	0.00014
30	11	20	+	29	11	18	+	18.35951	-0.00023
30	18	13	-	29	18	11	-	18.36037	0.00003
30	16	15	+	29	16	13	+	18.36150	-0.00037
30	10	21	-	29	10	19	-	18.36561	-0.00022
30	17	14	+	29	17	12	+	18.36641	-0.00004
30	10	21	+	29	10	19	+	18.36661	-0.00005
30	18	13	+	29	18	11	+	18.37151	-0.00038
30	19	12	+	29	19	10	+	18.37783	-0.00026
30	9	22	-	29	9	20	-	18.37845	-0.00015
30	20	11	+	29	20	9	+	18.38481	-0.00014
14	3	12	-	13	1	12	-	18.38762	-0.00035

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
30	23	8	—	29	23	6	—	18.38797	-0.00032
30	21	10	+	29	21	8	+	18.39257	0.00016
30	8	23	+	29	8	21	+	18.39736	-0.00007
30	8	23	—	29	8	21	—	18.39856	-0.00001
30	22	9	+	29	22	7	+	18.40043	0.00002
29	5	24	+	28	5	24	+	18.40405	0.00002
16	8	9	+	18	6	13	+	18.40703	0.00001
29	5	24	—	28	5	24	—	18.41620	-0.00015
30	7	24	+	29	7	22	+	18.42556	0.00001
30	6	25	+	29	6	23	+	18.42602	-0.00015
30	7	24	—	29	7	22	—	18.42738	-0.00018
30	25	6	+	29	25	4	+	18.42762	0.00038
16	8	9	—	18	6	13	—	18.48294	0.00021
27	2	25	+	25	4	21	+	18.53141	-0.00011
6	5	2	+	7	3	4	+	18.53289	-0.00006
25	10	15	+	27	8	19	+	18.58526	0.00018
32	8	25	+	33	6	27	+	18.58768	-0.00007
27	4	23	+	26	4	23	+	18.58885	-0.00021
32	8	25	—	33	6	27	—	18.61277	0.00005
15	6	9	+	16	4	13	+	18.61351	0.00005
49	7	42	—	47	9	38	—	18.61352	0.00016
25	10	15	—	27	8	19	—	18.64550	0.00005
15	6	9	—	16	4	13	—	18.66681	-0.00017
18	2	17	+	18	4	15	+	18.76937	-0.00014
40	9	32	—	41	7	34	—	18.77703	-0.00005
32	5	28	—	31	5	26	—	18.78182	-0.00014
48	10	39	+	49	8	41	+	18.86172	0.00039
16	14	3	—	14	14	1	—	18.93121	-0.00025
16	10	7	—	14	10	5	—	18.93624	0.00038
17	0	17	—	15	0	15	—	18.93891	0.00014
16	8	9	+	14	8	7	+	18.96043	-0.00028
31	14	17	—	30	14	17	—	18.96254	-0.00011
31	15	16	—	30	15	16	—	18.96324	-0.00016
31	13	18	—	30	13	18	—	18.96341	-0.00005
16	7	10	+	14	7	8	+	18.96411	-0.00002
31	16	15	—	30	16	15	—	18.96532	-0.00006
31	12	19	—	30	12	19	—	18.96616	-0.00009
31	13	18	+	30	13	18	+	18.96711	-0.00011
31	14	17	+	30	14	17	+	18.96732	-0.00032
16	6	11	—	14	6	9	—	18.96802	-0.00020
31	17	14	—	30	17	14	—	18.96814	-0.00025
16	11	6	+	14	11	4	+	18.96825	-0.00040
31	15	16	+	30	15	16	+	18.96950	-0.00018
31	11	20	—	30	11	20	—	18.97165	-0.00003
31	18	13	—	30	18	13	—	18.97191	-0.00034
31	16	15	+	30	16	15	+	18.97278	-0.00026
31	11	20	+	30	11	20	+	18.97311	-0.00009
16	6	11	+	14	6	9	+	18.97332	-0.00025
31	19	12	—	30	19	12	—	18.97659	-0.00026
31	17	14	+	30	17	14	+	18.97758	0.00009
31	10	21	—	30	10	21	—	18.98075	0.00001
16	13	4	+	14	13	2	+	18.98196	-0.00035
31	21	10	—	30	21	10	—	18.98767	-0.00022
31	19	12	+	30	19	12	+	18.98916	0.00012
16	3	14	—	14	3	12	—	18.99050	-0.00006
16	14	3	+	14	14	1	+	18.99098	0.00021
16	5	12	—	14	5	10	—	18.99227	-0.00011
16	5	12	+	14	5	10	+	18.99332	-0.00017
31	9	22	+	30	9	22	+	18.99439	-0.00023
31	23	8	—	30	23	8	—	19.00057	-0.00038
7	3	4	+	5	1	4	+	19.00259	0.00024
31	24	7	—	30	24	7	—	19.00780	-0.00033
31	8	23	+	30	8	23	+	19.01630	-0.00008
31	8	23	—	30	8	23	—	19.01762	-0.00017
16	4	13	+	14	4	11	+	19.02415	-0.00033
16	4	13	—	14	4	11	—	19.02672	-0.00016
31	7	24	+	30	7	24	+	19.05649	-0.00014
31	7	24	—	30	7	24	—	19.05900	-0.00009
23	7	16	+	24	5	20	+	19.12729	-0.00010
20	9	12	+	22	7	16	+	19.13033	0.00003
5	5	0	+	6	3	4	+	19.14554	-0.00038
23	7	16	—	24	5	20	—	19.16605	-0.00017

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
31	6	25	+	30	6	25	+	19.19600	-0.00015
20	9	12	-	22	7	16	-	19.19896	0.00008
31	6	25	-	30	6	25	-	19.20107	-0.00019
14	6	9	+	15	4	11	+	19.22726	0.00004
14	6	9	-	15	4	11	-	19.28431	-0.00011
6	6	1	+	8	4	5	+	19.33259	0.00007
18	2	17	+	17	0	17	+	19.35242	-0.00024
34	5	30	-	33	5	28	-	19.36996	0.00030
18	2	17	-	17	0	17	-	19.39263	0.00018
16	3	14	+	15	1	14	+	19.40294	0.00007
31	8	23	+	32	6	27	+	19.49864	-0.00001
20	2	19	+	20	4	17	+	19.52635	-0.00019
31	8	23	-	32	6	27	-	19.52892	-0.00018
32	14	19	-	31	14	17	-	19.57461	-0.00029
32	13	20	-	31	13	18	-	19.57593	-0.00016
19	1	18	-	18	1	18	-	19.57709	0.00023
32	16	17	-	31	16	15	-	19.57721	-0.00002
20	2	19	-	20	4	17	-	19.57873	0.00034
32	12	21	-	31	12	19	-	19.57920	-0.00024
32	14	19	+	31	14	17	+	19.57927	-0.00007
32	13	20	+	31	13	18	+	19.57929	-0.00008
32	17	16	-	31	17	14	-	19.58007	-0.00011
32	11	22	-	31	11	20	-	19.58570	0.00003
32	11	22	+	31	11	20	+	19.58675	-0.00009
32	17	16	+	31	17	14	+	19.58820	-0.00029
32	19	14	-	31	19	12	-	19.58884	0.00014
32	18	15	+	31	18	13	+	19.59373	-0.00006
32	10	23	-	31	10	21	-	19.59572	-0.00017
32	10	23	+	31	10	21	+	19.59572	-0.00037
32	19	14	+	31	19	12	+	19.59995	0.00001
32	22	11	-	31	22	9	-	19.60614	-0.00031
32	20	13	+	31	20	11	+	19.60647	-0.00036
23	0	23	-	23	2	21	-	19.60835	0.00000
32	22	11	+	31	22	9	+	19.62273	0.00019
32	6	27	+	31	6	25	+	19.62362	-0.00009
32	6	27	-	31	6	25	-	19.62456	-0.00032
32	8	25	+	31	8	23	+	19.63488	-0.00001
32	8	25	-	31	8	23	-	19.63646	-0.00004
32	7	26	+	31	7	24	+	19.66629	-0.00003
32	7	26	-	31	7	24	-	19.66857	-0.00009
38	5	34	-	37	5	32	-	19.69908	-0.00021
36	5	32	+	35	5	30	+	19.70991	0.00016
38	5	34	+	37	5	32	+	19.73508	-0.00031
22	7	16	+	23	5	18	+	19.74030	-0.00009
39	9	30	+	40	7	34	+	19.75987	-0.00013
22	7	16	-	23	5	18	-	19.78020	-0.00010
39	9	30	-	40	7	34	-	19.78472	-0.00001
23	3	20	-	23	5	18	-	19.88957	-0.00033
24	10	15	-	26	8	19	-	19.89635	-0.00005
47	10	37	+	48	8	41	+	19.94291	0.00031
13	6	7	-	14	4	11	-	19.95579	-0.00012
11	3	8	+	10	1	10	+	19.96970	-0.00016
33	12	21	-	35	10	25	-	19.98465	-0.00012
18	1	18	-	16	1	16	-	19.99686	-0.00002
18	1	18	+	16	1	16	+	19.99686	0.00002
25	3	22	+	24	3	22	+	19.99709	0.00013
42	14	29	-	44	12	33	-	20.00172	-0.00018
25	3	22	-	24	3	22	-	20.04273	0.00025
31	5	26	+	30	5	26	+	20.05236	-0.00003
31	5	26	-	30	5	26	-	20.06991	-0.00033
30	8	23	+	31	6	25	+	20.10591	-0.00007
46	4	43	+	44	6	39	+	20.11106	-0.00005
30	8	23	-	31	6	25	-	20.13611	-0.00009
17	13	4	-	15	13	2	-	20.15832	-0.00019
17	10	7	-	15	10	5	-	20.16202	-0.00013
17	9	8	-	15	9	6	-	20.16621	0.00012
17	8	9	-	15	8	7	-	20.17244	-0.00001
17	7	10	-	15	7	8	-	20.18227	-0.00038
17	9	8	+	15	9	6	+	20.18404	-0.00020
17	8	9	+	15	8	7	+	20.18494	-0.00034
5	4	1	+	4	2	3	+	20.18513	-0.00029
33	14	19	-	32	14	19	-	20.18701	-0.00012

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
33	13	20	—	32	13	20	—	20.18862	-0.00012
33	16	17	—	32	16	17	—	20.18898	-0.00002
17	7	10	+	15	7	8	+	20.19030	-0.00038
33	14	19	+	32	14	19	+	20.19096	-0.00011
33	17	16	—	32	17	16	—	20.19176	-0.00010
33	15	18	+	32	15	18	+	20.19229	-0.00015
33	12	21	—	32	12	21	—	20.19262	-0.00009
33	12	21	+	32	12	21	+	20.19433	-0.00019
33	16	17	+	32	16	17	+	20.19517	-0.00016
33	18	15	—	32	18	15	—	20.19579	0.00008
17	6	11	—	15	6	9	—	20.19949	-0.00003
33	11	22	—	32	11	22	—	20.19968	-0.00014
33	17	16	+	32	17	16	+	20.19971	0.00024
33	19	14	—	32	19	14	—	20.20062	0.00022
17	6	11	+	15	6	9	+	20.20310	-0.00015
33	18	15	+	32	18	15	+	20.20438	-0.00029
33	10	23	—	32	10	23	—	20.21104	-0.00025
33	10	23	+	32	10	23	+	20.21104	-0.00016
33	20	13	+	32	20	13	+	20.21749	-0.00018
33	23	10	—	32	23	10	—	20.22541	-0.00025
33	9	24	+	32	9	24	+	20.22806	-0.00011
33	9	24	—	32	9	24	—	20.22910	-0.00005
17	5	12	+	15	5	10	+	20.23003	-0.00020
17	5	12	—	15	5	10	—	20.23003	-0.00035
17	1	16	+	15	1	14	+	20.23219	-0.00015
33	22	11	+	32	22	11	+	20.23367	0.00019
33	23	10	+	32	23	10	+	20.24248	0.00022
33	8	25	+	32	8	25	+	20.25544	-0.00023
33	8	25	—	32	8	25	—	20.25754	0.00001
17	4	13	+	15	4	11	+	20.30817	-0.00019
33	7	26	+	32	7	26	+	20.31145	0.00012
17	4	13	—	15	4	11	—	20.31247	-0.00014
33	7	26	—	32	7	26	—	20.31398	-0.00039
38	9	30	+	39	7	32	+	20.35911	0.00010
38	9	30	—	39	7	32	—	20.38224	-0.00026
19	9	10	—	21	7	14	—	20.44573	0.00022
21	7	14	+	22	5	18	+	20.46973	-0.00039
22	2	21	+	22	4	19	+	20.48035	-0.00035
21	7	14	—	22	5	18	—	20.51419	-0.00005
12	6	7	+	13	4	9	+	20.51580	-0.00001
46	10	37	+	47	8	39	+	20.53373	0.00011
22	2	21	—	22	4	19	—	20.53734	0.00034
33	6	27	+	32	6	27	+	20.54579	0.00000
33	6	27	—	32	6	27	—	20.55270	-0.00018
12	6	7	—	13	4	9	—	20.58467	0.00003
18	3	16	+	17	1	16	+	20.58565	-0.00014
18	3	16	—	17	1	16	—	20.60616	-0.00018
46	15	32	—	48	13	36	—	20.60946	0.00003
17	3	14	+	15	3	12	+	20.62016	-0.00012
17	3	14	—	15	3	12	—	20.63019	-0.00015
21	3	18	+	21	5	16	+	20.69281	-0.00012
21	3	18	—	21	5	16	—	20.70173	-0.00037
6	4	3	+	5	2	3	+	20.75758	-0.00006
34	6	29	—	33	6	27	—	20.77375	-0.00007
34	14	21	—	33	14	19	—	20.79928	-0.00007
34	15	20	—	33	15	18	—	20.79961	0.00037
34	16	19	—	33	16	17	—	20.80030	-0.00040
34	13	22	—	33	13	20	—	20.80119	-0.00024
34	14	21	+	33	14	19	+	20.80283	0.00000
34	17	18	—	33	17	16	—	20.80317	-0.00028
34	15	20	+	33	15	18	+	20.80368	-0.00014
34	13	22	+	33	13	20	+	20.80386	-0.00001
34	12	23	—	33	12	21	—	20.80572	-0.00035
34	16	19	+	33	16	17	+	20.80610	-0.00034
34	12	23	+	33	12	21	+	20.80748	-0.00004
34	17	18	+	33	17	16	+	20.81005	-0.00035
34	11	24	—	33	11	22	—	20.81412	0.00000
34	19	16	+	33	19	14	+	20.82177	0.00023
29	4	25	+	28	4	25	+	20.82861	-0.00011
34	22	13	—	33	22	11	—	20.83003	-0.00038
6	4	3	—	5	2	3	—	20.83494	-0.00027
34	21	14	+	33	21	12	+	20.83627	0.00023

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
34	23	12	—	33	23	10	—	20.83792	0.00021
34	9	26	+	33	9	24	+	20.84535	-0.00012
34	9	26	—	33	9	24	—	20.84650	-0.00018
29	4	25	—	28	4	25	—	20.86573	0.00013
34	8	27	+	33	8	25	+	20.87410	-0.00023
14	8	7	+	16	6	11	+	20.88056	0.00013
17	2	15	+	15	2	13	+	20.90065	-0.00017
29	8	21	+	30	6	25	+	20.90476	0.00006
34	7	28	+	33	7	26	+	20.90525	0.00006
34	7	28	—	33	7	26	—	20.90770	0.00000
17	2	15	—	15	2	13	—	20.90943	-0.00004
18	2	17	+	16	2	15	+	20.92585	-0.00027
18	2	17	—	16	2	15	—	20.92784	-0.00014
29	8	21	—	30	6	25	—	20.93861	-0.00028
14	8	7	—	16	6	11	—	20.96948	0.00017
23	10	13	+	25	8	17	+	21.07708	0.00024
23	10	13	—	25	8	17	—	21.14429	0.00009
19	0	19	—	17	0	17	—	21.14735	0.00016
19	0	19	+	17	0	17	+	21.14735	-0.00034
11	6	5	+	12	4	9	+	21.15253	-0.00008
20	7	14	—	21	5	16	—	21.15329	-0.00008
32	12	21	+	34	10	25	+	21.17762	0.00025
8	3	6	+	6	1	6	+	21.20617	0.00021
37	9	28	+	38	7	32	+	21.22543	0.00000
11	6	5	—	12	4	9	—	21.22873	0.00003
32	12	21	—	34	10	25	—	21.23524	0.00033
37	9	28	—	38	7	32	—	21.25310	0.00005
33	2	31	+	31	4	27	+	21.26506	0.00040
29	3	26	—	29	1	28	—	21.32106	-0.00004
18	12	7	—	16	12	5	—	21.38467	-0.00026
18	13	6	—	16	13	4	—	21.38495	-0.00004
18	10	9	—	16	10	7	—	21.38837	0.00002
18	9	10	—	16	9	8	—	21.39256	-0.00018
18	8	11	—	16	8	9	—	21.39996	-0.00008
18	9	10	+	16	9	8	+	21.40786	-0.00021
18	10	9	+	16	10	7	+	21.40870	-0.00022
18	8	11	+	16	8	9	+	21.41042	-0.00017
35	15	20	—	34	15	20	—	21.41085	-0.00025
35	14	21	—	34	14	21	—	21.41134	-0.00022
19	3	16	—	19	5	14	—	21.41165	-0.00014
18	7	12	—	16	7	10	—	21.41168	-0.00026
18	11	8	+	16	11	6	+	21.41221	0.00003
35	16	19	—	34	16	19	—	21.41238	0.00005
35	13	22	—	34	13	22	—	21.41402	-0.00014
35	14	21	+	34	14	21	+	21.41422	-0.00040
35	17	18	—	34	17	18	—	21.41464	-0.00029
18	3	16	+	16	3	14	+	21.41502	-0.00023
35	15	20	+	34	15	20	+	21.41526	0.00006
18	12	7	+	16	12	5	+	21.41730	0.00002
35	16	19	+	34	16	19	+	21.41750	-0.00002
18	7	12	+	16	7	10	+	21.41800	-0.00018
18	3	16	—	16	3	14	—	21.41914	-0.00013
35	12	23	—	34	12	23	—	21.41924	-0.00028
35	12	23	+	34	12	23	+	21.42057	-0.00008
35	17	18	+	34	17	18	+	21.42129	0.00001
35	19	16	—	34	19	16	—	21.42352	0.00013
20	2	19	+	19	0	19	+	21.42472	0.00011
35	18	17	+	34	18	17	+	21.42589	-0.00035
35	11	24	—	34	11	24	—	21.42865	0.00006
35	11	24	+	34	11	24	+	21.42865	-0.00018
18	6	13	—	16	6	11	—	21.43164	-0.00011
35	19	16	+	34	19	16	+	21.43195	-0.00028
18	14	5	+	16	14	3	+	21.43202	0.00036
18	6	13	+	16	6	11	+	21.43383	-0.00029
7	4	3	+	6	2	5	+	21.43824	-0.00005
35	20	15	+	34	20	15	+	21.43914	0.00005
35	10	25	+	34	10	25	+	21.44200	-0.00024
35	21	14	+	34	21	14	+	21.44695	0.00022
45	10	35	+	46	8	39	+	21.46193	-0.00014
35	9	26	+	34	9	26	+	21.46305	-0.00033
35	9	26	—	34	9	26	—	21.46473	-0.00007
18	5	14	—	16	5	12	—	21.46512	-0.00009

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
35	8	27	—	34	8	27	—	21.50032	0.00002
18	4	15	—	16	4	13	—	21.50443	0.00011
7	4	3	—	6	2	5	—	21.50911	-0.00034
28	8	21	+	29	6	23	+	21.55115	-0.00011
35	7	28	+	34	7	28	+	21.57820	0.00001
35	7	28	—	34	7	28	—	21.58190	-0.00003
23	2	21	—	22	2	21	—	21.58317	-0.00037
28	8	21	—	29	6	23	—	21.58628	-0.00017
24	2	23	+	24	4	21	+	21.63896	0.00019
18	9	10	—	20	7	14	—	21.68956	0.00029
27	11	16	+	29	9	20	+	21.76002	0.00002
10	6	5	+	11	4	7	+	21.77308	-0.00009
19	7	12	+	20	5	16	+	21.78882	0.00011
36	13	24	+	38	11	28	+	21.82007	0.00008
19	7	12	—	20	5	16	—	21.83868	-0.00038
36	6	31	—	35	6	29	—	21.84092	-0.00014
36	6	31	+	35	6	29	+	21.84409	0.00000
10	6	5	—	11	4	7	—	21.85705	-0.00031
36	9	28	+	37	7	30	+	21.87824	-0.00004
8	4	5	+	7	2	5	+	21.89022	-0.00026
36	9	28	—	37	7	30	—	21.90633	0.00021
33	5	28	+	32	5	28	+	21.90919	-0.00040
33	5	28	—	32	5	28	—	21.93415	-0.00027
21	1	20	+	20	1	20	+	21.94187	-0.00007
17	3	14	+	17	5	12	+	21.94660	-0.00018
20	3	18	+	19	1	18	+	21.95521	-0.00001
17	3	14	—	17	5	12	—	21.97263	-0.00017
20	3	18	—	19	1	18	—	21.98000	0.00015
21	1	20	—	20	1	20	—	21.99090	0.00037
36	15	22	—	35	15	20	—	22.02278	-0.00013
36	16	21	—	35	16	19	—	22.02376	-0.00012
36	14	23	—	35	14	21	—	22.02386	0.00009
36	14	23	+	35	14	21	+	22.02603	-0.00040
36	17	20	—	35	17	18	—	22.02619	-0.00013
36	15	22	+	35	15	20	+	22.02654	-0.00003
36	13	24	—	35	13	22	—	22.02694	0.00002
36	16	21	+	35	16	19	+	22.02843	-0.00015
36	13	24	+	35	13	22	+	22.02851	-0.00013
36	18	19	—	35	18	17	—	22.03028	0.00030
36	12	25	—	35	12	23	—	22.03300	-0.00007
36	19	18	—	35	19	16	—	22.03475	0.00007
36	18	19	+	35	18	17	+	22.03687	-0.00006
36	20	17	—	35	20	15	—	22.04005	-0.00020
36	11	26	+	35	11	24	+	22.04299	-0.00022
36	11	26	—	35	11	24	—	22.04299	-0.00024
36	20	17	+	35	20	15	+	22.04934	-0.00032
36	10	27	+	35	10	25	+	22.05805	-0.00014
36	10	27	—	35	10	25	—	22.05864	-0.00039
36	23	14	+	35	23	12	+	22.07494	0.00025
36	9	28	+	35	9	26	+	22.08124	-0.00017
36	8	29	+	35	8	27	+	22.11535	-0.00014
36	8	29	—	35	8	27	—	22.11777	-0.00009
44	10	35	+	45	8	37	+	22.11896	0.00003
36	7	30	+	35	7	28	+	22.13697	-0.00018
44	10	35	—	45	8	37	—	22.14161	0.00032
13	3	10	+	12	1	12	+	22.15237	0.00021
13	8	5	—	15	6	9	—	22.20904	0.00027
20	1	20	—	18	1	18	—	22.22696	-0.00005
20	1	20	+	18	1	18	+	22.22696	-0.00013
27	8	19	+	28	6	23	+	22.28368	0.00002
22	10	13	+	24	8	17	+	22.31779	-0.00009
27	8	19	—	28	6	23	—	22.32185	-0.00020
15	3	12	+	15	5	10	+	22.33672	-0.00012
15	3	12	—	15	5	10	—	22.37251	-0.00026
22	10	13	—	24	8	17	—	22.38916	-0.00001
9	6	3	+	10	4	7	+	22.39410	-0.00025
18	7	12	+	19	5	14	+	22.42932	-0.00007
19	1	18	+	17	1	16	+	22.45357	-0.00029
19	1	18	—	17	1	16	—	22.45357	-0.00019
18	7	12	—	19	5	14	—	22.48302	0.00002
9	6	3	—	10	4	7	—	22.48846	-0.00004
19	11	8	—	17	11	6	—	22.61196	0.00009

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
19	10	9	—	17	10	7	—	22.61432	-0.00023
19	9	10	—	17	9	8	—	22.61975	0.00018
19	8	11	—	17	8	9	—	22.62782	-0.00021
13	3	10	—	13	5	8	—	22.63003	-0.00024
19	10	9	+	17	10	7	+	22.63223	0.00002
19	9	10	+	17	9	8	+	22.63269	0.00019
37	16	21	—	36	16	21	—	22.63527	-0.00009
37	14	23	—	36	14	23	—	22.63596	-0.00001
19	8	11	+	17	8	9	+	22.63655	-0.00010
37	17	20	—	36	17	20	—	22.63755	-0.00006
37	15	22	+	36	15	22	+	22.63785	-0.00008
37	14	23	+	36	14	23	+	22.63806	-0.00020
19	12	7	+	17	12	5	+	22.63878	-0.00039
37	16	21	+	36	16	21	+	22.63974	0.00015
37	18	19	—	36	18	19	—	22.64121	0.00005
19	7	12	—	17	7	10	—	22.64191	-0.00005
37	17	20	+	36	17	20	+	22.64278	-0.00011
37	19	18	—	36	19	18	—	22.64565	-0.00017
19	7	12	+	17	7	10	+	22.64637	-0.00030
37	12	25	—	36	12	25	—	22.64657	-0.00014
37	19	18	+	36	19	18	+	22.65350	0.00016
37	11	26	+	36	11	26	+	22.65743	-0.00034
37	21	16	—	36	21	16	—	22.65821	0.00040
19	15	4	+	17	15	2	+	22.66139	-0.00003
27	3	24	+	26	3	24	+	22.66403	0.00015
19	6	13	—	17	6	11	—	22.66536	-0.00010
19	6	13	+	17	6	11	+	22.66658	-0.00006
19	16	3	+	17	16	1	+	22.67078	-0.00027
37	10	27	+	36	10	27	+	22.67411	-0.00034
37	10	27	—	36	10	27	—	22.67546	-0.00005
19	17	2	+	17	17	0	+	22.68164	0.00008
35	9	26	—	36	7	30	—	22.69304	0.00010
37	9	28	—	36	9	28	—	22.70193	-0.00031
5	4	1	—	3	2	1	—	22.70269	0.00013
19	5	14	+	17	5	12	+	22.70821	-0.00019
19	5	14	—	17	5	12	—	22.71054	-0.00001
27	3	24	—	26	3	24	—	22.71471	0.00025
9	4	5	+	8	2	7	+	22.72052	0.00001
11	3	8	+	11	5	6	+	22.72320	-0.00019
37	8	29	+	36	8	29	+	22.74423	-0.00014
37	8	29	—	36	8	29	—	22.74697	-0.00011
14	3	12	+	14	5	10	+	22.77771	-0.00026
9	4	5	—	8	2	7	—	22.77982	-0.00016
38	6	33	—	37	6	31	—	22.77999	-0.00010
11	3	8	—	11	5	6	—	22.78122	-0.00011
16	3	14	+	16	5	12	+	22.78518	-0.00026
38	6	33	+	37	6	31	+	22.78732	-0.00004
12	3	10	+	12	5	8	+	22.79145	-0.00012
9	3	6	+	9	5	4	+	22.79152	-0.00018
10	3	8	+	10	5	6	+	22.80876	-0.00014
5	3	2	+	5	5	0	+	22.81564	-0.00007
7	3	4	+	7	5	2	+	22.81663	-0.00017
8	3	6	+	8	5	4	+	22.82030	-0.00011
14	3	12	—	14	5	10	—	22.82616	-0.00033
16	3	14	—	16	5	12	—	22.82808	-0.00022
18	3	16	+	18	5	14	+	22.83411	-0.00019
19	4	15	+	17	4	13	+	22.83746	-0.00021
19	4	15	—	17	4	13	—	22.84385	-0.00012
17	9	8	+	19	7	12	+	22.84659	0.00004
12	3	10	—	12	5	8	—	22.84691	-0.00018
37	7	30	+	36	7	30	+	22.86502	-0.00014
37	7	30	—	36	7	30	—	22.86981	-0.00005
18	3	16	—	18	5	14	—	22.87395	-0.00029
10	3	8	—	10	5	6	—	22.87474	-0.00023
7	3	4	—	7	5	2	—	22.90848	-0.00038
10	4	7	+	9	2	7	+	22.91596	-0.00015
6	3	4	—	6	5	2	—	22.92742	0.00023
5	3	2	—	5	5	0	—	22.94030	0.00025
26	8	19	+	27	6	21	+	22.94218	-0.00014
20	3	18	+	20	5	16	+	22.95242	-0.00015
10	4	7	—	9	2	7	—	22.95985	-0.00024
43	10	33	—	44	8	37	—	22.97657	-0.00010

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
26	8	19	—	27	6	21	—	22.98240	-0.00010
20	3	18	—	20	5	16	—	22.99110	-0.00017
26	2	25	+	26	4	23	+	22.99691	0.00004
26	2	25	—	26	4	23	—	23.06253	-0.00006
26	11	16	—	28	9	20	—	23.06850	-0.00012
17	7	10	+	18	5	14	+	23.08341	-0.00020
8	6	3	—	9	4	5	—	23.11457	-0.00018
17	7	10	—	18	5	14	—	23.14128	-0.00012
33	4	29	—	33	6	27	—	23.14158	-0.00037
33	4	29	+	33	6	27	+	23.14851	-0.00028
22	3	20	+	22	5	18	+	23.17043	-0.00022
22	3	20	—	22	5	18	—	23.20964	-0.00006
20	2	19	+	18	2	17	+	23.21947	-0.00017
20	2	19	—	18	2	17	—	23.22073	-0.00034
38	15	24	—	37	15	22	—	23.24641	0.00000
38	16	23	—	37	16	21	—	23.24664	-0.00012
38	14	25	—	37	14	23	—	23.24792	-0.00024
38	17	22	—	37	17	20	—	23.24854	-0.00025
38	14	25	+	37	14	23	+	23.24999	-0.00013
38	13	26	—	37	13	24	—	23.25218	-0.00039
38	17	22	+	37	17	20	+	23.25343	-0.00017
38	18	21	+	37	18	19	+	23.25777	-0.00030
19	3	16	+	17	3	14	+	23.26043	0.00016
38	20	19	—	37	20	17	—	23.26210	-0.00031
38	19	20	+	37	19	18	+	23.26375	-0.00001
38	20	19	+	37	20	17	+	23.27023	-0.00026
38	11	28	+	37	11	26	+	23.27246	-0.00008
38	10	29	+	37	10	27	+	23.29096	-0.00003
31	4	27	+	30	4	27	+	23.31123	0.00038
38	9	30	+	37	9	28	+	23.31900	-0.00005
38	9	30	—	37	9	28	—	23.32069	-0.00036
34	9	26	+	35	7	28	+	23.33584	0.00004
12	8	5	+	14	6	9	+	23.33972	-0.00037
31	4	27	—	30	4	27	—	23.35520	0.00008
21	0	21	—	19	0	19	—	23.36005	0.00010
21	0	21	+	19	0	19	+	23.36005	-0.00031
38	8	31	—	37	8	29	—	23.36013	-0.00015
34	9	26	—	35	7	28	—	23.36738	-0.00036
19	2	17	—	17	2	15	—	23.38691	-0.00012
37	6	31	+	36	6	31	+	23.51883	-0.00001
24	3	22	+	24	5	20	+	23.51940	-0.00039
22	3	20	+	21	1	20	+	23.52135	0.00039
37	6	31	—	36	6	31	—	23.53315	-0.00001
22	3	20	—	21	1	20	—	23.55016	0.00017
24	3	22	—	24	5	20	—	23.56046	-0.00017
21	10	11	—	23	8	15	—	23.63176	0.00021
25	8	17	+	26	6	21	+	23.63495	0.00000
42	10	33	+	43	8	35	+	23.63718	-0.00005
42	10	33	—	43	8	35	—	23.66346	0.00020
25	8	17	—	26	6	21	—	23.67781	-0.00023
16	7	10	+	17	5	12	+	23.71961	0.00001
16	7	10	—	17	5	12	—	23.78157	-0.00003
20	3	18	+	18	3	16	+	23.82321	-0.00008
20	13	8	—	18	13	6	—	23.83654	-0.00038
20	12	9	—	18	12	7	—	23.83675	0.00015
20	10	11	—	18	10	9	—	23.84082	-0.00001
20	9	12	—	18	9	10	—	23.84634	-0.00030
6	4	3	+	4	2	3	+	23.85709	-0.00018
39	16	23	—	38	16	23	—	23.85812	0.00004
39	14	25	—	38	14	25	—	23.86014	-0.00021
39	15	24	+	38	15	24	+	23.86057	-0.00003
39	16	23	+	38	16	23	+	23.86144	-0.00006
39	14	25	+	38	14	25	+	23.86200	0.00001
39	18	21	—	38	18	21	—	23.86312	-0.00003
20	8	13	+	18	8	11	+	23.86375	0.00030
39	13	26	—	38	13	26	—	23.86550	0.00004
39	19	20	—	38	19	20	—	23.86796	0.00029
20	7	14	—	18	7	12	—	23.87263	-0.00012
39	12	27	—	38	12	27	—	23.87406	-0.00025
39	12	27	+	38	12	27	+	23.87406	-0.00028
20	7	14	+	18	7	12	+	23.87621	0.00006
39	21	18	—	38	21	18	—	23.87964	-0.00008

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
39	20	19	+	38	20	19	+	23.88092	0.00019
20	15	6	+	18	15	4	+	23.88273	0.00005
39	11	28	+	38	11	28	+	23.88743	-0.00008
39	11	28	-	38	11	28	-	23.88791	-0.00032
20	6	15	-	18	6	13	-	23.89978	-0.00016
20	6	15	+	18	6	13	+	23.89978	-0.00032
39	10	29	+	38	10	29	+	23.90767	-0.00023
20	18	3	+	18	18	1	+	23.91378	-0.00011
39	9	30	+	38	9	30	+	23.93918	-0.00032
20	5	16	+	18	5	14	+	23.94151	-0.00005
39	9	30	-	38	9	30	-	23.94168	-0.00002
31	3	28	+	31	1	30	+	23.94278	-0.00004
20	5	16	-	18	5	14	-	23.94434	0.00004
20	4	17	+	18	4	15	+	23.97632	-0.00035
20	4	17	-	18	4	15	-	23.98116	-0.00003
39	8	31	+	38	8	31	+	23.99633	-0.00010
26	3	24	+	26	5	22	+	24.02916	0.00000
33	9	24	+	34	7	28	+	24.06838	-0.00015
26	3	24	-	26	5	22	-	24.07298	-0.00004
33	9	24	-	34	7	28	-	24.10276	-0.00024
11	4	7	-	10	2	9	-	24.10876	-0.00013
16	9	8	-	18	7	12	-	24.16935	0.00007
25	2	23	+	24	2	23	+	24.17636	0.00020
39	7	32	-	38	7	32	-	24.19154	-0.00006
31	4	27	+	31	6	25	+	24.20687	-0.00016
24	8	17	+	25	6	19	+	24.29225	-0.00005
34	13	22	+	36	11	26	+	24.30570	0.00026
23	1	22	+	22	1	22	+	24.30759	0.00026
24	8	17	-	25	6	19	-	24.33763	-0.00010
23	1	22	-	22	1	22	-	24.35549	0.00037
15	7	8	+	16	5	12	+	24.35690	-0.00014
15	7	8	-	16	5	12	-	24.42388	-0.00007
41	10	31	-	42	8	35	-	24.43724	0.00003
22	1	22	-	20	1	20	-	24.45271	-0.00020
22	1	22	+	20	1	20	+	24.45271	-0.00035
40	15	26	+	39	15	24	+	24.47188	-0.00003
40	14	27	-	39	14	25	-	24.47262	0.00008
40	18	23	-	39	18	21	-	24.47396	0.00001
40	17	24	+	39	17	22	+	24.47493	0.00012
40	13	28	-	39	13	26	-	24.47809	-0.00031
40	19	22	-	39	19	20	-	24.47832	-0.00005
40	20	21	-	39	20	19	-	24.48374	-0.00017
40	19	22	+	39	19	20	+	24.48467	0.00039
40	21	20	-	39	21	18	-	24.49065	0.00025
40	11	30	+	39	11	28	+	24.50233	-0.00036
40	10	31	-	39	10	29	-	24.52652	-0.00016
40	7	34	+	39	7	32	+	24.53854	0.00003
40	7	34	-	39	7	32	-	24.53922	-0.00025
28	2	27	+	28	4	25	+	24.54264	-0.00028
40	9	32	-	39	9	30	-	24.56061	-0.00011
14	4	11	+	13	2	11	+	24.56999	-0.00009
14	4	11	-	13	2	11	-	24.59253	-0.00027
40	8	33	-	39	8	31	-	24.60215	0.00017
21	1	20	-	19	1	18	-	24.64058	-0.00011
21	1	20	+	19	1	18	+	24.64138	-0.00009
15	3	12	+	14	1	14	+	24.64542	-0.00037
49	11	38	+	50	9	42	+	24.68153	0.00024
11	8	3	-	13	6	7	-	24.68276	0.00015
49	11	38	-	50	9	42	-	24.70527	0.00009
28	3	26	+	28	5	24	+	24.72268	-0.00025
32	9	24	+	33	7	26	+	24.74531	-0.00023
28	3	26	-	28	5	24	-	24.77083	-0.00003
32	9	24	-	33	7	26	-	24.78157	0.00002
20	10	11	+	22	8	15	+	24.79151	0.00014
20	10	11	-	22	8	15	-	24.87153	-0.00010
23	8	15	+	24	6	19	+	24.96008	0.00004
29	12	17	-	31	10	21	-	24.96999	-0.00021
14	7	8	+	15	5	10	+	24.98561	-0.00009
23	8	15	-	24	6	19	-	25.00836	-0.00005
7	4	3	+	5	2	3	+	25.03976	-0.00016
14	7	8	-	15	5	10	-	25.05805	0.00005
21	12	9	-	19	12	7	-	25.06192	-0.00029

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
21	11	10	—	19	11	8	—	25.06356	-0.00003
21	10	11	—	19	10	9	—	25.06732	0.00009
21	16	5	—	19	16	3	—	25.07033	-0.00001
21	9	12	—	19	9	10	—	25.07401	-0.00001
21	17	4	—	19	17	2	—	25.07430	-0.00034
21	18	3	—	19	18	1	—	25.07935	-0.00025
21	10	11	+	19	10	9	+	25.08012	-0.00012
41	16	25	—	40	16	25	—	25.08033	-0.00017
21	11	10	+	19	11	8	+	25.08046	-0.00040
41	15	26	—	40	15	26	—	25.08095	-0.00038
41	17	24	—	40	17	24	—	25.08148	-0.00024
41	16	25	+	40	16	25	+	25.08306	-0.00014
41	15	26	+	40	15	26	+	25.08357	0.00038
41	14	27	—	40	14	27	—	25.08463	-0.00008
41	18	23	—	40	18	23	—	25.08493	0.00030
41	17	24	+	40	17	24	+	25.08529	0.00000
21	8	13	—	19	8	11	—	25.08543	-0.00006
41	18	23	+	40	18	23	+	25.08914	0.00003
21	8	13	+	19	8	11	+	25.09092	-0.00009
41	13	28	—	40	13	28	—	25.09123	-0.00014
41	20	21	—	40	20	21	—	25.09403	-0.00038
41	19	22	+	40	19	22	+	25.09459	0.00023
41	12	29	+	40	12	29	+	25.10197	0.00004
41	12	29	—	40	12	29	—	25.10197	-0.00037
40	10	31	+	41	8	33	+	25.10306	0.00015
21	7	14	—	19	7	12	—	25.10418	-0.00027
7	4	3	—	5	2	3	—	25.10665	-0.00034
41	11	30	+	40	11	30	+	25.11776	-0.00032
41	11	30	—	40	11	30	—	25.11908	-0.00011
40	10	31	—	41	8	33	—	25.13245	0.00001
21	6	15	+	19	6	13	+	25.13573	-0.00027
21	6	15	—	19	6	13	—	25.13667	-0.00009
41	10	31	+	40	10	31	+	25.14244	-0.00024
21	19	2	+	19	19	0	+	25.14728	-0.00005
21	5	16	—	19	5	14	—	25.20199	-0.00040
16	4	13	+	15	2	13	+	25.22761	-0.00034
29	4	25	+	29	6	23	+	25.23380	-0.00036
29	4	25	—	29	6	23	—	25.23380	-0.00023
39	6	33	+	38	6	33	+	25.23451	-0.00004
39	6	33	—	38	6	33	—	25.25461	-0.00015
41	8	33	+	40	8	33	+	25.25741	0.00020
41	8	33	—	40	8	33	—	25.26093	0.00002
24	3	22	+	23	1	22	+	25.26707	-0.00009
37	4	33	—	37	2	35	—	25.28929	0.00033
24	3	22	—	23	1	22	—	25.30065	0.00035
48	11	38	+	49	9	40	+	25.38961	-0.00033
21	4	17	+	19	4	15	+	25.40347	-0.00011
21	4	17	—	19	4	15	—	25.41175	-0.00015
48	11	38	—	49	9	40	—	25.41443	-0.00013
31	9	22	+	32	7	26	+	25.44565	-0.00006
13	4	9	+	12	2	11	+	25.47461	-0.00034
24	11	14	+	26	9	18	+	25.47885	0.00014
31	9	22	—	32	7	26	—	25.48400	-0.00001
13	4	9	—	12	2	11	—	25.52384	-0.00009
41	7	34	+	40	7	34	+	25.55961	-0.00038
23	0	23	+	21	0	21	+	25.57562	-0.00024
23	0	23	—	21	0	21	—	25.57562	0.00010
33	13	20	—	35	11	24	—	25.60705	-0.00019
22	8	15	+	23	6	17	+	25.61029	-0.00013
13	7	6	+	14	5	10	+	25.61201	0.00001
30	3	28	+	30	5	26	+	25.61818	0.00026
22	8	15	—	23	6	17	—	25.66154	-0.00007
42	7	36	—	41	7	34	—	25.66773	-0.00037
30	3	28	—	30	5	26	—	25.67060	0.00002
13	7	6	—	14	5	10	—	25.69056	0.00005
42	16	27	—	41	16	25	—	25.69149	-0.00010
42	17	26	—	41	17	24	—	25.69222	-0.00027
42	15	28	—	41	15	26	—	25.69264	-0.00023
42	15	28	+	41	15	26	+	25.69465	0.00020
42	18	25	—	41	18	23	—	25.69515	-0.00002
42	17	26	+	41	17	24	+	25.69555	-0.00015
42	14	29	—	41	14	27	—	25.69666	-0.00023

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
42	18	25	+	41	18	23	+	25.69945	0.00020
42	20	23	+	41	20	21	+	25.71087	0.00019
24	2	23	+	23	0	23	+	25.73104	0.00039
42	11	32	+	41	11	30	+	25.73348	-0.00019
42	11	32	-	41	11	30	-	25.73493	-0.00005
42	10	33	+	41	10	31	+	25.76024	-0.00017
21	2	19	+	19	2	17	+	25.79262	0.00016
21	2	19	-	19	2	17	-	25.79747	-0.00017
42	9	34	+	41	9	32	+	25.79899	-0.00026
18	4	15	+	17	2	15	+	25.82738	-0.00030
42	8	35	+	41	8	33	+	25.83678	-0.00007
42	8	35	-	41	8	33	-	25.83959	-0.00013
39	10	29	-	40	8	33	-	25.86692	0.00026
21	3	18	-	19	3	16	-	25.91169	-0.00038
5	5	0	-	4	3	2	-	25.98841	0.00010
33	4	29	+	32	4	29	+	26.00385	-0.00031
19	10	9	+	21	8	13	+	26.02440	0.00018
33	4	29	-	32	4	29	-	26.05481	-0.00002
19	10	9	-	21	8	13	-	26.10943	-0.00022
30	9	22	+	31	7	24	+	26.11742	0.00001
27	4	23	+	27	6	21	+	26.14755	-0.00010
27	4	23	-	27	6	21	-	26.15414	-0.00025
30	9	22	-	31	7	24	-	26.15753	-0.00006
22	3	20	+	20	3	18	+	26.20693	-0.00027
22	3	20	-	20	3	18	-	26.21082	-0.00001
37	14	23	-	39	12	27	-	26.22251	0.00004
30	2	29	+	30	4	27	+	26.25804	0.00007
21	8	13	+	22	6	17	+	26.26153	0.00001
22	11	12	-	20	11	10	-	26.28923	-0.00026
22	14	9	-	20	14	7	-	26.28994	0.00033
22	10	13	-	20	10	11	-	26.29377	-0.00003
22	9	14	-	20	9	12	-	26.30140	-0.00035
43	16	27	-	42	16	27	-	26.30240	-0.00019
43	17	26	-	42	17	26	-	26.30301	-0.00012
43	15	28	-	42	15	28	-	26.30409	-0.00028
22	10	13	+	20	10	11	+	26.30476	-0.00018
43	16	27	+	42	16	27	+	26.30481	0.00015
43	17	26	+	42	17	26	+	26.30572	-0.00029
43	18	25	-	42	18	25	-	26.30589	0.00032
22	12	11	+	20	12	9	+	26.30668	-0.00030
43	14	29	-	42	14	29	-	26.30897	-0.00008
22	9	14	+	20	9	12	+	26.30913	-0.00017
43	18	25	+	42	18	25	+	26.30921	-0.00007
22	13	10	+	20	13	8	+	26.31134	-0.00031
22	8	15	-	20	8	13	-	26.31512	0.00003
21	8	13	-	22	6	17	-	26.31572	-0.00020
43	13	30	+	42	13	30	+	26.31735	0.00001
43	13	30	-	42	13	30	-	26.31735	-0.00012
12	7	6	-	13	5	8	-	26.31897	0.00006
22	8	15	+	20	8	13	+	26.31904	-0.00030
43	12	31	+	42	12	31	+	26.32982	-0.00020
22	7	16	-	20	7	14	-	26.33698	-0.00005
22	7	16	+	20	7	14	+	26.33835	0.00008
43	11	32	+	42	11	32	+	26.34953	0.00002
43	11	32	-	42	11	32	-	26.35061	-0.00037
22	18	5	+	20	18	3	+	26.35714	0.00034
22	19	4	+	20	19	2	+	26.36890	-0.00006
22	6	17	+	20	6	15	+	26.37180	-0.00013
22	6	17	-	20	6	15	-	26.37341	-0.00005
43	10	33	+	42	10	33	+	26.37890	0.00001
43	10	33	-	42	10	33	-	26.38081	-0.00022
37	5	32	+	36	5	32	+	26.39360	-0.00004
43	9	34	+	42	9	34	+	26.42566	0.00000
22	5	18	-	20	5	16	-	26.42903	-0.00024
22	4	19	+	20	4	17	+	26.44738	0.00029
22	4	19	-	20	4	17	-	26.45248	-0.00007
6	5	2	+	5	3	2	+	26.49067	-0.00022
38	10	29	+	39	8	31	+	26.52639	0.00007
43	8	35	+	42	8	35	+	26.53179	-0.00013
43	8	35	-	42	8	35	-	26.53619	-0.00015
38	10	29	-	39	8	31	-	26.55953	0.00024
6	5	2	-	5	3	2	-	26.58970	0.00009

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
24	1	24	—	22	1	22	—	26.67604	0.00005
24	1	24	+	22	1	22	+	26.67604	-0.00014
25	1	24	—	24	1	24	—	26.67767	0.00011
44	7	38	—	43	7	36	—	26.70616	0.00017
23	11	12	+	25	9	16	+	26.71345	0.00010
32	3	30	+	32	5	28	+	26.72166	-0.00006
27	2	25	+	26	2	25	+	26.77863	0.00024
32	3	30	—	32	5	28	—	26.77980	0.00028
29	9	20	+	30	7	24	+	26.79564	0.00002
23	1	22	—	21	1	20	—	26.81748	-0.00002
23	1	22	+	21	1	20	+	26.81837	-0.00008
29	9	20	—	30	7	24	—	26.83805	-0.00003
46	11	36	+	47	9	38	+	26.86023	0.00016
46	11	36	—	47	9	38	—	26.88762	-0.00011
25	4	21	+	25	6	19	+	26.89579	-0.00002
20	8	13	+	21	6	15	+	26.90353	0.00024
44	16	29	—	43	16	27	—	26.91335	-0.00016
44	18	27	+	43	18	25	+	26.91906	-0.00013
44	14	31	+	43	14	29	+	26.92116	-0.00039
44	14	31	—	43	14	29	—	26.92116	-0.00005
44	13	32	—	43	13	30	—	26.93066	0.00007
44	12	33	+	43	12	31	+	26.94439	0.00013
11	7	4	—	12	5	8	—	26.94520	-0.00023
20	8	13	—	21	6	15	—	26.96104	0.00001
44	11	34	+	43	11	32	+	26.96557	0.00003
44	11	34	—	43	11	32	—	26.96727	0.00009
28	1	28	+	28	3	26	+	26.97871	0.00000
44	10	35	+	43	10	33	+	26.99727	0.00014
15	4	11	+	14	2	13	+	27.01143	-0.00025
43	7	36	+	42	7	36	+	27.02008	-0.00022
43	7	36	—	42	7	36	—	27.03124	-0.00027
44	9	36	+	43	9	34	+	27.04142	0.00020
44	9	36	—	43	9	34	—	27.04432	0.00022
15	4	11	—	14	2	13	—	27.06014	-0.00007
44	8	37	—	43	8	35	—	27.06737	-0.00024
22	4	19	+	21	2	19	+	27.07878	-0.00036
7	5	2	+	6	3	4	+	27.10460	-0.00035
41	6	35	+	40	6	35	+	27.17310	-0.00013
7	5	2	—	6	3	4	—	27.19276	-0.00016
12	3	10	+	10	1	10	+	27.24442	-0.00021
37	10	27	—	38	8	31	—	27.26642	-0.00021
9	4	5	+	7	2	5	+	27.39728	-0.00029
9	4	5	—	7	2	5	—	27.45092	-0.00029
28	9	20	+	29	7	22	+	27.45883	0.00027
28	9	20	—	29	7	22	—	27.50310	-0.00006
17	3	14	+	16	1	16	+	27.50554	-0.00021
23	13	10	—	21	13	8	—	27.51325	0.00002
23	11	12	—	21	11	10	—	27.51556	0.00010
23	15	8	—	21	15	6	—	27.51778	-0.00013
23	10	13	—	21	10	11	—	27.52033	-0.00027
45	17	28	—	44	17	28	—	27.52417	0.00009
45	18	27	—	44	18	27	—	27.52618	0.00024
45	17	28	+	44	17	28	+	27.52625	-0.00009
45	15	30	—	44	15	30	—	27.52686	-0.00034
23	12	11	+	21	12	9	+	27.53010	-0.00009
23	10	13	+	21	10	11	+	27.53035	0.00025
23	13	10	+	21	13	8	+	27.53404	-0.00026
23	9	14	+	21	9	12	+	27.53596	-0.00010
23	19	4	—	21	19	2	—	27.53985	0.00023
19	8	11	+	20	6	15	+	27.54244	-0.00001
23	8	15	—	21	8	13	—	27.54526	-0.00007
23	15	8	+	21	15	6	+	27.54812	0.00009
23	8	15	+	21	8	13	+	27.54841	-0.00007
23	7	16	—	21	7	14	—	27.57066	-0.00006
45	11	34	+	44	11	34	+	27.58192	0.00007
45	11	34	—	44	11	34	—	27.58374	0.00009
23	19	4	+	21	19	2	+	27.59045	-0.00032
19	8	11	—	20	6	15	—	27.60389	0.00000
46	7	40	—	45	7	38	—	27.60557	-0.00024
23	6	17	+	21	6	15	+	27.61191	-0.00031
46	7	40	+	45	7	38	+	27.61439	0.00031
23	6	17	—	21	6	15	—	27.61444	-0.00008

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
45	10	35	+	44	10	35	+	27.61695	0.00024
45	10	35	-	44	10	35	-	27.61895	-0.00020
45	9	36	+	44	9	36	+	27.67423	-0.00024
45	9	36	-	44	9	36	-	27.67757	-0.00015
23	5	18	+	21	5	16	+	27.70488	0.00006
23	5	18	-	21	5	16	-	27.70996	-0.00013
8	5	4	+	7	3	4	+	27.71041	-0.00023
24	2	23	+	22	2	21	+	27.74920	-0.00013
25	0	25	-	23	0	23	-	27.79269	0.00010
25	0	25	+	23	0	23	+	27.79269	-0.00020
45	8	37	+	44	8	37	+	27.82944	0.00008
45	8	37	-	44	8	37	-	27.83476	-0.00004
24	4	21	+	23	2	21	+	27.85593	-0.00019
21	4	17	+	21	6	15	+	27.86285	-0.00021
24	4	21	-	23	2	21	-	27.86586	-0.00028
21	4	17	-	21	6	15	-	27.89398	-0.00014
36	10	27	+	37	8	29	+	27.91500	0.00007
36	10	27	-	37	8	29	-	27.95142	0.00002
26	2	25	-	25	0	25	-	27.97482	-0.00029
15	3	12	+	13	1	12	+	28.00103	-0.00034
23	4	19	+	21	4	17	+	28.01292	0.00017
15	3	12	-	13	1	12	-	28.02998	-0.00015
34	3	32	+	34	5	30	+	28.03204	-0.00034
39	4	35	+	39	2	37	+	28.05949	-0.00026
34	3	32	-	34	5	30	-	28.09576	0.00037
26	4	23	+	26	6	21	+	28.11564	0.00004
23	2	21	+	21	2	19	+	28.13021	-0.00020
19	4	15	+	19	6	13	+	28.13056	-0.00008
24	4	21	+	24	6	19	+	28.13164	-0.00023
46	17	30	-	45	17	28	-	28.13453	0.00017
46	17	30	+	45	17	28	+	28.13645	0.00010
46	15	32	-	45	15	30	-	28.13863	0.00010
46	14	33	+	45	14	31	+	28.14516	-0.00025
46	14	33	-	45	14	31	-	28.14516	-0.00032
26	4	23	-	26	6	21	-	28.14837	-0.00015
46	13	34	+	45	13	32	+	28.15606	-0.00019
39	4	35	-	39	2	37	-	28.16050	0.00032
24	4	21	-	24	6	19	-	28.16591	-0.00010
28	4	25	+	28	6	23	+	28.16847	-0.00003
46	12	35	+	45	12	33	+	28.17335	0.00023
18	8	11	+	19	6	13	+	28.17553	-0.00032
22	4	19	+	22	6	17	+	28.18912	-0.00018
9	7	2	-	10	5	6	-	28.19342	-0.00016
32	2	31	-	32	4	29	-	28.19664	-0.00035
46	11	36	+	45	11	34	+	28.19843	0.00010
46	11	36	-	45	11	34	-	28.20024	-0.00003
28	4	25	-	28	6	23	-	28.20147	0.00001
22	4	19	-	22	6	17	-	28.22568	-0.00017
46	10	37	+	45	10	35	+	28.23518	-0.00002
46	10	37	-	45	10	35	-	28.23795	0.00019
18	8	11	-	19	6	13	-	28.24126	-0.00004
20	4	17	+	20	6	15	+	28.26456	0.00010
46	8	39	+	45	8	37	+	28.27337	-0.00020
46	8	39	-	45	8	37	-	28.27529	-0.00031
46	9	38	+	45	9	36	+	28.28309	-0.00020
46	9	38	-	45	9	36	-	28.28637	0.00001
17	4	13	+	17	6	11	+	28.30153	-0.00014
20	4	17	-	20	6	15	-	28.30476	-0.00017
48	7	42	-	47	7	40	-	28.31014	-0.00033
44	11	34	-	45	9	36	-	28.32322	-0.00004
9	5	4	+	8	3	6	+	28.32512	-0.00016
18	4	15	+	18	6	13	+	28.34102	-0.00001
30	4	27	-	30	6	25	-	28.35568	-0.00029
18	4	15	-	18	6	13	-	28.38582	-0.00037
9	5	4	-	8	3	6	-	28.39707	-0.00018
15	4	11	+	15	6	9	+	28.40663	-0.00015
16	4	13	+	16	6	11	+	28.40746	-0.00001
5	5	0	-	3	3	0	-	28.41778	-0.00014
16	4	13	-	16	6	11	-	28.45858	-0.00017
15	4	11	-	15	6	9	-	28.46062	-0.00024
13	4	9	+	13	6	7	+	28.46802	-0.00022
11	4	7	+	11	6	5	+	28.50082	-0.00010

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
10	4	7	+	10	6	5	+	28.51049	-0.00024
23	3	20	+	21	3	18	+	28.51182	0.00032
9	4	5	+	9	6	3	+	28.51401	-0.00020
14	4	11	-	14	6	9	-	28.51717	-0.00024
23	3	20	-	21	3	18	-	28.52247	0.00018
13	4	9	-	13	6	7	-	28.53146	-0.00015
12	4	9	-	12	6	7	-	28.56130	-0.00010
24	3	22	-	22	3	20	-	28.56772	-0.00009
11	4	7	-	11	6	5	-	28.57589	-0.00010
35	10	25	+	36	8	29	+	28.60094	-0.00017
9	4	5	-	9	6	3	-	28.60488	-0.00030
8	4	5	-	8	6	3	-	28.61673	-0.00029
45	7	38	-	44	7	38	-	28.62371	0.00008
6	4	3	-	6	6	1	-	28.63929	-0.00018
35	10	25	-	36	8	29	-	28.63942	-0.00003
26	12	15	-	28	10	19	-	28.68676	0.00032
24	13	12	-	22	13	10	-	28.73860	0.00016
24	12	13	-	22	12	11	-	28.73879	0.00002
24	11	14	-	22	11	12	-	28.74138	-0.00017
47	16	31	-	46	16	31	-	28.74550	-0.00019
47	17	30	+	46	17	30	+	28.74608	-0.00016
47	16	31	+	46	16	31	+	28.74638	-0.00035
24	16	9	-	22	16	7	-	28.74754	0.00012
24	10	15	-	22	10	13	-	28.74758	-0.00007
47	15	32	+	46	15	32	+	28.75045	0.00028
24	11	14	+	22	11	12	+	28.75291	0.00000
24	10	15	+	22	10	13	+	28.75563	-0.00007
24	13	12	+	22	13	10	+	28.75723	0.00005
47	14	33	-	46	14	33	-	28.75728	-0.00032
47	14	33	+	46	14	33	+	28.75728	-0.00006
24	9	16	-	22	9	14	-	28.75845	0.00000
17	4	13	-	16	2	15	-	28.76054	-0.00012
24	9	16	+	22	9	14	+	28.76347	0.00004
47	13	34	+	46	13	34	+	28.76919	-0.00014
47	13	34	-	46	13	34	-	28.76985	-0.00036
24	15	10	+	22	15	8	+	28.76996	-0.00023
24	20	5	-	22	20	3	-	28.77426	0.00032
26	9	18	+	27	7	20	+	28.77426	-0.00008
24	8	17	-	22	8	15	-	28.77621	-0.00006
24	8	17	+	22	8	15	+	28.77854	0.00011
50	7	44	+	49	7	42	+	28.78355	-0.00037
47	12	35	-	46	12	35	-	28.78914	-0.00010
24	17	8	+	22	17	6	+	28.78919	-0.00001
24	18	7	+	22	18	5	+	28.80065	0.00019
17	8	9	+	18	6	13	+	28.80594	0.00004
24	19	6	+	22	19	4	+	28.81255	-0.00017
47	11	36	+	46	11	36	+	28.81513	-0.00003
26	9	18	-	27	7	20	-	28.82348	-0.00029
10	4	7	+	8	2	7	+	28.84032	-0.00005
24	6	19	+	22	6	17	+	28.84981	-0.00015
24	6	19	-	22	6	17	-	28.85279	-0.00005
47	10	37	-	46	10	37	-	28.85923	0.00012
17	8	9	-	18	6	13	-	28.87592	0.00012
26	1	26	+	24	1	24	+	28.89717	-0.00017
26	1	26	-	24	1	24	-	28.89717	0.00004
24	4	21	+	22	4	19	+	28.90716	-0.00024
24	4	21	-	22	4	19	-	28.91251	-0.00017
24	5	20	+	22	5	18	+	28.91389	0.00009
24	5	20	-	22	5	18	-	28.91875	0.00002
47	9	38	+	46	9	38	+	28.92961	0.00018
47	9	38	-	46	9	38	-	28.93294	-0.00015
27	1	26	-	26	1	26	-	28.96876	0.00008
10	5	6	-	9	3	6	-	28.97316	-0.00033
25	1	24	-	23	1	22	-	28.99810	-0.00033
25	1	24	+	23	1	22	+	28.99940	0.00013
43	11	32	-	44	9	36	-	29.03357	-0.00023
30	1	30	+	30	3	28	+	29.12353	-0.00039
28	3	26	+	27	1	26	+	29.17382	0.00000
28	3	26	-	27	1	26	-	29.21343	0.00035
30	13	18	+	32	11	22	+	29.25083	0.00011
34	10	25	+	35	8	27	+	29.27446	0.00010
29	2	27	+	28	2	27	+	29.31072	-0.00005

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
34	10	25	—	35	8	27	—	29.31439	-0.00006
48	16	33	—	47	16	31	—	29.35612	-0.00010
29	2	27	—	28	2	27	—	29.36118	0.00034
48	15	34	—	47	15	32	—	29.36128	0.00029
48	15	34	+	47	15	32	+	29.36128	0.00011
48	14	35	—	47	14	33	—	29.36989	0.00019
43	6	37	+	42	6	37	+	29.37737	0.00020
48	13	36	+	47	13	34	+	29.38234	-0.00012
35	3	32	+	35	1	34	+	29.42671	0.00033
16	8	9	+	17	6	11	+	29.43187	-0.00003
48	11	38	+	47	11	36	+	29.43210	0.00004
48	8	41	—	47	8	39	—	29.44713	-0.00025
48	8	41	+	47	8	39	+	29.44713	-0.00027
48	10	39	+	47	10	37	+	29.47435	-0.00019
25	9	16	—	26	7	20	—	29.47663	-0.00007
48	10	39	—	47	10	37	—	29.47760	0.00025
16	8	9	—	17	6	11	—	29.50659	-0.00014
48	9	40	+	47	9	38	+	29.52317	-0.00031
35	3	32	—	35	1	34	—	29.52463	-0.00001
48	9	40	—	47	9	38	—	29.52650	-0.00013
11	5	6	+	10	3	8	+	29.53826	-0.00016
36	3	34	+	36	5	32	+	29.53883	-0.00019
11	5	6	—	10	3	8	—	29.59912	-0.00017
36	3	34	—	36	5	32	—	29.60685	-0.00020
6	5	2	—	4	3	2	—	29.63781	-0.00005
11	4	7	+	9	2	7	+	29.65369	0.00002
37	5	32	+	37	7	30	+	29.68387	-0.00016
36	4	33	+	36	6	31	+	29.68907	0.00011
11	4	7	—	9	2	7	—	29.69557	-0.00028
16	10	7	+	18	8	11	+	29.70954	0.00029
36	4	33	—	36	6	31	—	29.73378	0.00004
25	12	13	+	27	10	17	+	29.84251	0.00010
34	14	21	+	36	12	25	+	29.86518	-0.00039
33	10	23	+	34	8	27	+	29.94583	0.00003
25	13	12	—	23	13	10	—	29.96335	-0.00024
25	12	13	—	23	12	11	—	29.96430	-0.00001
25	11	14	—	23	11	12	—	29.96764	-0.00014
25	15	10	—	23	15	8	—	29.96819	0.00012
25	10	15	—	23	10	13	—	29.97488	-0.00011
25	11	14	+	23	11	12	+	29.97761	-0.00001
25	10	15	+	23	10	13	+	29.98158	-0.00017
25	9	16	—	23	9	14	—	29.98719	-0.00030
28	4	25	+	27	2	25	+	29.99026	-0.00013
25	9	16	+	23	9	14	+	29.99128	-0.00013
26	2	25	+	24	2	23	+	29.99244	-0.00006
49	13	36	+	48	13	36	+	29.99572	0.00008
49	13	36	—	48	13	36	—	29.99721	0.00037
25	8	17	—	23	8	15	—	30.00792	-0.00003
25	8	17	+	23	8	15	+	30.00914	-0.00010
28	4	25	—	27	2	25	—	30.00959	-0.00003
25	21	4	—	23	21	2	—	30.00985	0.00034
27	0	27	—	25	0	25	—	30.01021	-0.00004
27	0	27	+	25	0	25	+	30.01021	-0.00031
25	22	3	—	23	22	1	—	30.01886	-0.00027
25	7	18	—	23	7	16	—	30.04120	-0.00017
25	20	5	+	23	20	3	+	30.04826	0.00022
49	11	38	+	48	11	38	+	30.04961	0.00011
15	8	7	+	16	6	11	+	30.05465	-0.00009
12	5	8	+	11	3	8	+	30.06611	-0.00023
25	6	19	+	23	6	17	+	30.09643	-0.00012
49	10	39	+	48	10	39	+	30.09812	-0.00020
34	2	33	+	34	4	31	+	30.09890	0.00006
25	6	19	—	23	6	17	—	30.10014	0.00000
12	5	8	—	11	3	8	—	30.12041	-0.00012
24	9	16	—	25	7	18	—	30.12385	0.00011
28	2	27	+	27	0	27	+	30.14555	-0.00005
34	2	33	—	34	4	31	—	30.18064	0.00015
49	9	40	+	48	9	40	+	30.19373	-0.00015
49	9	40	—	48	9	40	—	30.19784	-0.00022
25	5	20	+	23	5	18	+	30.23259	-0.00028
25	5	20	—	23	5	18	—	30.23953	-0.00010
47	7	40	+	46	7	40	+	30.37461	0.00021

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
41	11	30	+	42	9	34	+	30.38517	-0.00007
25	2	23	+	23	2	21	+	30.39333	-0.00018
47	7	40	-	46	7	40	-	30.39669	0.00017
20	11	10	+	22	9	14	+	30.40468	-0.00004
41	11	30	-	42	9	34	-	30.42043	-0.00006
38	4	35	+	38	6	33	+	30.52804	0.00008
50	8	43	+	49	8	41	+	30.55881	-0.00023
32	10	23	+	33	8	25	+	30.60889	-0.00004
50	13	38	+	49	13	36	+	30.60927	0.00039
50	13	38	-	49	13	36	-	30.61058	0.00037
19	4	15	+	18	2	17	+	30.62154	-0.00013
32	10	23	-	33	8	25	-	30.65306	0.00018
50	11	40	-	49	11	38	-	30.66920	-0.00003
14	8	7	+	15	6	9	+	30.67435	-0.00009
25	4	21	-	23	4	19	-	30.67545	0.00029
19	4	15	-	18	2	17	-	30.67630	-0.00035
23	9	14	+	24	7	18	+	30.70954	0.00001
50	10	41	+	49	10	39	+	30.71524	0.00037
50	9	42	-	49	9	40	-	30.76094	-0.00029
14	8	7	-	15	6	9	-	30.76103	-0.00005
23	9	14	-	24	7	18	-	30.76731	-0.00002
7	5	2	+	5	3	2	+	30.77453	-0.00021
35	5	30	+	35	7	28	+	30.78477	-0.00034
13	5	8	-	12	3	10	-	30.80171	-0.00032
7	5	2	-	5	3	2	-	30.85508	-0.00026
26	3	24	-	24	3	22	-	30.89732	-0.00040
15	10	5	-	17	8	9	-	31.04655	0.00008
40	11	30	+	41	9	32	+	31.06630	-0.00012
25	3	22	+	23	3	20	+	31.07028	-0.00006
24	12	13	+	26	10	17	+	31.07241	0.00027
25	3	22	-	23	3	20	-	31.07979	-0.00001
28	1	28	-	26	1	26	-	31.11696	0.00010
28	1	28	+	26	1	26	+	31.11696	-0.00011
14	5	10	+	13	3	10	+	31.15577	-0.00030
27	1	26	+	25	1	24	+	31.18850	-0.00039
27	1	26	-	25	1	24	-	31.18850	0.00025
26	12	15	-	24	12	13	-	31.18969	-0.00022
26	15	12	-	24	15	10	-	31.19286	0.00000
26	11	16	-	24	11	14	-	31.19408	-0.00011
14	5	10	-	13	3	10	-	31.20058	-0.00022
26	11	16	+	24	11	14	+	31.20267	0.00001
26	13	14	+	24	13	12	+	31.20333	-0.00019
26	14	13	+	24	14	11	+	31.20817	0.00000
26	9	18	+	24	9	16	+	31.21992	-0.00009
38	3	36	+	38	5	34	+	31.22326	-0.00019
26	20	7	-	24	20	5	-	31.22660	-0.00011
26	8	19	-	24	8	17	-	31.24042	0.00001
26	19	8	+	24	19	6	+	31.25719	0.00033
26	23	4	-	24	23	2	-	31.25722	0.00004
31	10	21	+	32	8	25	+	31.26860	0.00009
26	7	20	+	24	7	18	+	31.27636	0.00006
26	22	5	+	24	22	3	+	31.29976	0.00004
32	1	32	+	32	3	30	+	31.31247	-0.00035
31	10	21	-	32	8	25	-	31.31453	0.00001
26	6	21	+	24	6	19	+	31.33439	0.00006
26	6	21	-	24	6	19	-	31.33825	-0.00007
22	9	14	+	23	7	16	+	31.34566	-0.00002
26	4	23	+	24	4	21	+	31.35025	-0.00035
26	4	23	-	24	4	21	-	31.35569	-0.00012
30	4	27	+	29	2	27	+	31.39952	0.00005
32	1	32	-	32	3	30	-	31.40219	0.00014
22	9	14	-	23	7	16	-	31.40650	-0.00016
26	5	22	-	24	5	20	-	31.40992	-0.00020
30	4	27	-	29	2	27	-	31.42380	-0.00039
12	4	9	-	10	2	9	-	31.45653	0.00035
19	11	8	+	21	9	12	+	31.63142	-0.00001
40	4	37	-	40	6	35	-	31.63554	-0.00004
33	5	28	+	33	7	26	+	31.70722	-0.00036
28	13	16	+	30	11	20	+	31.71218	-0.00029
33	5	28	-	33	7	26	-	31.71418	-0.00013
39	11	28	+	40	9	32	+	31.74437	-0.00040
31	2	29	+	30	2	29	+	31.76798	0.00003

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
39	11	28	—	40	9	32	—	31.78342	0.00026
52	13	40	—	51	13	38	—	31.83699	-0.00008
12	8	5	+	13	6	7	+	31.90595	0.00018
30	10	21	+	31	8	23	+	31.92224	0.00009
52	10	43	+	51	10	41	+	31.95543	-0.00017
15	5	10	+	14	3	12	+	31.96754	0.00029
21	9	12	+	22	7	16	+	31.97822	-0.00011
8	5	4	+	6	3	4	+	31.99865	-0.00014
12	8	5	—	13	6	7	—	32.00761	-0.00027
15	5	10	—	14	3	12	—	32.01462	-0.00030
21	9	12	—	22	7	16	—	32.04289	0.00012
8	5	4	—	6	3	4	—	32.07345	-0.00019
37	3	34	+	37	1	36	+	32.08235	0.00026
33	0	33	+	33	2	31	+	32.09571	0.00011
16	5	12	+	15	3	12	+	32.14082	-0.00023
47	12	35	+	48	10	39	+	32.15482	-0.00040
16	5	12	—	15	3	12	—	32.17647	-0.00024
6	6	1	+	5	4	1	+	32.18022	-0.00023
33	0	33	—	33	2	31	—	32.18969	0.00040
28	2	27	—	26	2	25	—	32.22585	-0.00022
28	2	27	+	26	2	25	+	32.22585	-0.00001
29	0	29	+	27	0	27	+	32.22804	-0.00012
29	0	29	—	27	0	27	—	32.22804	0.00012
36	2	35	—	36	4	33	—	32.25782	0.00033
6	6	1	—	5	4	1	—	32.29542	-0.00034
23	12	11	+	25	10	15	+	32.30038	0.00018
30	2	29	+	29	0	29	+	32.36998	0.00028
23	12	11	—	25	10	15	—	32.38774	-0.00034
49	7	42	—	48	7	42	—	32.40383	0.00011
27	13	14	—	25	13	12	—	32.41359	-0.00020
30	2	29	—	29	0	29	—	32.41547	0.00010
27	12	15	—	25	12	13	—	32.41558	0.00000
38	11	28	+	39	9	30	+	32.41592	0.00028
27	11	16	—	25	11	14	—	32.42066	-0.00013
27	12	15	+	25	12	13	+	32.42576	0.00006
27	13	14	+	25	13	12	+	32.42685	-0.00012
27	17	10	—	25	17	8	—	32.42766	-0.00037
27	11	16	+	25	11	14	+	32.42802	-0.00002
27	10	17	—	25	10	15	—	32.43057	-0.00008
31	5	26	+	31	7	24	+	32.43307	0.00000
27	10	17	+	25	10	15	+	32.43508	-0.00015
27	9	18	—	25	9	16	—	32.44723	0.00007
31	5	26	—	31	7	24	—	32.44763	-0.00003
53	13	40	+	52	13	40	+	32.44893	0.00009
27	9	18	+	25	9	16	+	32.44924	-0.00002
38	11	28	—	39	9	30	—	32.45530	-0.00035
27	22	5	—	25	22	3	—	32.47305	-0.00007
27	8	19	—	25	8	17	—	32.47341	-0.00033
27	8	19	+	25	8	17	+	32.47341	-0.00011
27	7	20	+	25	7	18	+	32.51462	0.00003
27	7	20	—	25	7	18	—	32.51683	-0.00020
53	11	42	—	52	11	42	—	32.52468	0.00016
27	23	4	+	25	23	2	+	32.53848	-0.00001
29	10	19	+	30	8	23	+	32.57171	-0.00016
27	6	21	+	25	6	19	+	32.59080	-0.00009
27	2	25	—	25	2	23	—	32.59452	0.00009
27	2	25	+	25	2	23	+	32.59452	-0.00021
27	6	21	—	25	6	19	—	32.59556	-0.00008
29	10	19	—	30	8	23	—	32.62216	-0.00007
11	8	3	—	12	6	7	—	32.62969	0.00012
27	5	22	+	25	5	20	+	32.79031	-0.00007
7	6	1	+	6	4	3	+	32.79560	-0.00018
27	5	22	—	25	5	20	—	32.79874	0.00001
21	4	17	+	20	2	19	+	32.80561	0.00000
21	4	17	—	20	2	19	—	32.86775	0.00026
7	6	1	—	6	4	3	—	32.89962	-0.00003
29	5	24	+	29	7	22	+	32.97502	-0.00010
36	15	22	—	38	13	26	—	32.98261	0.00012
18	5	14	+	17	3	14	+	32.98469	-0.00019
18	5	14	—	17	3	14	—	33.01125	-0.00032
32	4	29	+	31	2	29	+	33.02451	0.00007
32	4	29	—	31	2	29	—	33.05431	0.00008

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
37	11	26	+	38	9	30	+	33.08256	-0.00004
10	8	3	+	11	6	5	+	33.12759	0.00018
40	3	38	-	40	5	36	-	33.13893	-0.00019
28	3	26	+	26	3	24	+	33.19961	-0.00008
28	3	26	-	26	3	24	-	33.20168	-0.00005
17	5	12	+	16	3	14	+	33.21115	-0.00031
36	5	32	+	36	7	30	+	33.21232	-0.00019
9	5	4	+	7	3	4	+	33.21525	-0.00026
28	10	19	+	29	8	21	+	33.21679	-0.00018
34	5	30	+	34	7	28	+	33.22455	0.00028
19	9	10	+	20	7	14	+	33.23346	-0.00003
36	5	32	-	36	7	30	-	33.24119	-0.00003
34	5	30	-	34	7	28	-	33.25245	0.00010
17	5	12	-	16	3	14	-	33.25452	-0.00022
28	10	19	-	29	8	21	-	33.26965	-0.00002
38	5	34	+	38	7	32	+	33.30209	0.00019
19	9	10	-	20	7	14	-	33.30566	-0.00013
32	5	28	+	32	7	26	+	33.30579	-0.00005
38	5	34	-	38	7	32	-	33.33250	0.00013
32	5	28	-	32	7	26	-	33.33435	-0.00002
30	1	30	-	28	1	28	-	33.33555	0.00009
30	1	30	+	28	1	28	+	33.33555	-0.00012
27	4	23	-	25	4	21	-	33.35156	-0.00029
27	5	22	-	27	7	20	-	33.39421	-0.00009
8	6	3	+	7	4	3	+	33.40950	0.00011
30	5	26	+	30	7	24	+	33.42874	-0.00010
30	5	26	-	30	7	24	-	33.45878	-0.00003
8	6	3	-	7	4	3	-	33.50337	-0.00027
40	5	36	+	40	7	34	+	33.52477	0.00022
45	12	33	+	46	10	37	+	33.52511	-0.00015
31	14	17	+	33	12	21	+	33.55454	0.00015
27	3	24	+	25	3	22	+	33.56170	-0.00035
27	3	24	-	25	3	22	-	33.56945	-0.00025
28	5	24	+	28	7	22	+	33.56949	-0.00013
28	5	24	-	28	7	22	-	33.60178	-0.00014
28	13	16	-	26	13	14	-	33.63897	0.00008
28	14	15	-	26	14	13	-	33.63951	0.00020
28	12	17	+	26	12	15	+	33.65029	0.00010
28	13	16	+	26	13	14	+	33.65042	-0.00017
28	11	18	+	26	11	16	+	33.65350	-0.00025
28	10	19	-	26	10	17	-	33.65889	-0.00013
28	18	11	-	26	18	9	-	33.65959	-0.00036
28	15	14	+	26	15	12	+	33.66007	0.00010
28	10	19	+	26	10	17	+	33.66257	-0.00010
20	5	16	+	19	3	16	+	33.66630	0.00013
25	5	20	-	25	7	18	-	33.67595	-0.00005
28	17	12	+	26	17	10	+	33.67741	-0.00015
28	9	20	-	26	9	18	-	33.67792	0.00007
28	9	20	+	26	9	18	+	33.67900	-0.00016
28	8	21	+	26	8	19	+	33.70704	0.00002
28	8	21	-	26	8	19	-	33.70774	-0.00016
26	5	22	+	26	7	20	+	33.71012	-0.00003
28	21	8	+	26	21	6	+	33.72922	-0.00004
36	11	26	+	37	9	28	+	33.74354	-0.00034
26	5	22	-	26	7	20	-	33.74563	0.00004
28	7	22	+	26	7	20	+	33.75288	-0.00006
28	4	25	+	26	4	23	+	33.77170	-0.00021
28	4	25	-	26	4	23	-	33.77659	-0.00021
36	11	26	-	37	9	28	-	33.78744	0.00013
15	4	11	+	13	2	11	+	33.80164	0.00040
28	6	23	+	26	6	21	+	33.82450	-0.00031
28	6	23	-	26	6	21	-	33.82971	-0.00002
23	5	18	+	23	7	16	+	33.83416	-0.00015
24	5	20	+	24	7	18	+	33.83821	-0.00013
43	4	39	+	43	2	41	+	33.83945	-0.00012
18	9	10	+	19	7	12	+	33.85692	0.00030
27	10	17	+	28	8	21	+	33.85808	-0.00025
23	5	18	-	23	7	16	-	33.87413	-0.00013
24	5	20	-	24	7	18	-	33.87741	-0.00017
28	5	24	+	26	5	22	+	33.89351	0.00005
28	5	24	-	26	5	22	-	33.89947	-0.00010
42	5	38	+	42	7	36	+	33.91009	0.00015

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
27	10	17	—	28	8	21	—	33.91362	0.00009
18	9	10	—	19	7	12	—	33.93365	0.00021
43	4	39	—	43	2	41	—	33.94026	-0.00018
22	5	18	+	22	7	16	+	33.94689	-0.00038
21	5	16	+	21	7	14	+	33.96804	-0.00002
22	5	18	—	22	7	16	—	33.99087	-0.00012
21	5	16	—	21	7	14	—	34.01354	-0.00010
9	6	3	+	8	4	5	+	34.02099	-0.00032
20	5	16	+	20	7	14	+	34.03427	-0.00001
14	4	11	+	12	2	11	+	34.05043	-0.00006
19	5	14	+	19	7	12	+	34.05987	-0.00010
20	5	16	—	20	7	14	—	34.08288	-0.00035
14	4	11	—	12	2	11	—	34.09940	-0.00023
18	5	14	+	18	7	12	+	34.09957	-0.00012
19	5	14	—	19	7	12	—	34.11152	-0.00006
17	5	12	+	17	7	10	+	34.12142	-0.00028
16	5	12	+	16	7	10	+	34.14558	-0.00004
18	5	14	—	18	7	12	—	34.15452	-0.00026
15	5	10	+	15	7	8	+	34.16103	-0.00022
14	5	10	+	14	7	8	+	34.17480	-0.00018
17	5	12	—	17	7	10	—	34.17993	-0.00024
13	5	8	+	13	7	6	+	34.18406	-0.00013
12	5	8	+	12	7	6	+	34.19081	0.00000
8	5	4	+	8	7	2	+	34.19150	0.00002
11	5	6	+	11	7	4	+	34.19433	-0.00012
9	5	4	+	9	7	2	+	34.19455	-0.00012
22	5	18	—	21	3	18	—	34.20156	0.00006
33	2	31	—	32	2	31	—	34.20709	-0.00011
16	5	12	—	16	7	10	—	34.20793	-0.00011
15	5	10	—	15	7	8	—	34.22770	-0.00020
14	5	10	—	14	7	8	—	34.24636	-0.00008
13	5	8	—	13	7	6	—	34.26077	-0.00027
12	5	8	—	12	7	6	—	34.27376	-0.00009
11	5	6	—	11	7	4	—	34.28463	-0.00001
10	5	6	—	10	7	4	—	34.29427	-0.00002
9	5	4	—	9	7	2	—	34.30300	-0.00023
38	2	37	—	38	4	35	—	34.40410	-0.00012
10	5	6	+	8	3	6	+	34.44182	-0.00022
31	0	31	+	29	0	29	+	34.44532	-0.00012
31	0	31	—	29	0	29	—	34.44532	0.00009
35	11	24	—	36	9	28	—	34.44627	-0.00004
30	2	29	+	28	2	27	+	34.45232	0.00005
30	2	29	—	28	2	27	—	34.45232	-0.00004
17	9	8	+	18	7	12	+	34.47686	-0.00028
44	5	40	+	44	7	38	+	34.48438	0.00002
26	10	17	+	27	8	19	+	34.49587	-0.00002
19	5	14	+	18	3	16	+	34.50432	-0.00029
10	5	6	—	8	3	6	—	34.50660	-0.00030
44	5	40	—	44	7	38	—	34.52642	-0.00004
19	5	14	—	18	3	16	—	34.54587	-0.00014
26	10	17	—	27	8	19	—	34.55367	-0.00006
17	9	8	—	18	7	12	—	34.55871	-0.00026
24	5	20	—	23	3	20	—	34.59756	-0.00038
32	2	31	+	31	0	31	+	34.59838	0.00024
10	6	5	+	9	4	5	+	34.63034	-0.00025
52	13	40	—	53	11	42	—	34.63938	-0.00029
32	2	31	—	31	0	31	—	34.64404	-0.00001
21	12	9	+	23	10	13	+	34.75166	-0.00010
29	2	27	—	27	2	25	—	34.75704	-0.00011
29	2	27	+	27	2	25	+	34.75834	0.00010
34	4	31	+	33	2	31	+	34.83126	-0.00019
30	14	17	—	32	12	21	—	34.86027	0.00028
29	13	16	—	27	13	14	—	34.86394	-0.00006
29	14	15	—	27	14	13	—	34.86397	0.00003
34	4	31	—	33	2	31	—	34.86566	0.00017
29	12	17	—	27	12	15	—	34.86757	0.00033
29	13	16	+	27	13	14	+	34.87429	-0.00007
29	11	18	—	27	11	16	—	34.87455	-0.00010
29	11	18	+	27	11	16	+	34.87984	0.00003
29	10	19	—	27	10	17	—	34.88773	-0.00005
29	10	19	+	27	10	17	+	34.89082	0.00023
29	9	20	—	27	9	18	—	34.90907	-0.00007

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
29	22	7	—	27	22	5	—	34.92548	0.00014
29	8	21	+	27	8	19	+	34.94160	0.00000
29	8	21	—	27	8	19	—	34.94293	-0.00015
29	7	22	+	27	7	20	+	34.99473	-0.00021
29	7	22	—	27	7	20	—	34.99845	0.00000
16	9	8	+	17	7	10	+	35.09528	0.00006
29	6	23	+	27	6	21	+	35.09804	-0.00004
34	11	24	—	35	9	26	—	35.10047	-0.00029
29	6	23	—	27	6	21	—	35.10392	-0.00002
16	9	8	—	17	7	10	—	35.18278	0.00012
25	10	15	—	26	8	19	—	35.19056	-0.00021
11	6	5	+	10	4	7	+	35.23819	-0.00029
6	6	1	+	4	4	1	+	35.24339	-0.00019
28	5	24	—	27	3	24	—	35.25790	-0.00024
28	5	24	+	27	3	24	+	35.25863	-0.00011
51	13	38	+	52	11	42	+	35.29391	0.00024
46	5	42	—	46	7	40	—	35.31263	-0.00040
51	13	38	—	52	11	42	—	35.32707	-0.00004
6	6	1	—	4	4	1	—	35.33498	-0.00013
29	5	24	+	27	5	22	+	35.38567	0.00001
25	13	12	+	27	11	16	+	35.39400	0.00017
29	5	24	—	27	5	22	—	35.39557	-0.00015
23	4	19	—	22	2	21	—	35.39634	-0.00023
30	3	28	+	28	3	26	+	35.48090	0.00003
42	12	31	+	43	10	33	+	35.54114	-0.00025
32	1	32	+	30	1	30	+	35.55318	-0.00007
32	1	32	—	30	1	30	—	35.55318	0.00012
42	12	31	—	43	10	33	—	35.58132	0.00001
11	5	6	—	9	3	6	—	35.69754	-0.00026
33	11	22	+	34	9	26	+	35.70221	-0.00018
17	4	13	+	15	2	13	+	35.74262	-0.00037
19	2	17	—	17	0	17	—	35.75907	-0.00035
24	10	15	+	25	8	17	+	35.76129	0.00014
36	1	36	+	36	3	34	+	35.76487	-0.00039
11	10	1	+	13	8	5	+	35.81188	-0.00034
24	10	15	—	25	8	17	—	35.82497	0.00015
12	6	7	+	11	4	7	+	35.84053	-0.00017
21	5	16	+	20	3	18	+	35.87973	-0.00018
12	6	7	—	11	4	7	—	35.90858	-0.00012
21	5	16	—	20	3	18	—	35.92079	-0.00035
29	4	25	+	27	4	23	+	36.01148	-0.00009
29	4	25	—	27	4	23	—	36.02423	-0.00007
30	12	19	—	28	12	17	—	36.09306	-0.00019
30	16	15	—	28	16	13	—	36.09520	0.00030
30	13	18	+	28	13	16	+	36.09840	0.00011
30	11	20	+	28	11	18	+	36.10612	-0.00008
30	16	15	+	28	16	13	+	36.11262	0.00004
30	10	21	—	28	10	19	—	36.11682	-0.00014
30	10	21	+	28	10	19	+	36.11880	-0.00020
30	21	10	—	28	21	8	—	36.13899	0.00019
30	9	22	—	28	9	20	—	36.14103	-0.00005
30	9	22	+	28	9	20	+	36.14103	0.00000
30	4	27	—	28	4	25	—	36.17177	0.00005
30	8	23	+	28	8	21	+	36.17698	-0.00007
30	8	23	—	28	8	21	—	36.17907	0.00000
41	12	29	+	42	10	33	+	36.20425	-0.00012
30	7	24	+	28	7	22	+	36.23508	0.00000
30	7	24	—	28	7	22	—	36.23877	-0.00026
41	12	29	—	42	10	33	—	36.24599	0.00018
30	6	25	+	28	6	23	+	36.32066	0.00011
30	6	25	—	28	6	23	—	36.32619	-0.00004
32	11	22	+	33	9	24	+	36.34725	0.00004
30	5	26	+	28	5	24	+	36.37581	-0.00006
23	10	13	+	24	8	17	+	36.38911	-0.00016
32	11	22	—	33	9	24	—	36.39825	-0.00005
23	10	13	—	24	8	17	—	36.45621	0.00001
7	6	1	+	5	4	1	+	36.46755	-0.00007
13	6	7	—	12	4	9	—	36.50815	-0.00021
7	6	1	—	5	4	1	—	36.55575	-0.00018
49	13	36	+	50	11	40	+	36.65010	0.00009
15	11	4	—	17	9	8	—	36.65138	0.00027
33	0	33	—	31	0	31	—	36.66209	0.00014

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
33	0	33	+	31	0	31	+	36.66209	-0.00005
32	2	31	+	30	2	29	+	36.67391	0.00003
32	2	31	-	30	2	29	-	36.67391	0.00000
49	13	36	-	50	11	40	-	36.68579	-0.00016
24	13	12	-	26	11	16	-	36.71151	-0.00014
16	4	13	+	14	2	13	+	36.80505	0.00006
34	2	33	-	33	0	33	-	36.87410	-0.00019
12	5	8	+	10	3	8	+	36.88120	-0.00017
40	12	29	-	41	10	31	-	36.90588	0.00003
31	2	29	-	29	2	27	-	36.90783	-0.00037
31	2	29	+	29	2	27	+	36.90946	0.00000
13	9	4	+	14	7	8	+	36.93680	0.00007
12	5	8	-	10	3	8	-	36.93838	-0.00011
31	11	20	+	32	9	24	+	36.98833	-0.00021
22	10	13	+	23	8	15	+	37.01481	0.00012
14	6	9	+	13	4	9	+	37.03363	-0.00028
31	11	20	-	32	9	24	-	37.04180	0.00002
22	10	13	-	23	8	15	-	37.08491	-0.00021
14	6	9	-	13	4	9	-	37.09284	-0.00027
44	3	42	+	44	5	40	+	37.09900	-0.00037
44	3	42	-	44	5	40	-	37.18247	0.00019
21	3	18	-	19	1	18	-	37.19899	0.00011
31	13	18	-	29	13	16	-	37.31442	0.00010
31	16	15	-	29	16	13	-	37.31907	0.00023
31	12	19	-	29	12	17	-	37.31931	-0.00008
31	13	18	+	29	13	16	+	37.32226	-0.00011
31	11	20	+	29	11	18	+	37.33262	-0.00032
31	18	13	-	29	18	11	-	37.33298	0.00039
31	16	15	+	29	16	13	+	37.33513	0.00022
31	17	14	+	29	17	12	+	37.34399	0.00005
31	10	21	-	29	10	19	-	37.34640	-0.00017
31	10	21	+	29	10	19	+	37.34809	0.00018
31	9	22	+	29	9	20	+	37.37291	-0.00013
23	5	18	+	22	3	20	+	37.37751	-0.00002
31	20	11	+	29	20	9	+	37.38105	0.00017
31	23	8	-	29	23	6	-	37.38919	-0.00004
31	24	7	-	29	24	5	-	37.40360	0.00024
31	8	23	+	29	8	21	+	37.41383	0.00002
31	8	23	-	29	8	21	-	37.41628	-0.00008
23	5	18	-	22	3	20	-	37.42035	-0.00005
31	7	24	+	29	7	22	+	37.48221	0.00003
31	7	24	-	29	7	22	-	37.48675	0.00010
12	9	4	+	13	7	6	+	37.54666	-0.00008
39	12	27	-	40	10	31	-	37.56176	-0.00031
31	6	25	+	29	6	23	+	37.62240	0.00008
31	6	25	-	29	6	23	-	37.62937	0.00004
8	6	3	+	6	4	3	+	37.69144	-0.00024
15	6	9	-	14	4	11	-	37.69367	-0.00019
21	10	11	-	22	8	15	-	37.71172	-0.00014
32	3	30	-	30	3	28	-	37.74320	-0.00007
34	1	34	-	32	1	32	-	37.76982	0.00010
34	1	34	+	32	1	32	+	37.76982	-0.00007
8	6	3	-	6	4	3	-	37.77519	-0.00024
32	15	18	+	34	13	22	+	37.81512	-0.00012
32	15	18	-	34	13	22	-	37.89557	0.00030
23	13	10	-	25	11	14	-	37.94008	0.00022
47	13	34	+	48	11	38	+	37.98825	0.00008
38	1	38	+	38	3	36	+	38.00922	-0.00034
13	5	8	+	11	3	8	+	38.02357	-0.00028
31	5	26	+	29	5	24	+	38.02431	0.00008
31	5	26	-	29	5	24	-	38.03574	-0.00028
13	5	8	-	11	3	8	-	38.07510	-0.00037
38	1	38	-	38	3	36	-	38.10116	0.00026
11	9	2	+	12	7	6	+	38.15463	-0.00033
16	6	11	+	15	4	11	+	38.20058	-0.00021
16	6	11	-	15	4	11	-	38.25239	-0.00025
20	10	11	+	21	8	13	+	38.25828	0.00006
29	11	18	+	30	9	22	+	38.26133	-0.00006
11	9	2	-	12	7	6	-	38.28475	-0.00003
29	11	18	-	30	9	22	-	38.31926	0.00000
20	10	11	-	21	8	13	-	38.33666	0.00001
35	6	29	+	35	8	27	+	38.46828	-0.00039

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
7	7	0	+	6	5	2	+	38.46990	-0.00006
35	6	29	-	35	8	27	-	38.49004	-0.00008
32	14	19	-	30	14	17	-	38.53746	-0.00009
27	14	13	-	29	12	17	-	38.54410	-0.00039
32	12	21	-	30	12	19	-	38.54536	-0.00033
32	13	20	+	30	13	18	+	38.54651	-0.00008
32	14	19	+	30	14	17	+	38.54690	-0.00008
32	17	16	-	30	17	14	-	38.54821	-0.00035
32	18	15	-	30	18	13	-	38.55607	-0.00023
32	11	22	-	30	11	20	-	38.55761	0.00026
32	11	22	+	30	11	20	+	38.56006	0.00002
32	18	15	+	30	18	13	+	38.57629	-0.00036
32	10	23	+	30	10	21	+	38.57714	-0.00019
32	9	24	-	30	9	22	-	38.60695	-0.00004
32	8	25	+	30	8	23	+	38.65120	-0.00007
32	8	25	-	30	8	23	-	38.65439	0.00010
31	4	27	-	29	4	25	-	38.66140	0.00016
32	7	26	+	30	7	24	+	38.72289	-0.00007
32	7	26	-	30	7	24	-	38.72758	-0.00017
36	6	31	+	36	8	29	+	38.74008	0.00001
36	6	31	-	36	8	29	-	38.76712	0.00021
17	6	11	+	16	4	13	+	38.81659	-0.00012
32	6	27	+	30	6	25	+	38.81982	-0.00004
42	2	41	-	42	4	39	-	38.82815	-0.00015
33	6	27	+	33	8	25	+	38.84319	-0.00023
32	5	28	+	30	5	26	+	38.84593	-0.00003
32	5	28	-	30	5	26	-	38.85211	-0.00009
37	12	25	-	38	10	29	-	38.86305	-0.00029
17	6	11	-	16	4	13	-	38.86630	-0.00020
33	6	27	-	33	8	25	-	38.87024	-0.00001
35	0	35	+	33	0	33	+	38.87802	-0.00006
35	0	35	-	33	0	33	-	38.87802	0.00009
34	2	33	+	32	2	31	+	38.89257	0.00037
34	2	33	-	32	2	31	-	38.89257	0.00037
28	11	18	+	29	9	20	+	38.89342	0.00007
52	5	48	+	52	7	46	+	38.90100	-0.00016
9	6	3	+	7	4	3	+	38.91501	-0.00010
34	6	29	+	34	8	27	+	38.94653	0.00035
19	10	9	-	20	8	13	-	38.95956	-0.00016
34	6	29	-	34	8	27	-	38.97242	-0.00036
25	5	20	+	24	3	22	+	39.04540	-0.00034
22	13	10	+	24	11	14	+	39.06379	-0.00001
33	2	31	-	31	2	29	-	39.06443	-0.00001
33	2	31	+	31	2	29	+	39.06559	0.00007
8	7	2	+	7	5	2	+	39.08532	0.00000
31	6	25	+	31	8	23	+	39.12221	-0.00015
32	6	27	+	32	8	25	+	39.13347	-0.00007
31	6	25	-	31	8	23	-	39.15401	0.00003
32	6	27	-	32	8	25	-	39.16541	-0.00019
8	7	2	-	7	5	2	-	39.19291	0.00007
30	6	25	+	30	8	23	+	39.30198	-0.00015
14	5	10	+	12	3	10	+	39.32110	-0.00017
18	6	13	+	17	4	13	+	39.32635	-0.00019
29	6	23	+	29	8	21	+	39.33078	-0.00009
46	3	44	-	46	5	42	-	39.33104	0.00002
30	6	25	-	30	8	23	-	39.33738	-0.00008
29	6	23	-	29	8	21	-	39.36680	-0.00016
18	6	13	-	17	4	13	-	39.37159	-0.00019
14	5	10	-	12	3	10	-	39.37222	-0.00034
28	6	23	+	28	8	21	+	39.44565	0.00001
36	12	25	+	37	10	27	+	39.45895	-0.00011
28	6	23	-	28	8	21	-	39.48449	-0.00013
27	6	21	+	27	8	19	+	39.48713	-0.00023
18	10	9	+	19	8	11	+	39.49291	-0.00033
27	11	16	+	28	9	20	+	39.52254	-0.00007
27	6	21	-	27	8	19	-	39.52774	-0.00008
26	6	21	+	26	8	19	+	39.56338	-0.00004
18	10	9	-	19	8	11	-	39.58129	-0.00003
27	11	16	-	28	9	20	-	39.58556	-0.00013
25	6	19	+	25	8	17	+	39.60473	0.00000
26	6	21	-	26	8	19	-	39.60632	-0.00013
17	12	5	+	19	10	9	+	39.63891	0.00003

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
25	6	19	—	25	8	17	—	39.64958	-0.00014
24	6	19	+	24	8	17	+	39.65671	-0.00014
26	14	13	+	28	12	17	+	39.67761	0.00038
23	6	17	+	23	8	15	+	39.69205	0.00000
9	7	2	+	8	5	4	+	39.69928	-0.00026
21	4	17	+	19	2	17	+	39.70322	-0.00036
24	6	19	—	24	8	17	—	39.70422	-0.00014
22	6	17	+	22	8	15	+	39.72825	-0.00013
23	6	17	—	23	8	15	—	39.74182	-0.00010
21	6	15	+	21	8	13	+	39.75577	-0.00002
33	14	19	—	31	14	17	—	39.76177	-0.00026
33	15	18	—	31	15	16	—	39.76236	-0.00037
33	14	19	+	31	14	17	+	39.77033	-0.00008
33	17	16	—	31	17	14	—	39.77228	0.00024
33	15	18	+	31	15	16	+	39.77353	0.00003
33	12	21	+	31	12	19	+	39.77609	-0.00006
33	16	17	+	31	16	15	+	39.77919	-0.00033
22	6	17	—	22	8	15	—	39.78090	-0.00004
20	6	15	+	20	8	13	+	39.78092	-0.00005
33	11	22	—	31	11	20	—	39.78559	0.00010
33	11	22	+	31	11	20	+	39.78757	0.00008
33	17	16	+	31	17	14	+	39.78795	-0.00001
33	19	14	—	31	19	12	—	39.78946	0.00036
33	18	15	+	31	18	13	+	39.79839	-0.00007
19	6	13	+	19	8	11	+	39.80049	-0.00029
33	10	23	+	31	10	21	+	39.80701	-0.00027
33	10	23	—	31	10	21	—	39.80701	-0.00018
33	19	14	+	31	19	12	+	39.81058	-0.00013
21	6	15	—	21	8	13	—	39.81094	-0.00016
18	6	13	+	18	8	11	+	39.81722	-0.00040
17	6	11	+	17	8	9	+	39.83077	0.00000
20	6	15	—	20	8	13	—	39.83923	-0.00009
16	6	11	+	16	8	9	+	39.84086	-0.00028
33	9	24	—	31	9	22	—	39.84108	0.00003
15	6	9	+	15	8	7	+	39.84843	-0.00032
9	6	3	+	9	8	1	+	39.85102	-0.00014
11	6	5	+	11	8	3	+	39.85776	0.00024
12	6	7	+	12	8	5	+	39.85814	-0.00005
19	6	13	—	19	8	11	—	39.86231	-0.00006
18	6	13	—	18	8	11	—	39.88269	-0.00007
33	8	25	+	31	8	23	+	39.89056	0.00001
33	8	25	—	31	8	23	—	39.89387	-0.00016
17	6	11	—	17	8	9	—	39.89965	-0.00016
16	6	11	—	16	8	9	—	39.91423	-0.00025
13	6	7	—	13	8	5	—	39.94642	-0.00029
12	6	7	—	12	8	5	—	39.95454	-0.00030
11	6	5	—	11	8	3	—	39.96219	-0.00009
44	13	32	+	45	11	34	+	39.96484	-0.00008
10	6	5	—	10	8	3	—	39.96916	-0.00026
9	6	3	—	9	8	1	—	39.97643	-0.00027
33	7	26	+	31	7	24	+	39.97775	0.00009
33	7	26	—	31	7	24	—	39.98263	-0.00040
19	6	13	+	18	4	15	+	39.98274	-0.00006
8	6	3	—	8	8	1	—	39.98438	-0.00026
36	1	36	+	34	1	34	+	39.98554	-0.00003
36	1	36	—	34	1	34	—	39.98554	0.00010
34	3	32	+	32	3	30	+	39.98744	0.00001
44	13	32	—	45	11	34	—	40.00731	-0.00028
19	6	13	—	18	4	15	—	40.02748	-0.00017
35	12	23	+	36	10	27	+	40.09957	-0.00005
17	10	7	+	18	8	11	+	40.10784	-0.00011
26	11	16	+	27	9	18	+	40.14960	0.00026
33	6	27	—	31	6	25	—	40.17764	-0.00012
17	10	7	—	18	8	11	—	40.20181	0.00015
10	6	5	—	8	4	5	—	40.21181	-0.00024
26	11	16	—	27	9	18	—	40.21528	-0.00001
21	13	8	+	23	11	12	+	40.28516	0.00023
10	7	4	+	9	5	4	+	40.31225	-0.00022
12	11	2	—	14	9	6	—	40.34061	0.00006
15	5	10	+	13	3	10	+	40.34508	-0.00027
40	1	40	—	40	3	38	—	40.34965	0.00001
20	6	15	+	19	4	15	+	40.38884	-0.00013

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
15	5	10	—	13	3	10	—	40.38913	-0.00010
10	7	4	—	9	5	4	—	40.40377	-0.00017
20	6	15	—	19	4	15	—	40.42763	-0.00011
33	5	28	+	31	5	26	+	40.70346	0.00031
33	5	28	—	31	5	26	—	40.71649	0.00011
16	10	7	+	17	8	9	+	40.72107	0.00010
34	12	23	+	35	10	25	+	40.73682	-0.00035
25	11	14	+	26	9	18	+	40.77389	0.00016
34	12	23	—	35	10	25	—	40.79078	-0.00006
16	10	7	—	17	8	9	—	40.82097	-0.00002
25	11	14	—	26	9	18	—	40.84281	0.00006
34	4	31	+	32	4	29	+	40.87261	0.00008
27	5	22	+	26	3	24	+	40.94103	0.00003
34	14	21	—	32	14	19	—	40.98623	-0.00025
34	15	20	—	32	15	18	—	40.98666	0.00008
34	13	22	—	32	13	20	—	40.98981	-0.00037
27	5	22	—	26	3	24	—	40.99322	0.00000
34	17	18	—	32	17	16	—	40.99564	0.00033
34	13	22	+	32	13	20	+	40.99573	0.00027
34	15	20	+	32	15	18	+	40.99613	-0.00013
34	12	23	+	32	12	21	+	41.00197	-0.00007
11	7	4	—	10	5	6	—	41.00879	-0.00016
34	19	16	—	32	19	14	—	41.01202	-0.00035
34	11	24	+	32	11	22	+	41.01522	-0.00008
34	18	17	+	32	18	15	+	41.01992	-0.00023
34	20	15	—	32	20	13	—	41.02305	-0.00024
34	19	16	+	32	19	14	+	41.03195	-0.00036
34	10	25	+	32	10	23	+	41.03739	-0.00038
34	23	12	—	32	23	10	—	41.06368	0.00031
34	9	26	+	32	9	24	+	41.07357	-0.00007
34	9	26	—	32	9	24	—	41.07581	-0.00002
44	2	43	—	44	4	41	—	41.07617	0.00016
37	0	37	+	35	0	35	+	41.09318	0.00001
37	0	37	—	35	0	35	—	41.09318	0.00013
36	2	35	—	34	2	33	—	41.10828	0.00009
36	2	35	+	34	2	33	+	41.10828	0.00010
49	7	42	—	49	9	40	—	41.11096	-0.00038
49	7	42	+	49	9	40	+	41.11610	-0.00027
34	8	27	+	32	8	25	+	41.13006	0.00006
34	8	27	—	32	8	25	—	41.13410	0.00022
21	6	15	+	20	4	17	+	41.14212	-0.00001
21	6	15	—	20	4	17	—	41.18299	-0.00023
34	7	28	+	32	7	26	+	41.21660	0.00008
34	7	28	—	32	7	26	—	41.22222	0.00016
33	4	29	+	31	4	27	+	41.22796	0.00022
33	4	29	—	31	4	27	—	41.23788	-0.00005
42	13	30	+	43	11	32	+	41.26434	-0.00039
38	2	37	+	37	0	37	+	41.28757	0.00000
34	5	30	+	32	5	28	+	41.29823	0.00015
34	5	30	—	32	5	28	—	41.30412	0.00004
42	13	30	—	43	11	32	—	41.31068	0.00032
34	6	29	—	32	6	27	—	41.32661	-0.00010
22	6	17	+	21	4	17	+	41.35723	-0.00009
11	6	5	+	9	4	5	+	41.35810	-0.00024
33	12	21	+	34	10	25	+	41.37194	0.00006
22	6	17	—	21	4	17	—	41.38917	-0.00013
24	11	14	+	25	9	16	+	41.39599	0.00005
33	12	21	—	34	10	25	—	41.42738	-0.00024
11	6	5	—	9	4	5	—	41.42818	-0.00024
15	10	5	—	16	8	9	—	41.43963	0.00009
24	11	14	—	25	9	16	—	41.46819	-0.00007
12	7	6	+	11	5	6	+	41.53358	-0.00018
27	4	23	+	26	2	25	+	41.58576	-0.00017
12	7	6	—	11	5	6	—	41.61319	0.00014
16	5	12	+	14	3	12	+	41.77173	0.00027
16	5	12	—	14	3	12	—	41.81858	-0.00029
23	4	19	+	21	2	19	+	41.92359	-0.00028
14	10	5	+	15	8	7	+	41.94243	0.00008
23	4	19	—	21	2	19	—	41.94701	0.00003
32	12	21	+	33	10	23	+	42.00376	-0.00018
23	11	12	+	24	9	16	+	42.01610	-0.00003
32	12	21	—	33	10	23	—	42.06203	0.00018

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
23	11	12	—	24	9	16	—	42.09225	0.00023
47	7	40	+	47	9	38	+	42.09805	0.00003
47	7	40	—	47	9	38	—	42.10081	-0.00002
13	7	6	+	12	5	8	+	42.14155	-0.00015
7	7	0	+	5	5	0	+	42.14488	-0.00026
38	1	38	+	36	1	36	+	42.20030	0.00002
38	1	38	—	36	1	36	—	42.20030	0.00012
35	15	20	—	33	15	18	—	42.21072	0.00038
35	14	21	—	33	14	19	—	42.21091	0.00000
35	13	22	—	33	13	20	—	42.21532	-0.00027
13	7	6	—	12	5	8	—	42.21562	-0.00036
35	14	21	+	33	14	19	+	42.21778	0.00034
35	17	18	—	33	17	16	—	42.21848	0.00010
24	6	19	—	23	4	19	—	42.21896	-0.00016
35	13	22	+	33	13	20	+	42.22018	0.00009
36	3	34	—	34	3	32	—	42.22061	-0.00040
36	3	34	+	34	3	32	+	42.22061	0.00014
35	16	19	+	33	16	17	+	42.22425	0.00029
35	18	17	—	33	18	15	—	42.22577	-0.00017
35	12	23	—	33	12	21	—	42.22590	0.00031
35	12	23	+	33	12	21	+	42.22824	0.00007
35	17	18	+	33	17	16	+	42.23134	-0.00035
35	19	16	—	33	19	14	—	42.23534	-0.00002
7	7	0	—	5	5	0	—	42.23685	-0.00013
35	18	17	+	33	18	15	+	42.24213	0.00040
35	11	24	—	33	11	22	—	42.24304	0.00032
35	21	14	—	33	21	12	—	42.25920	0.00036
35	10	25	+	33	10	23	+	42.26858	-0.00024
35	9	26	+	33	9	24	+	42.30866	-0.00019
35	9	26	—	33	9	24	—	42.31128	-0.00020
23	6	17	—	22	4	19	—	42.34500	-0.00018
35	8	27	—	33	8	25	—	42.37653	-0.00012
35	7	28	+	33	7	26	+	42.48369	0.00031
35	7	28	—	33	7	26	—	42.48988	0.00025
17	5	12	+	15	3	12	+	42.56676	-0.00031
12	6	7	+	10	4	7	+	42.57805	-0.00020
17	5	12	—	15	3	12	—	42.60295	-0.00019
12	6	7	—	10	4	7	—	42.64425	-0.00020
22	11	12	—	23	9	14	—	42.71442	0.00022
14	7	8	+	13	5	8	+	42.74702	-0.00015
35	6	29	—	33	6	27	—	42.75672	-0.00007
28	15	14	—	30	13	18	—	42.79528	-0.00032
14	7	8	—	13	5	8	—	42.81681	-0.00016
26	6	21	+	25	4	21	+	42.86559	-0.00001
45	7	38	+	45	9	36	+	42.87406	0.00028
26	6	21	—	25	4	21	—	42.88240	0.00012
45	7	38	—	45	9	36	—	42.88371	0.00001
25	3	22	+	24	1	24	+	42.89562	0.00035
52	7	46	+	52	9	44	+	42.95398	0.00033
50	7	44	+	50	9	42	+	43.09092	0.00032
29	5	24	+	28	3	26	+	43.12703	0.00007
29	5	24	—	28	3	26	—	43.18713	-0.00008
39	13	26	+	40	11	30	+	43.19067	-0.00019
21	11	10	+	22	9	14	+	43.25081	-0.00021
30	12	19	+	31	10	21	+	43.26059	-0.00014
48	7	42	+	48	9	40	+	43.29654	0.00021
39	0	39	—	37	0	37	—	43.30732	0.00009
39	0	39	+	37	0	37	+	43.30732	0.00000
48	7	42	—	48	9	40	—	43.31678	-0.00022
38	2	37	+	36	2	35	+	43.32256	0.00013
38	2	37	—	36	2	35	—	43.32256	0.00011
21	11	10	—	22	9	14	—	43.33489	-0.00011
15	7	8	+	14	5	10	+	43.35022	-0.00031
28	6	23	+	27	4	23	+	43.35098	-0.00037
28	6	23	—	27	4	23	—	43.35997	-0.00019
8	7	2	+	6	5	2	+	43.36899	-0.00018
35	5	30	+	33	5	28	+	43.40568	-0.00017
15	7	8	—	14	5	10	—	43.41619	-0.00015
36	16	21	—	34	16	19	—	43.43656	0.00035
36	13	24	—	34	13	22	—	43.44145	0.00037
36	13	24	+	34	13	22	+	43.44455	-0.00031
36	16	21	+	34	16	19	+	43.44600	-0.00010

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
36	18	19	—	34	18	17	—	43.44845	-0.00021
36	12	25	—	34	12	23	—	43.45256	-0.00003
36	17	20	+	34	17	18	+	43.45321	-0.00019
36	12	25	+	34	12	23	+	43.45435	-0.00019
36	19	18	—	34	19	16	—	43.45827	0.00020
36	18	19	+	34	18	17	+	43.46294	-0.00024
36	11	26	+	34	11	24	+	43.47169	-0.00035
36	11	26	—	34	11	24	—	43.47169	-0.00013
43	7	36	+	43	9	34	+	43.47521	-0.00024
36	21	16	—	34	21	14	—	43.48154	-0.00026
43	7	36	—	43	9	34	—	43.49136	-0.00013
25	6	19	+	24	4	21	+	43.49623	-0.00018
36	10	27	+	34	10	25	+	43.50029	-0.00014
36	10	27	—	34	10	25	—	43.50183	-0.00005
40	2	39	+	39	0	39	+	43.51571	0.00019
25	6	19	—	24	4	21	—	43.53258	-0.00006
46	7	40	+	46	9	38	+	43.54287	-0.00011
36	9	28	+	34	9	26	+	43.54458	-0.00021
40	2	39	—	39	0	39	—	43.56196	-0.00006
36	8	29	+	34	8	27	+	43.61332	-0.00018
36	8	29	—	34	8	27	—	43.61820	0.00004
30	6	25	+	29	4	25	+	43.66066	0.00033
30	6	25	—	29	4	25	—	43.66187	-0.00022
36	7	30	+	34	7	28	+	43.71519	-0.00016
36	7	30	—	34	7	28	—	43.72147	-0.00007
36	5	32	—	34	5	30	—	43.73250	-0.00017
13	6	7	+	11	4	7	+	43.79293	-0.00020
44	7	38	+	44	9	36	+	43.80668	-0.00035
36	6	31	—	34	6	29	—	43.82385	-0.00018
32	6	27	—	31	4	27	—	43.82666	-0.00034
44	7	38	—	44	9	36	—	43.82985	0.00024
32	6	27	+	31	4	27	+	43.83068	-0.00006
13	6	7	—	11	4	7	—	43.85602	0.00036
20	11	10	+	21	9	12	+	43.86608	0.00009
29	12	17	+	30	10	21	+	43.88568	-0.00009
11	10	1	—	12	8	5	—	43.91107	-0.00032
34	6	29	—	33	4	29	—	43.91545	-0.00032
16	7	10	+	15	5	10	+	43.94972	-0.00011
29	12	17	—	30	10	21	—	43.95105	0.00011
20	11	10	—	21	9	12	—	43.95483	0.00024
41	7	34	—	41	9	32	—	43.96074	0.00008
16	7	10	—	15	5	10	—	44.01175	-0.00023
42	7	36	—	42	9	34	—	44.09440	-0.00005
18	5	14	—	16	3	14	—	44.29334	-0.00017
39	7	32	+	39	9	30	+	44.29873	0.00022
39	7	32	—	39	9	30	—	44.32394	-0.00026
40	7	34	—	40	9	32	—	44.34536	-0.00009
40	1	40	—	38	1	38	—	44.41398	0.00008
40	1	40	+	38	1	38	+	44.41398	0.00000
38	3	36	+	36	3	34	+	44.44470	0.00011
38	3	36	—	36	3	34	—	44.44470	-0.00026
25	4	21	+	23	2	21	+	44.45693	0.00021
37	13	24	+	38	11	28	+	44.46082	-0.00029
38	7	32	+	38	9	30	+	44.54443	-0.00005
17	7	10	+	16	5	12	+	44.54752	-0.00020
38	7	32	—	38	9	30	—	44.57409	-0.00002
37	7	30	+	37	9	28	+	44.57860	-0.00009
9	7	2	+	7	5	2	+	44.59310	-0.00028
17	7	10	—	16	5	12	—	44.60642	-0.00018
19	5	14	+	17	3	14	+	44.65489	-0.00029
37	16	21	—	35	16	19	—	44.65924	0.00001
9	7	2	—	7	5	2	—	44.67897	-0.00020
37	19	18	—	35	19	16	—	44.68018	-0.00032
37	12	25	+	35	12	23	+	44.68121	0.00007
19	5	14	—	17	3	14	—	44.68317	-0.00018
37	11	26	+	35	11	24	+	44.70059	-0.00039
37	10	27	+	35	10	25	+	44.73267	0.00002
37	10	27	—	35	10	25	—	44.73459	0.00005
27	6	21	+	26	4	23	+	44.73668	-0.00003
27	6	21	—	26	4	23	—	44.77229	-0.00019
36	7	30	—	36	9	28	—	44.77606	0.00008
37	9	28	—	35	9	26	—	44.78500	-0.00028

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
35	7	28	+	35	9	26	+	44.79889	-0.00029
35	7	28	-	35	9	26	-	44.83216	-0.00039
37	8	29	+	35	8	27	+	44.85971	-0.00015
34	7	28	+	34	9	26	+	44.91393	-0.00007
34	7	28	-	34	9	26	-	44.94945	-0.00023
33	7	26	+	33	9	24	+	44.97387	0.00016
37	7	30	+	35	7	28	+	45.00223	-0.00008
33	7	26	-	33	9	24	-	45.01069	-0.00001
14	6	9	-	12	4	9	-	45.06998	0.00011
36	13	24	+	37	11	26	+	45.09260	0.00007
32	7	26	-	32	9	24	-	45.09586	-0.00005
31	7	24	+	31	9	22	+	45.11195	-0.00008
18	7	12	+	17	5	12	+	45.13761	-0.00018
31	7	24	-	31	9	22	-	45.15249	-0.00018
17	13	4	+	19	11	8	+	45.15959	-0.00018
30	7	24	+	30	9	22	+	45.17400	-0.00004
23	2	21	-	21	0	21	-	45.18397	0.00010
18	7	12	-	17	5	12	-	45.19329	-0.00026
27	12	15	-	28	10	19	-	45.20050	-0.00016
30	7	24	-	30	9	22	-	45.21669	0.00001
29	7	22	+	29	9	20	+	45.22136	0.00019
29	7	22	-	29	9	20	-	45.26551	-0.00013
27	7	20	+	27	9	18	+	45.30630	-0.00006
28	7	22	-	28	9	20	-	45.31446	-0.00017
26	7	20	+	26	9	18	+	45.34184	-0.00003
9	8	1	+	8	6	3	+	45.35656	-0.00031
37	6	31	+	35	6	29	+	45.36302	0.00009
25	7	18	+	25	9	16	+	45.37172	0.00003
37	6	31	-	35	6	29	-	45.37414	-0.00009
26	7	20	-	26	9	18	-	45.39240	-0.00028
23	7	16	+	23	9	14	+	45.42051	0.00003
25	7	18	-	25	9	16	-	45.42470	-0.00011
22	7	16	+	22	9	14	+	45.43946	-0.00014
24	7	18	-	24	9	16	-	45.45373	-0.00002
21	7	14	+	21	9	12	+	45.45552	0.00004
22	3	20	+	20	1	20	+	45.46322	0.00033
9	8	1	-	8	6	3	-	45.46704	-0.00009
38	4	35	+	36	4	33	+	45.46726	0.00006
20	7	14	+	20	9	12	+	45.46862	0.00004
38	4	35	-	36	4	33	-	45.46918	0.00001
23	7	16	-	23	9	14	-	45.47855	-0.00014
19	7	12	+	19	9	10	+	45.47897	-0.00009
29	4	25	-	28	2	27	-	45.47907	0.00016
18	7	12	+	18	9	10	+	45.48719	-0.00002
10	7	4	+	10	9	2	+	45.48961	-0.00002
17	7	10	+	17	9	8	+	45.49296	-0.00026
11	7	4	+	11	9	2	+	45.49411	-0.00016
13	7	6	+	13	9	4	+	45.49968	-0.00003
15	7	8	+	15	9	6	+	45.49973	0.00007
14	7	8	+	14	9	6	+	45.50038	-0.00004
22	7	16	-	22	9	14	-	45.50052	-0.00011
41	0	41	+	39	0	39	+	45.52047	0.00001
41	0	41	-	39	0	39	-	45.52047	0.00007
20	7	14	-	20	9	12	-	45.53563	-0.00028
19	7	12	-	19	9	10	-	45.54988	-0.00008
18	7	12	-	18	9	10	-	45.56191	-0.00011
17	7	10	-	17	9	8	-	45.57206	-0.00029
16	7	10	-	16	9	8	-	45.58101	-0.00022
15	7	8	-	15	9	6	-	45.58916	0.00024
14	7	8	-	14	9	6	-	45.59561	-0.00007
12	7	6	-	12	9	4	-	45.60738	-0.00015
11	7	4	-	11	9	2	-	45.61317	-0.00002
10	7	4	-	10	9	2	-	45.61906	-0.00004
31	5	26	+	30	3	28	+	45.67023	-0.00009
35	13	22	+	36	11	26	+	45.72174	0.00008
19	7	12	+	18	5	14	+	45.73017	-0.00011
31	5	26	-	30	3	28	-	45.74051	-0.00031
42	2	41	+	41	0	41	+	45.74156	-0.00034
26	12	15	+	27	10	17	+	45.74912	-0.00005
35	13	22	-	36	11	26	-	45.77928	-0.00032
19	7	12	-	18	5	14	-	45.78302	-0.00034
42	2	41	-	41	0	41	-	45.78879	0.00028

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
17	11	6	—	18	9	10	—	45.80757	-0.00035
10	7	4	+	8	5	4	+	45.81708	-0.00026
38	15	24	—	36	15	22	—	45.88110	0.00000
38	16	23	—	36	16	21	—	45.88214	0.00003
38	14	25	—	36	14	23	—	45.88406	-0.00007
38	14	25	+	36	14	23	+	45.88805	-0.00033
38	16	23	+	36	16	21	+	45.89002	-0.00014
38	13	26	—	36	13	24	—	45.89201	-0.00029
38	13	26	+	36	13	24	+	45.89470	-0.00009
38	17	22	+	36	17	20	+	45.89630	-0.00019
21	14	7	—	23	12	11	—	45.89731	0.00019
10	7	4	—	8	5	4	—	45.89876	-0.00040
38	12	27	+	36	12	25	+	45.90817	0.00018
38	19	20	+	36	19	18	+	45.91734	0.00023
38	21	18	—	36	21	16	—	45.92704	0.00037
38	11	28	+	36	11	26	+	45.93030	-0.00001
38	20	19	+	36	20	17	+	45.93044	-0.00018
38	10	29	+	36	10	27	+	45.96530	-0.00015
38	10	29	—	36	10	27	—	45.96797	0.00020
10	8	3	+	9	6	3	+	45.97134	-0.00019
52	3	50	—	52	5	48	—	46.03442	-0.00016
29	6	23	+	28	4	25	+	46.06294	0.00006
10	8	3	—	9	6	3	—	46.07396	-0.00007
29	6	23	—	28	4	25	—	46.09956	-0.00007
38	8	31	—	36	8	29	—	46.10710	-0.00026
38	5	34	+	36	5	32	+	46.12868	-0.00034
38	5	34	—	36	5	32	—	46.13383	-0.00019
15	6	9	+	13	4	9	+	46.21312	-0.00035
43	14	29	+	44	12	33	+	46.26150	0.00004
15	6	9	—	13	4	9	—	46.26979	0.00023
20	7	14	+	19	5	14	+	46.30544	-0.00009
16	11	6	+	17	9	8	+	46.31152	-0.00034
20	7	14	—	19	5	14	—	46.35570	-0.00005
25	12	13	+	26	10	17	+	46.36683	0.00000
16	11	6	—	17	9	8	—	46.42458	0.00008
25	15	10	—	27	13	14	—	46.46568	-0.00017
11	8	3	+	10	6	5	+	46.58513	-0.00014
42	1	42	+	40	1	40	+	46.62660	-0.00001
42	1	42	—	40	1	40	—	46.62660	0.00004
40	3	38	—	38	3	36	—	46.66239	-0.00026
40	3	38	+	38	3	36	+	46.66239	0.00002
11	8	3	—	10	6	5	—	46.68056	-0.00035
20	5	16	+	18	3	16	+	46.77589	0.00003
21	7	14	+	20	5	16	+	46.89532	-0.00009
42	14	29	+	43	12	31	+	46.89605	-0.00005
29	16	13	+	31	14	17	+	46.90593	0.00018
21	7	14	—	20	5	16	—	46.94332	-0.00018
33	13	20	+	34	11	24	+	46.97363	0.00003
24	12	13	+	25	10	15	+	46.98288	-0.00007
33	13	20	—	34	11	24	—	47.03595	0.00012
11	7	4	+	9	5	4	+	47.04048	-0.00025
15	11	4	—	16	9	8	—	47.04115	0.00035
24	12	13	—	25	10	15	—	47.06357	-0.00027
39	16	23	—	37	16	21	—	47.10517	0.00033
39	14	25	—	37	14	23	—	47.10852	0.00000
39	14	25	+	37	14	23	+	47.11202	-0.00009
39	13	26	—	37	13	24	—	47.11784	-0.00019
39	17	22	+	37	17	20	+	47.11805	0.00021
11	7	4	—	9	5	4	—	47.11837	-0.00023
39	12	27	—	37	12	25	—	47.13461	-0.00016
39	11	28	+	37	11	26	+	47.15989	-0.00016
39	11	28	—	37	11	26	—	47.16119	-0.00009
12	8	5	+	11	6	5	+	47.19788	-0.00009
39	10	29	—	37	10	27	—	47.20126	-0.00035
39	9	30	+	37	9	28	+	47.25827	-0.00028
39	9	30	—	37	9	28	—	47.26273	-0.00002
12	8	5	—	11	6	5	—	47.28739	-0.00016
39	8	31	+	37	8	29	+	47.35383	-0.00023
39	8	31	—	37	8	29	—	47.35954	-0.00034
27	4	23	+	25	2	23	+	47.40201	-0.00025
16	6	11	+	14	4	11	+	47.43172	-0.00022
22	7	16	+	21	5	16	+	47.44520	-0.00001

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
27	4	23	—	25	2	23	—	47.44571	0.00037
16	6	11	—	14	4	11	—	47.48538	-0.00025
22	7	16	—	21	5	16	—	47.49030	-0.00010
31	6	25	+	30	4	27	+	47.51769	-0.00019
14	11	4	+	15	9	6	+	47.52783	0.00038
39	7	32	—	37	7	30	—	47.54721	0.00031
31	6	25	—	30	4	27	—	47.55727	0.00003
23	12	11	+	24	10	15	+	47.59753	-0.00012
14	11	4	—	15	9	6	—	47.65722	0.00017
23	12	11	—	24	10	15	—	47.68247	0.00002
40	4	37	+	38	4	35	+	47.72989	0.00022
40	4	37	—	38	4	35	—	47.73111	-0.00005
43	0	43	—	41	0	41	—	47.73254	0.00005
43	0	43	+	41	0	41	+	47.73254	0.00001
42	2	41	—	40	2	39	—	47.74695	0.00005
42	2	41	+	40	2	39	+	47.74695	0.00011
13	8	5	+	12	6	7	+	47.80937	-0.00013
13	8	5	—	12	6	7	—	47.89335	-0.00033
44	2	43	+	43	0	43	+	47.96657	-0.00004
44	2	43	—	43	0	43	—	48.01346	0.00014
39	6	33	+	37	6	31	+	48.02194	0.00003
39	6	33	—	37	6	31	—	48.03460	-0.00025
23	7	16	+	22	5	18	+	48.04114	-0.00005
23	7	16	—	22	5	18	—	48.08480	-0.00016
13	11	2	+	14	9	6	+	48.13332	-0.00021
22	12	11	+	23	10	13	+	48.21082	-0.00020
40	14	27	—	41	12	29	—	48.21280	-0.00011
31	13	18	+	32	11	22	+	48.21805	0.00010
12	7	6	+	10	5	6	+	48.26299	-0.00029
13	11	2	—	14	9	6	—	48.27366	0.00018
22	12	11	—	23	10	13	—	48.30008	0.00002
40	15	26	+	38	15	24	+	48.33289	0.00038
40	16	25	+	38	16	23	+	48.33413	0.00026
40	18	23	—	38	18	21	—	48.33708	-0.00003
12	7	6	—	10	5	6	—	48.33712	-0.00024
40	13	28	—	38	13	26	—	48.34359	-0.00027
40	12	29	—	38	12	27	—	48.36239	-0.00019
40	11	30	+	38	11	28	+	48.39023	0.00003
23	5	18	+	21	3	18	+	48.39810	0.00035
23	5	18	—	21	3	18	—	48.41239	0.00020
14	8	7	+	13	6	7	+	48.41980	0.00013
40	10	31	—	38	10	29	—	48.43606	0.00002
40	9	32	+	38	9	30	+	48.49781	-0.00007
14	8	7	—	13	6	7	—	48.49888	-0.00015
40	5	36	+	38	5	34	+	48.50119	-0.00014
24	7	18	+	23	5	18	+	48.54522	-0.00004
24	7	18	—	23	5	18	—	48.58549	-0.00013
40	8	33	—	38	8	31	—	48.60130	-0.00027
17	6	11	+	15	4	11	+	48.60982	-0.00021
17	6	11	—	15	4	11	—	48.66011	-0.00028
40	7	34	—	38	7	32	—	48.73100	-0.00008
39	14	25	+	40	12	29	+	48.78657	-0.00001
52	8	45	+	52	10	43	+	48.79746	-0.00014
21	12	9	+	22	10	13	+	48.82338	0.00023
30	13	18	+	31	11	20	+	48.83758	0.00002
44	1	44	—	42	1	42	—	48.83817	0.00007
44	1	44	+	42	1	42	+	48.83817	0.00004
39	14	25	—	40	12	29	—	48.84271	-0.00001
42	3	40	+	40	3	38	+	48.87556	-0.00019
42	3	40	—	40	3	38	—	48.87556	-0.00039
12	11	2	—	13	9	4	—	48.89029	-0.00008
21	12	9	—	22	10	13	—	48.91674	-0.00010
49	8	41	+	49	10	39	+	48.95985	0.00020
49	8	41	—	49	10	39	—	48.97641	0.00001
14	13	2	—	16	11	6	—	48.98073	-0.00002
15	8	7	+	14	6	9	+	49.02824	-0.00007
8	8	1	+	6	6	1	+	49.02836	-0.00021
15	8	7	—	14	6	9	—	49.10319	-0.00014
8	8	1	—	6	6	1	—	49.12041	-0.00019
50	8	43	—	50	10	41	—	49.13595	-0.00022
33	6	27	+	32	4	29	+	49.15259	-0.00037
25	7	18	+	24	5	20	+	49.16754	-0.00004

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
33	6	27	—	32	4	29	—	49.19674	-0.00003
25	7	18	—	24	5	20	—	49.20748	-0.00011
47	8	39	+	47	10	37	+	49.39004	0.00004
48	8	41	+	48	10	39	+	49.41726	0.00012
20	12	9	+	21	10	11	+	49.43423	0.00009
48	8	41	—	48	10	39	—	49.44104	0.00002
29	13	16	+	30	11	20	+	49.45550	-0.00011
38	14	25	—	39	12	27	—	49.47043	-0.00021
13	7	6	+	11	5	6	+	49.48447	-0.00018
29	13	16	—	30	11	20	—	49.52785	-0.00013
41	17	24	—	39	17	22	—	49.55243	-0.00015
13	7	6	—	11	5	6	—	49.55525	0.00006
41	14	27	—	39	14	25	—	49.55730	0.00005
41	14	27	+	39	14	25	+	49.55975	0.00008
26	7	20	+	25	5	20	+	49.58862	-0.00007
41	20	21	+	39	20	19	+	49.59143	-0.00025
41	11	30	+	39	11	28	+	49.62061	-0.00015
26	7	20	—	25	5	20	—	49.62402	-0.00010
16	8	9	+	15	6	9	+	49.63504	-0.00011
41	10	31	+	39	10	29	+	49.66792	0.00020
16	8	9	—	15	6	9	—	49.70604	-0.00021
46	8	39	—	46	10	37	—	49.72224	-0.00036
45	8	37	+	45	10	35	+	49.73532	-0.00032
41	9	32	+	39	9	30	+	49.73935	-0.00007
41	9	32	—	39	9	30	—	49.74435	0.00005
45	8	37	—	45	10	35	—	49.76056	0.00012
18	6	13	+	16	4	13	+	49.84140	-0.00018
31	17	14	+	33	15	18	+	49.85157	-0.00006
41	8	33	—	39	8	31	—	49.86262	-0.00027
18	6	13	—	16	4	13	—	49.89025	-0.00026
45	0	45	—	43	0	43	—	49.94353	0.00008
45	0	45	+	43	0	43	+	49.94353	0.00006
44	8	37	+	44	10	35	+	49.94840	0.00011
31	17	14	—	33	15	18	—	49.95054	0.00003
44	2	43	—	42	2	41	—	49.95732	0.00002
44	2	43	+	42	2	41	+	49.95732	0.00008
37	14	23	+	38	12	27	+	50.03694	0.00005
43	8	35	—	43	10	33	—	50.04406	-0.00023
28	13	16	+	29	11	18	+	50.07225	0.00004
37	14	23	—	38	12	27	—	50.09688	0.00010
41	7	34	+	39	7	32	+	50.09815	-0.00035
19	12	7	—	20	10	11	—	50.14868	0.00025
42	8	35	+	42	10	33	+	50.16886	-0.00029
42	8	35	—	42	10	33	—	50.19962	0.00003
13	13	0	—	15	11	4	—	50.20948	0.00031
17	8	9	+	16	6	11	+	50.23977	-0.00025
41	8	33	+	41	10	31	+	50.24550	-0.00009
9	8	1	+	7	6	1	+	50.25263	-0.00015
41	8	33	—	41	10	31	—	50.27683	-0.00010
27	7	20	+	26	5	22	+	50.27765	-0.00003
17	8	9	—	16	6	11	—	50.30746	-0.00010
27	7	20	—	26	5	22	—	50.31444	-0.00006
9	8	1	—	7	6	1	—	50.34269	-0.00022
39	8	31	+	39	10	29	+	50.43393	-0.00029
39	8	31	—	39	10	29	—	50.46874	0.00010
28	7	22	+	27	5	22	+	50.55120	-0.00004
26	16	11	+	28	14	15	+	50.55523	0.00011
38	8	31	—	38	10	29	—	50.55868	-0.00020
28	7	22	—	27	5	22	—	50.58122	-0.00007
37	8	29	+	37	10	27	+	50.58934	-0.00005
45	15	30	—	46	13	34	—	50.62423	-0.00038
37	8	29	—	37	10	27	—	50.62677	-0.00014
18	12	7	+	19	10	9	+	50.65298	0.00004
36	8	29	+	36	10	27	+	50.65911	-0.00020
36	14	23	+	37	12	25	+	50.65964	0.00028
36	8	29	—	36	10	27	—	50.69834	-0.00014
14	7	8	+	12	5	8	+	50.70451	-0.00018
35	8	27	+	35	10	25	+	50.71657	-0.00003
36	14	23	—	37	12	25	—	50.72132	0.00005
35	8	27	—	35	10	25	—	50.75719	-0.00012
18	12	7	—	19	10	9	—	50.76371	0.00017
27	13	14	—	28	11	18	—	50.76598	0.00006

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
14	7	8	—	12	5	8	—	50.77166	-0.00025
42	16	27	—	40	16	25	—	50.77226	0.00017
34	8	27	+	34	10	25	+	50.77241	0.00004
42	15	28	—	40	15	26	—	50.77384	-0.00036
42	17	26	—	40	17	24	—	50.77428	0.00007
42	16	27	+	40	16	25	+	50.77713	-0.00003
42	14	29	—	40	14	27	—	50.78168	0.00008
42	13	30	+	40	13	28	+	50.79625	0.00008
34	8	27	—	34	10	25	—	50.81471	-0.00005
42	12	31	+	40	12	29	+	50.81813	0.00029
33	8	25	+	33	10	23	+	50.82001	-0.00012
18	8	11	+	17	6	11	+	50.84242	-0.00007
42	5	38	+	40	5	36	+	50.84319	-0.00002
42	11	32	+	40	11	30	+	50.85206	0.00031
42	11	32	—	40	11	30	—	50.85431	0.00014
33	8	25	—	33	10	23	—	50.86415	-0.00002
32	8	25	+	32	10	23	+	50.86424	-0.00036
42	10	33	+	40	10	31	+	50.90299	-0.00009
31	8	23	+	31	10	21	+	50.90348	0.00008
18	8	11	—	17	6	11	—	50.90670	-0.00007
42	10	33	—	40	10	31	—	50.90694	0.00007
32	8	25	—	32	10	23	—	50.91060	0.00019
30	8	23	+	30	10	21	+	50.93854	0.00000
31	8	23	—	31	10	21	—	50.95095	-0.00007
19	6	13	+	17	4	13	+	50.96811	-0.00020
29	8	21	+	29	10	19	+	50.96909	-0.00021
42	9	34	+	40	9	32	+	50.98042	0.00013
28	8	21	+	28	10	19	+	50.99652	-0.00006
19	6	13	—	17	4	13	—	51.01308	-0.00016
27	8	19	+	27	10	17	+	51.02015	-0.00016
29	8	21	—	29	10	19	—	51.02085	0.00005
26	8	19	+	26	10	17	+	51.04103	0.00009
46	1	46	—	44	1	44	—	51.04849	0.00002
46	1	46	+	44	1	44	+	51.04849	0.00000
28	8	21	—	28	10	19	—	51.05000	-0.00018
25	8	17	+	25	10	15	+	51.05866	0.00006
30	17	14	+	32	15	18	+	51.06650	-0.00008
24	8	17	+	24	10	15	+	51.07342	-0.00016
27	8	19	—	27	10	17	—	51.07607	-0.00003
35	6	29	—	34	4	31	—	51.07748	-0.00038
44	3	42	+	42	3	40	+	51.08607	0.00006
44	3	42	—	42	3	40	—	51.08607	-0.00010
23	8	15	+	23	10	13	+	51.08613	0.00005
22	8	15	+	22	10	13	+	51.09627	-0.00004
10	8	3	+	10	10	1	+	51.09777	0.00007
26	8	19	—	26	10	17	—	51.09904	-0.00001
12	8	5	+	12	10	3	+	51.10946	0.00025
9	9	0	—	8	7	2	—	51.11177	-0.00018
13	8	5	+	13	10	3	+	51.11374	0.00030
19	8	11	+	19	10	9	+	51.11486	-0.00037
14	8	7	+	14	10	5	+	51.11674	0.00008
18	8	11	+	18	10	9	+	51.11824	0.00007
15	8	7	+	15	10	5	+	51.11873	-0.00008
25	8	17	—	25	10	15	—	51.11917	-0.00002
17	8	9	+	17	10	7	+	51.11948	-0.00018
24	8	17	—	24	10	15	—	51.13674	-0.00008
23	8	15	—	23	10	13	—	51.15209	-0.00006
22	8	15	—	22	10	13	—	51.16528	-0.00015
21	8	13	—	21	10	11	—	51.17675	-0.00013
20	8	13	—	20	10	11	—	51.18677	0.00005
19	8	11	—	19	10	9	—	51.19499	-0.00016
18	8	11	—	18	10	9	—	51.20231	-0.00007
17	8	9	—	17	10	7	—	51.20857	-0.00005
16	8	9	—	16	10	7	—	51.21394	-0.00012
15	8	7	—	15	10	5	—	51.21894	0.00002
14	8	7	—	14	10	5	—	51.22363	0.00025
42	7	36	+	40	7	34	+	51.22820	-0.00039
42	7	36	—	40	7	34	—	51.23628	-0.00019
17	12	5	+	18	10	9	+	51.26092	0.00005
26	13	14	+	27	11	16	+	51.30141	-0.00002
21	15	6	—	23	13	10	—	51.35721	-0.00005
29	7	22	+	28	5	24	+	51.37917	0.00001

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
26	13	14	—	27	11	16	—	51.38302	-0.00026
30	7	24	+	29	5	24	+	51.40068	0.00001
29	7	22	—	28	5	24	—	51.41329	-0.00009
30	7	24	—	29	5	24	—	51.42428	-0.00032
19	8	11	+	18	6	13	+	51.44248	-0.00007
10	8	3	+	8	6	3	+	51.47694	-0.00030
50	1	50	+	50	3	48	+	51.48214	-0.00033
19	8	11	—	18	6	13	—	51.50374	-0.00009
10	8	3	—	8	6	3	—	51.56436	-0.00009
50	1	50	—	50	3	48	—	51.57456	-0.00026
10	9	2	+	9	7	2	+	51.60729	-0.00014
34	18	17	—	36	16	21	—	51.63904	0.00013
16	12	5	+	17	10	7	+	51.86787	-0.00001
25	13	12	+	26	11	16	+	51.91442	0.00018
15	7	8	+	13	5	8	+	51.92249	-0.00023
16	12	5	—	17	10	7	—	51.99281	-0.00035
43	16	27	—	41	16	25	—	51.99413	-0.00005
43	17	26	—	41	17	24	—	51.99527	-0.00035
43	16	27	+	41	16	25	+	51.99859	-0.00004
25	13	12	—	26	11	16	—	51.99989	0.00016
43	18	25	—	41	18	23	—	52.00104	0.00031
43	13	30	—	41	13	28	—	52.02213	0.00026
43	13	30	+	41	13	28	+	52.02213	0.00031
20	8	13	+	19	6	13	+	52.03924	-0.00006
43	12	31	+	41	12	29	+	52.04609	0.00016
43	12	31	—	41	12	29	—	52.04696	-0.00040
35	5	30	+	34	3	32	+	52.05000	0.00026
43	11	32	+	41	11	30	+	52.08301	-0.00017
43	11	32	—	41	11	30	—	52.08608	0.00012
20	8	13	—	19	6	13	—	52.09772	-0.00007
32	7	26	+	31	5	26	+	52.09936	-0.00004
32	7	26	—	31	5	26	—	52.11624	-0.00009
24	5	20	—	22	3	20	—	52.12841	-0.00003
43	10	33	+	41	10	31	+	52.13930	0.00000
43	10	33	—	41	10	31	—	52.14339	-0.00002
47	0	47	—	45	0	45	—	52.15324	0.00003
47	0	47	+	45	0	45	+	52.15324	0.00003
46	2	45	+	44	2	43	+	52.16651	0.00006
46	2	45	—	44	2	43	—	52.16651	0.00001
44	4	41	+	42	4	39	+	52.20453	0.00031
11	9	2	+	10	7	4	+	52.22237	-0.00016
43	9	34	+	41	9	32	+	52.22488	-0.00003
20	6	15	+	18	4	15	+	52.24102	-0.00011
20	6	15	—	18	4	15	—	52.28597	-0.00015
11	9	2	—	10	7	4	—	52.32775	-0.00010
48	2	47	+	47	0	47	+	52.41090	0.00008
31	7	24	+	30	5	26	+	52.48543	-0.00004
31	7	24	—	30	5	26	—	52.51787	-0.00003
24	13	12	+	25	11	14	+	52.52592	-0.00003
33	14	19	—	34	12	23	—	52.58595	0.00006
15	12	3	—	16	10	7	—	52.60778	-0.00024
34	7	28	+	33	5	28	+	52.61247	-0.00030
24	13	12	—	25	11	14	—	52.61510	-0.00027
21	8	13	+	20	6	15	+	52.63340	-0.00006
43	7	36	+	41	7	34	+	52.68894	0.00004
21	8	13	—	20	6	15	—	52.68913	-0.00025
43	7	36	—	41	7	34	—	52.69926	-0.00034
11	8	3	+	9	6	3	+	52.70143	-0.00021
33	18	15	+	35	16	19	+	52.75615	-0.00037
11	8	3	—	9	6	3	—	52.78536	-0.00016
12	9	4	+	11	7	4	+	52.83668	-0.00027
36	7	30	+	35	5	30	+	52.92223	-0.00003
36	7	30	—	35	5	30	—	52.92355	-0.00015
12	9	4	—	11	7	4	—	52.93580	-0.00015
24	16	9	+	26	14	13	+	52.98603	0.00021
26	4	23	+	24	2	23	+	52.98968	0.00031
38	7	32	+	37	5	32	+	53.03745	0.00016
32	14	19	+	33	12	21	+	53.13382	0.00009
23	13	10	+	24	11	14	+	53.13671	0.00007
16	7	10	+	14	5	10	+	53.13891	-0.00021
44	5	40	—	42	5	38	—	53.15815	-0.00030
16	7	10	—	14	5	10	—	53.20022	-0.00020

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
32	14	19	—	33	12	21	—	53.20496	0.00013
37	6	31	+	36	4	33	+	53.20746	-0.00034
44	16	29	—	42	16	27	—	53.21575	-0.00035
22	8	15	+	21	6	15	+	53.22254	-0.00010
44	18	27	+	42	18	25	+	53.22827	-0.00020
44	14	31	—	42	14	29	—	53.23000	-0.00026
23	13	10	—	24	11	14	—	53.23020	-0.00013
44	14	31	+	42	14	29	+	53.23099	-0.00018
44	13	32	—	42	13	30	—	53.24809	0.00004
48	1	48	+	46	1	46	+	53.25755	-0.00007
48	1	48	—	46	1	46	—	53.25755	-0.00006
21	6	15	+	19	4	15	+	53.26649	-0.00015
37	6	31	—	36	4	33	—	53.26693	0.00003
44	12	33	+	42	12	31	+	53.27425	-0.00003
22	8	15	—	21	6	15	—	53.27606	-0.00006
44	12	33	—	42	12	31	—	53.27623	0.00015
46	3	44	—	44	3	42	—	53.29424	0.00012
46	3	44	+	44	3	42	+	53.29424	0.00024
21	6	15	—	19	4	15	—	53.30586	-0.00017
44	11	34	—	42	11	32	—	53.31845	0.00028
44	10	35	+	42	10	33	+	53.37617	0.00015
44	10	35	—	42	10	33	—	53.38039	-0.00005
13	9	4	+	12	7	6	+	53.45050	-0.00011
44	9	36	+	42	9	34	+	53.46708	0.00020
13	9	4	—	12	7	6	—	53.54359	-0.00034
44	8	37	—	42	8	35	—	53.60356	-0.00039
33	7	26	+	32	5	28	+	53.61741	0.00024
33	7	26	—	32	5	28	—	53.64885	0.00012
44	6	39	+	42	6	37	+	53.67153	-0.00029
44	7	38	—	42	7	36	—	53.73722	-0.00028
31	14	17	+	32	12	21	+	53.74887	-0.00004
40	15	26	—	41	13	28	—	53.75659	0.00040
23	8	15	+	22	6	17	+	53.81001	0.00001
31	14	17	—	32	12	21	—	53.82302	0.00038
23	8	15	—	22	6	17	—	53.86121	-0.00004
12	8	5	+	10	6	5	+	53.92563	-0.00009
12	8	5	—	10	6	5	—	54.00599	-0.00019
14	9	6	+	13	7	6	+	54.06326	-0.00014
14	9	6	—	13	7	6	—	54.15121	-0.00040
39	15	24	+	40	13	28	+	54.31607	-0.00010
17	7	10	+	15	5	10	+	54.35172	-0.00021
21	13	8	+	22	11	12	+	54.35508	-0.00017
49	0	49	—	47	0	47	—	54.36178	0.00007
49	0	49	+	47	0	47	+	54.36178	0.00006
30	14	17	+	31	12	19	+	54.36310	0.00020
48	2	47	+	46	2	45	+	54.37460	0.00015
48	2	47	—	46	2	45	—	54.37460	0.00013
39	15	24	—	40	13	28	—	54.37821	0.00039
24	8	17	+	23	6	17	+	54.38868	-0.00017
17	7	10	—	15	5	10	—	54.41028	-0.00027
24	8	17	—	23	6	17	—	54.43778	-0.00009
30	14	17	—	31	12	19	—	54.43947	0.00004
45	14	31	+	43	14	29	+	54.45511	0.00008
21	13	8	—	22	11	12	—	54.45871	0.00006
45	11	34	+	43	11	32	+	54.54749	0.00009
45	10	35	—	43	10	33	—	54.61882	0.00026
22	6	17	+	20	4	17	+	54.63650	0.00011
15	9	6	+	14	7	8	+	54.67513	-0.00008
50	2	49	—	49	0	49	—	54.67734	0.00025
22	6	17	—	20	4	17	—	54.67833	-0.00007
45	9	36	—	43	9	34	—	54.72213	0.00030
15	9	6	—	14	7	8	—	54.75868	-0.00013
35	7	28	+	34	5	30	+	54.80277	0.00031
26	5	22	+	24	3	22	+	54.92390	-0.00039
25	8	17	+	24	6	19	+	54.96930	0.00002
38	15	24	—	39	13	26	—	54.99834	0.00022
25	8	17	—	24	6	19	—	55.01623	-0.00013
29	14	15	—	30	12	19	—	55.05551	0.00023
20	13	8	—	21	11	10	—	55.07242	0.00017
13	8	5	+	11	6	5	+	55.14911	-0.00017
31	18	13	+	33	16	17	+	55.18236	0.00033
51	9	42	—	51	11	40	—	55.18335	-0.00024

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
13	8	5	—	11	6	5	—	55.22620	-0.00018
16	9	8	+	15	7	8	+	55.28581	-0.00009
16	9	8	—	15	7	8	—	55.36507	-0.00024
50	9	42	—	50	11	40	—	55.37447	0.00006
46	5	42	+	44	5	40	+	55.44071	0.00013
49	9	40	—	49	11	38	—	55.46621	-0.00020
23	6	17	+	21	4	17	+	55.47507	-0.00021
48	3	46	+	46	3	44	+	55.50027	0.00006
48	3	46	—	46	3	44	—	55.50027	0.00000
23	6	17	—	21	4	17	—	55.50853	-0.00011
26	8	19	+	25	6	19	+	55.53319	-0.00002
18	7	12	+	16	5	12	+	55.56358	-0.00022
26	8	19	—	25	6	19	—	55.57805	-0.00009
48	9	40	+	48	11	38	+	55.58403	0.00022
48	9	40	—	48	11	38	—	55.61271	0.00008
37	15	22	—	38	13	26	—	55.61724	0.00007
18	7	12	—	16	5	12	—	55.61978	-0.00020
46	17	30	—	44	17	28	—	55.65870	0.00026
46	16	31	+	44	16	29	+	55.66203	-0.00016
46	15	32	—	44	15	30	—	55.66599	0.00027
28	14	15	—	29	12	17	—	55.67015	-0.00016
47	9	38	+	47	11	36	+	55.67536	0.00013
46	14	33	+	44	14	31	+	55.67927	0.00038
46	13	34	+	44	13	32	+	55.69979	0.00032
46	13	34	—	44	13	32	—	55.70110	0.00040
46	12	35	+	44	12	33	+	55.73208	0.00033
46	12	35	—	44	12	33	—	55.73431	0.00007
39	6	33	+	38	4	35	+	55.76255	0.00004
46	11	36	+	44	11	34	+	55.78056	0.00038
46	9	38	—	46	11	36	—	55.82095	0.00013
39	6	33	—	38	4	35	—	55.83261	0.00003
46	10	37	+	44	10	35	+	55.85213	0.00022
46	10	37	—	44	10	35	—	55.85690	-0.00001
45	9	36	+	45	11	34	+	55.87406	-0.00040
9	9	0	+	7	7	0	+	55.89077	-0.00017
17	9	8	+	16	7	10	+	55.89504	-0.00028
45	9	36	—	45	11	34	—	55.90689	-0.00002
46	9	38	+	44	9	36	+	55.95783	0.00007
46	9	38	—	44	9	36	—	55.96410	0.00002
44	9	36	+	44	11	34	+	55.96697	-0.00011
17	9	8	—	16	7	10	—	55.97076	-0.00016
9	9	0	—	7	7	0	—	55.98289	-0.00021
37	7	30	+	36	5	32	+	56.07745	-0.00021
43	9	34	—	43	11	32	—	56.07789	-0.00001
46	8	39	+	44	8	37	+	56.10315	0.00023
27	8	19	+	26	6	21	+	56.10836	-0.00011
37	7	30	—	36	5	32	—	56.11100	-0.00009
27	8	19	—	26	6	21	—	56.15168	-0.00010
36	15	22	—	37	13	24	—	56.23506	0.00000
27	14	13	—	28	12	17	—	56.28458	-0.00001
40	9	32	—	40	11	30	—	56.28667	-0.00010
18	13	6	—	19	11	8	—	56.29918	0.00026
39	9	30	+	39	11	28	+	56.30325	0.00010
39	9	30	—	39	11	28	—	56.34386	-0.00002
38	9	30	+	38	11	28	+	56.35510	-0.00004
14	8	7	+	12	6	7	+	56.37184	-0.00026
38	9	30	—	38	11	28	—	56.39698	-0.00037
37	9	28	+	37	11	26	+	56.40159	-0.00006
37	9	28	—	37	11	26	—	56.44541	0.00006
14	8	7	—	12	6	7	—	56.44580	-0.00019
36	9	28	—	36	11	26	—	56.48970	0.00015
18	9	10	+	17	7	10	+	56.50314	-0.00015
34	9	26	+	34	11	24	+	56.51682	-0.00022
35	9	26	—	35	11	24	—	56.52915	-0.00020
33	9	24	+	33	11	22	+	56.54756	-0.00030
34	9	26	—	34	11	24	—	56.56553	-0.00004
51	0	51	+	49	0	49	+	56.56888	-0.00004
51	0	51	—	49	0	49	—	56.56888	-0.00002
32	9	24	+	32	11	22	+	56.57522	-0.00016
18	9	10	—	17	7	10	—	56.57534	-0.00006
50	2	49	—	48	2	47	—	56.58141	0.00024
50	2	49	+	48	2	47	+	56.58141	0.00022

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
33	9	24	—	33	11	22	—	56.59813	0.00001
31	9	22	+	31	11	20	+	56.59970	-0.00001
32	9	24	—	32	11	22	—	56.62751	0.00006
29	9	20	+	29	11	18	+	56.63978	-0.00003
28	8	21	+	27	6	21	+	56.64927	-0.00007
31	9	22	—	31	11	20	—	56.65335	-0.00033
28	9	20	+	28	11	18	+	56.65594	-0.00002
27	9	18	+	27	11	16	+	56.66975	0.00000
30	9	22	—	30	11	20	—	56.67679	-0.00030
26	9	18	+	26	11	16	+	56.68100	-0.00037
11	9	2	+	11	11	0	+	56.68494	0.00021
28	8	21	—	27	6	21	—	56.69038	-0.00002
25	9	16	+	25	11	14	+	56.69103	0.00006
12	9	4	+	12	11	2	+	56.69159	0.00020
13	9	4	+	13	11	2	+	56.69747	0.00025
29	9	20	—	29	11	18	—	56.69793	0.00007
24	9	16	+	24	11	14	+	56.69875	0.00003
14	9	6	+	14	11	4	+	56.70194	-0.00031
23	9	14	+	23	11	12	+	56.70478	0.00002
15	9	6	+	15	11	4	+	56.70649	0.00002
16	9	8	+	16	11	6	+	56.70980	-0.00007
17	9	8	+	17	11	6	+	56.71202	-0.00037
21	9	12	+	21	11	10	+	56.71221	-0.00008
20	9	12	+	20	11	10	+	56.71401	-0.00001
18	9	10	+	18	11	8	+	56.71408	0.00011
28	9	20	—	28	11	18	—	56.71607	-0.00015
27	9	18	—	27	11	16	—	56.73234	-0.00002
26	9	18	—	26	11	16	—	56.74641	-0.00006
25	9	16	—	25	11	14	—	56.75873	0.00000
19	7	12	+	17	5	12	+	56.76818	-0.00019
24	9	16	—	24	11	14	—	56.76928	-0.00005
23	9	14	—	23	11	12	—	56.77842	-0.00002
22	9	14	—	22	11	12	—	56.78606	-0.00017
21	9	12	—	21	11	10	—	56.79283	-0.00002
20	9	12	—	20	11	10	—	56.79843	-0.00005
19	9	10	—	19	11	8	—	56.80336	0.00008
18	9	10	—	18	11	8	—	56.80721	-0.00018
17	9	8	—	17	11	6	—	56.81080	-0.00017
16	9	8	—	16	11	6	—	56.81435	0.00016
15	9	6	—	15	11	4	—	56.81759	0.00039
14	9	6	—	14	11	4	—	56.82016	-0.00002
19	7	12	—	17	5	12	—	56.82193	-0.00020
13	9	4	—	13	11	2	—	56.82334	0.00004
52	2	51	+	51	0	51	+	56.84801	0.00000
47	15	32	+	45	15	30	+	56.88908	-0.00020
26	14	13	—	27	12	15	—	56.89805	-0.00019
47	13	34	+	45	13	32	+	56.92566	0.00009
47	11	36	—	45	11	34	—	57.01747	-0.00005
24	6	19	+	22	4	19	+	57.03920	-0.00006
24	6	19	—	22	4	19	—	57.07847	-0.00022
47	10	37	+	45	10	35	+	57.09127	-0.00031
19	9	10	+	18	7	12	+	57.10955	-0.00009
10	9	2	+	8	7	2	+	57.11532	-0.00016
19	9	10	—	18	7	12	—	57.17842	-0.00012
10	9	2	—	8	7	2	—	57.20592	-0.00021
10	10	1	+	9	8	1	+	57.21804	-0.00003
29	8	21	+	28	6	23	+	57.22528	0.00002
29	8	21	—	28	6	23	—	57.26507	-0.00006
10	10	1	—	9	8	1	—	57.33885	-0.00038
47	8	39	+	45	8	37	+	57.43762	0.00040
39	7	32	+	38	5	34	+	57.48728	-0.00009
39	7	32	—	38	5	34	—	57.52423	0.00026
25	6	19	—	23	4	19	—	57.58559	-0.00016
15	8	7	+	13	6	7	+	57.59388	-0.00010
15	8	7	—	13	6	7	—	57.66457	-0.00026
52	1	52	+	50	1	50	+	57.67188	-0.00014
52	1	52	—	50	1	50	—	57.67188	-0.00010
48	5	44	+	46	5	42	+	57.70211	0.00035
48	5	44	—	46	5	42	—	57.70355	0.00009
20	9	12	+	19	7	12	+	57.71413	-0.00001
30	8	23	+	29	6	23	+	57.72831	0.00001
30	8	23	—	29	6	23	—	57.76548	-0.00005

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
20	9	12	—	19	7	12	—	57.77988	-0.00020
11	10	1	+	10	8	3	+	57.83395	-0.00014
28	5	24	+	26	3	24	+	57.92283	0.00021
11	10	1	—	10	8	3	—	57.94819	0.00003
20	7	14	+	18	5	14	+	57.97578	-0.00006
47	7	40	—	45	7	38	—	58.00226	-0.00006
24	14	11	+	25	12	13	+	58.02586	-0.00014
20	7	14	—	18	5	14	—	58.02722	-0.00031
33	15	18	—	34	13	22	—	58.08230	-0.00031
48	15	34	+	46	15	32	+	58.11133	-0.00001
48	14	35	—	46	14	33	—	58.12754	0.00025
48	11	38	+	46	11	36	+	58.24723	0.00001
21	9	12	+	20	7	14	+	58.31657	-0.00003
31	8	23	+	30	6	25	+	58.31846	-0.00005
48	10	39	+	46	10	37	+	58.33089	-0.00003
48	10	39	—	46	10	37	—	58.33650	0.00004
11	9	2	+	9	7	2	+	58.34049	0.00016
31	8	23	—	30	6	25	—	58.35522	-0.00003
21	9	12	—	20	7	14	—	58.37967	-0.00013
11	9	2	—	9	7	2	—	58.42847	-0.00009
12	10	3	+	11	8	3	+	58.44954	-0.00013
12	10	3	—	11	8	3	—	58.55714	-0.00015
32	15	18	+	33	13	20	+	58.61921	0.00010
41	16	25	—	42	14	29	—	58.62139	0.00022
32	15	18	—	33	13	20	—	58.69676	0.00005
32	8	25	+	31	6	25	+	58.75738	0.00013
53	0	53	+	51	0	51	+	58.77466	-0.00010
53	0	53	—	51	0	51	—	58.77466	-0.00006
52	2	51	—	50	2	49	—	58.78661	0.00009
52	2	51	+	50	2	49	+	58.78661	-0.00002
32	8	25	—	31	6	25	—	58.79050	0.00001
16	8	9	+	14	6	9	+	58.81448	-0.00023
16	8	9	—	14	6	9	—	58.88242	-0.00028
22	9	14	+	21	7	14	+	58.91667	-0.00007
22	9	14	—	21	7	14	—	58.97726	-0.00012
13	10	3	+	12	8	5	+	59.06468	-0.00007
41	7	34	+	40	5	36	+	59.08464	0.00010
41	7	34	—	40	5	36	—	59.12579	-0.00037
13	10	3	—	12	8	5	—	59.16644	-0.00006
21	7	14	+	19	5	14	+	59.16653	-0.00013
21	7	14	—	19	5	14	—	59.21595	-0.00007
31	15	16	+	32	13	20	+	59.22964	0.00000
49	13	36	+	47	13	34	+	59.37844	0.00034
33	8	25	+	32	6	27	+	59.38898	-0.00023
33	8	25	—	32	6	27	—	59.42299	-0.00014
26	6	21	+	24	4	21	+	59.46603	-0.00017
27	6	21	+	25	4	21	+	59.48670	0.00000
26	6	21	—	24	4	21	—	59.50446	0.00013
27	6	21	—	25	4	21	—	59.50642	0.00018
23	9	14	+	22	7	16	+	59.51436	-0.00004
29	2	27	—	27	0	27	—	59.55140	-0.00037
12	9	4	+	10	7	4	+	59.56494	-0.00026
23	9	14	—	22	7	16	—	59.57257	-0.00008
49	10	39	+	47	10	37	+	59.57297	0.00011
12	9	4	—	10	7	4	—	59.65050	-0.00011
14	10	5	+	13	8	5	+	59.67931	0.00005
34	8	27	+	33	6	27	+	59.71774	-0.00001
34	8	27	—	33	6	27	—	59.74659	-0.00001
14	10	5	—	13	8	5	—	59.77579	0.00010
30	15	16	+	31	13	18	+	59.83942	0.00010
54	1	54	+	52	1	52	+	59.87707	-0.00009
54	1	54	—	52	1	52	—	59.87707	-0.00002
30	15	16	—	31	13	18	—	59.92272	-0.00003
50	5	46	—	48	5	44	—	59.94437	0.00017
17	8	9	+	15	6	9	+	60.03383	-0.00020
17	8	9	—	15	6	9	—	60.09922	-0.00011
24	9	16	+	23	7	16	+	60.10913	0.00002
24	9	16	—	23	7	16	—	60.16506	-0.00005
15	10	5	+	14	8	7	+	60.29307	-0.00005
22	7	16	+	20	5	16	+	60.37248	-0.00007
15	10	5	—	14	8	7	—	60.38453	-0.00019
38	16	23	+	39	14	25	+	60.39813	-0.00009

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
22	7	16	—	20	5	16	—	60.42006	-0.00020
35	8	27	+	34	6	29	+	60.44458	0.00039
29	15	14	+	30	13	18	+	60.44806	-0.00017
35	8	27	—	34	6	29	—	60.47274	-0.00034
36	8	29	+	35	6	29	+	60.58422	0.00007
36	8	29	—	35	6	29	—	60.60804	0.00006
25	9	16	+	24	7	18	+	60.70082	-0.00012
25	9	16	—	24	7	18	—	60.75462	-0.00020
13	9	4	+	11	7	4	+	60.78988	-0.00004
13	9	4	—	11	7	4	—	60.87240	0.00005
16	10	7	+	15	8	7	+	60.90601	-0.00024
43	7	36	+	42	5	38	+	60.93047	0.00023
50	9	42	—	48	9	40	—	60.95890	-0.00039
43	7	36	—	42	5	38	—	60.97874	-0.00019
55	0	55	—	53	0	53	—	60.97898	-0.00013
55	0	55	+	53	0	53	+	60.97898	-0.00021
54	2	53	—	52	2	51	—	60.99074	0.00026
54	2	53	+	52	2	51	+	60.99074	0.00005
16	10	7	—	15	8	7	—	60.99341	-0.00003
28	15	14	+	29	13	16	+	61.05650	0.00010
37	16	21	—	38	14	25	—	61.08091	-0.00007
30	5	26	—	28	3	26	—	61.15264	-0.00035
19	14	5	—	20	12	9	—	61.18367	-0.00008
29	6	23	+	27	4	23	+	61.24562	-0.00011
18	8	11	+	16	6	11	+	61.25143	-0.00030
29	6	23	—	27	4	23	—	61.25806	-0.00027
56	2	55	+	55	0	55	+	61.27791	-0.00015
26	9	18	+	25	7	18	+	61.28892	-0.00001
18	8	11	—	16	6	11	—	61.31457	0.00005
26	9	18	—	25	7	18	—	61.34069	-0.00011
50	10	41	+	50	12	39	+	61.39408	-0.00033
49	10	39	+	49	12	37	+	61.47679	-0.00005
37	8	29	+	36	6	31	+	61.48445	0.00001
17	10	7	+	16	8	9	+	61.51849	-0.00005
23	7	16	+	21	5	16	+	61.53920	0.00007
23	7	16	—	21	5	16	—	61.58420	-0.00016
17	10	7	—	16	8	9	—	61.60165	-0.00005
36	16	21	—	37	14	23	—	61.69374	-0.00005
46	10	37	+	46	12	35	+	61.69846	0.00008
46	10	37	—	46	12	35	—	61.73492	-0.00040
27	15	12	—	28	13	16	—	61.75773	0.00010
45	10	35	+	45	12	33	+	61.76029	-0.00017
18	14	5	—	19	12	7	—	61.79608	0.00033
44	10	35	+	44	12	33	+	61.81818	-0.00036
44	10	35	—	44	12	33	—	61.85791	-0.00007
43	10	33	+	43	12	31	+	61.87140	-0.00001
27	9	18	+	26	7	20	+	61.87385	-0.00004
43	10	33	—	43	12	31	—	61.91214	0.00000
42	10	33	+	42	12	31	+	61.91991	-0.00037
28	6	23	+	26	4	23	+	61.94040	-0.00001
42	10	33	—	42	12	31	—	61.96213	-0.00021
41	10	31	+	41	12	29	+	61.96459	-0.00019
28	6	23	—	26	4	23	—	61.97808	-0.00017
40	10	31	+	40	12	29	+	62.00521	-0.00031
41	10	31	—	41	12	29	—	62.00818	-0.00002
14	9	6	+	12	7	6	+	62.01416	-0.00014
38	10	29	+	38	12	27	+	62.07579	-0.00026
56	1	56	+	54	1	54	+	62.08072	-0.00013
56	1	56	—	54	1	54	—	62.08072	-0.00003
39	10	29	—	39	12	27	—	62.08855	-0.00020
14	9	6	—	12	7	6	—	62.09366	-0.00009
37	10	27	+	37	12	25	+	62.10629	-0.00002
38	10	29	—	38	12	27	—	62.12391	0.00011
18	10	9	+	17	8	9	+	62.12987	-0.00001
37	10	27	—	37	12	25	—	62.15556	-0.00004
34	10	25	+	34	12	23	+	62.17951	0.00010
36	10	27	—	36	12	25	—	62.18445	0.00005
33	10	23	+	33	12	21	+	62.19836	-0.00010
18	10	9	—	17	8	9	—	62.20937	0.00003
35	10	25	—	35	12	23	—	62.21002	-0.00034
32	10	23	+	32	12	21	+	62.21490	-0.00024
51	9	42	+	49	9	40	+	62.23171	0.00009

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
34	10	25	—	34	12	23	—	62.23371	0.00002
30	10	21	+	30	12	19	+	62.24181	-0.00017
12	10	3	+	12	12	1	+	62.24203	-0.00004
33	10	23	—	33	12	21	—	62.25438	-0.00018
14	10	5	+	14	12	3	+	62.25570	0.00011
15	10	5	+	15	12	3	+	62.26138	-0.00002
16	10	7	+	16	12	5	+	62.26651	-0.00006
27	10	17	+	27	12	15	+	62.26810	-0.00001
26	15	12	+	27	13	14	+	62.27075	-0.00004
17	10	7	+	17	12	5	+	62.27114	0.00005
32	10	23	—	32	12	21	—	62.27337	0.00023
26	10	17	+	26	12	15	+	62.27359	0.00000
18	10	9	+	18	12	7	+	62.27499	0.00006
25	10	15	+	25	12	13	+	62.27759	-0.00005
19	10	9	+	19	12	7	+	62.27769	-0.00036
24	10	15	+	24	12	13	+	62.28019	-0.00021
20	10	11	+	20	12	9	+	62.28053	0.00015
23	10	13	+	23	12	11	+	62.28176	-0.00020
21	10	11	+	21	12	9	+	62.28192	0.00006
22	10	13	+	22	12	11	+	62.28254	0.00013
31	10	21	—	31	12	19	—	62.28930	-0.00029
30	10	21	—	30	12	19	—	62.30390	-0.00018
35	16	19	—	36	14	23	—	62.30598	0.00010
29	10	19	—	29	12	17	—	62.31680	0.00003
28	10	19	—	28	12	17	—	62.32757	-0.00023
25	10	15	—	25	12	13	—	62.35204	-0.00034
24	10	15	—	24	12	13	—	62.35830	0.00009
23	10	13	—	23	12	11	—	62.36310	0.00003
22	10	13	—	22	12	11	—	62.36693	-0.00016
21	10	11	—	21	12	9	—	62.37052	0.00011
20	10	11	—	20	12	9	—	62.37285	-0.00030
19	10	9	—	19	12	7	—	62.37552	0.00009
18	10	9	—	18	12	7	—	62.37747	0.00009
16	10	7	—	16	12	5	—	62.38046	-0.00034
15	10	5	—	15	12	3	—	62.38271	0.00017
14	10	5	—	14	12	3	—	62.38466	0.00017
13	10	3	—	13	12	1	—	62.38647	-0.00034
12	10	3	—	12	12	1	—	62.38964	-0.00004
17	14	3	—	18	12	7	—	62.40798	-0.00005
28	9	20	+	27	7	20	+	62.45351	0.00001
25	18	7	+	27	16	11	+	62.45472	0.00012
19	8	11	+	17	6	11	+	62.46732	-0.00010
28	9	20	—	27	7	20	—	62.50140	-0.00022
19	8	11	—	17	6	11	—	62.52775	-0.00008
60	1	60	—	60	3	58	—	62.72230	0.00032
10	10	1	+	8	8	1	+	62.72932	-0.00013
19	10	9	+	18	8	11	+	62.74019	0.00003
24	7	18	+	22	5	18	+	62.75210	-0.00004
24	7	18	—	22	5	18	—	62.79616	-0.00015
19	10	9	—	18	8	11	—	62.81617	-0.00004
10	10	1	—	8	8	1	—	62.82167	-0.00004
34	16	19	+	35	14	21	+	62.83881	0.00004
31	6	25	—	29	4	25	—	62.86317	-0.00019
16	14	3	+	17	12	5	+	62.86975	-0.00025
29	9	20	—	28	7	22	—	63.07690	-0.00020
52	11	42	+	50	11	40	+	63.18765	0.00027
52	11	42	—	50	11	40	—	63.19258	-0.00009
56	2	55	+	54	2	53	+	63.19314	-0.00017
56	2	55	—	54	2	53	—	63.19314	0.00017
15	9	6	+	13	7	6	+	63.23801	-0.00018
15	9	6	—	13	7	6	—	63.31461	-0.00013
20	10	11	+	19	8	11	+	63.34920	-0.00003
11	11	0	+	10	9	2	+	63.41767	0.00004
20	10	11	—	19	8	11	—	63.42211	-0.00003
58	2	57	—	57	0	57	—	63.53663	0.00038
11	11	0	—	10	9	2	—	63.53956	0.00001
24	15	10	—	25	13	12	—	63.58933	-0.00006
30	9	22	+	29	7	22	+	63.59988	0.00029
30	9	22	—	29	7	22	—	63.64426	0.00002
20	8	13	+	18	6	13	+	63.68097	-0.00010
20	8	13	—	18	6	13	—	63.73913	-0.00013
25	7	18	+	23	5	18	+	63.87443	-0.00007

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
25	7	18	—	23	5	18	—	63.91550	-0.00013
11	10	1	+	9	8	1	+	63.95422	-0.00024
21	10	11	+	20	8	13	+	63.95686	-0.00009
21	10	11	—	20	8	13	—	64.02688	-0.00007
12	11	2	+	11	9	2	+	64.03397	-0.00010
11	10	1	—	9	8	1	—	64.04531	-0.00017
31	9	22	+	30	7	24	+	64.16855	-0.00011
23	15	8	—	24	13	12	—	64.19946	-0.00019
31	9	22	—	30	7	24	—	64.21162	-0.00014
14	14	1	—	15	12	3	—	64.24789	-0.00010
58	1	58	—	56	1	56	—	64.28294	0.00004
58	1	58	+	56	1	56	+	64.28294	-0.00011
33	6	27	—	31	4	27	—	64.37953	-0.00035
54	5	50	—	52	5	48	—	64.38223	0.00032
16	9	8	+	14	7	8	+	64.46159	0.00014
30	6	25	+	28	4	25	+	64.48927	0.00022
30	6	25	—	28	4	25	—	64.52779	0.00010
16	9	8	—	14	7	8	—	64.53505	-0.00015
22	10	13	+	21	8	13	+	64.56311	-0.00005
22	10	13	—	21	8	13	—	64.63017	-0.00028
13	11	2	+	12	9	4	+	64.65012	-0.00007
40	17	24	—	41	15	26	—	64.66111	0.00025
31	16	15	+	32	14	19	+	64.66162	0.00030
22	15	8	+	23	13	10	+	64.69311	0.00018
32	9	24	—	31	7	24	—	64.76451	-0.00006
22	15	8	—	23	13	10	—	64.80971	-0.00018
32	4	29	—	30	2	29	—	64.87055	-0.00035
21	8	13	+	19	6	13	+	64.89172	-0.00007
21	8	13	—	19	6	13	—	64.94780	-0.00006
26	7	20	+	24	5	20	+	65.11462	-0.00002
26	7	20	—	24	5	20	—	65.15555	-0.00015
23	10	13	+	22	8	15	+	65.16775	0.00005
12	10	3	+	10	8	3	+	65.17956	-0.00022
23	10	13	—	22	8	15	—	65.23246	0.00000
14	11	4	+	13	9	4	+	65.26589	-0.00005
12	10	3	—	10	8	3	—	65.26873	-0.00005
33	9	24	+	32	7	26	+	65.28509	0.00005
21	15	6	+	22	13	10	+	65.29756	0.00028
33	9	24	—	32	7	26	—	65.32498	-0.00008
14	11	4	—	13	9	4	—	65.36984	-0.00016
59	0	59	+	57	0	57	+	65.38382	0.00027
58	2	57	—	56	2	55	—	65.39390	-0.00004
21	15	6	—	22	13	10	—	65.42035	0.00017
17	9	8	+	15	7	8	+	65.68377	-0.00013
47	7	40	—	46	5	42	—	65.70932	-0.00023
17	9	8	—	15	7	8	—	65.75496	-0.00004
24	10	15	+	23	8	15	+	65.77043	0.00004
38	17	22	+	39	15	24	+	65.80681	0.00031
34	9	26	+	33	7	26	+	65.81953	0.00035
24	10	15	—	23	8	15	—	65.83273	-0.00004
34	9	26	—	33	7	26	—	65.85726	-0.00012
29	16	13	+	30	14	17	+	65.87325	-0.00014
15	11	4	+	14	9	6	+	65.88122	-0.00004
35	6	29	—	33	4	29	—	65.89866	-0.00008
15	11	4	—	14	9	6	—	65.98011	-0.00022
22	8	15	+	20	6	15	+	66.10021	-0.00010
22	8	15	—	20	6	15	—	66.15435	-0.00005
27	7	20	+	25	5	20	+	66.15619	-0.00003
27	7	20	—	25	5	20	—	66.19298	-0.00005
25	10	15	+	24	8	17	+	66.37100	-0.00003
35	9	26	+	34	7	28	+	66.37709	-0.00028
13	10	3	+	11	8	3	+	66.40517	-0.00003
37	17	20	+	38	15	24	+	66.41354	0.00004
35	9	26	—	34	7	28	—	66.41451	0.00003
25	10	15	—	24	8	17	—	66.43113	-0.00006
28	16	13	+	29	14	15	+	66.47867	0.00000
13	10	3	—	11	8	3	—	66.49180	0.00003
16	11	6	+	15	9	6	+	66.49608	-0.00002
16	11	6	—	15	9	6	—	66.59079	0.00021
36	9	28	+	35	7	28	+	66.88062	0.00003
18	9	10	+	16	7	10	+	66.90533	-0.00006
36	9	28	—	35	7	28	—	66.91553	-0.00006

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
26	10	17	+	25	8	17	+	66.96905	-0.00036
18	9	10	-	16	7	10	-	66.97385	-0.00012
26	10	17	-	25	8	17	-	67.02745	-0.00002
27	16	11	+	28	14	15	+	67.08316	-0.00034
17	11	6	+	16	9	8	+	67.11043	0.00004
52	11	42	-	52	13	40	-	67.16406	-0.00012
32	6	27	-	30	4	27	-	67.18218	0.00006
17	11	6	-	16	9	8	-	67.20057	-0.00009
50	11	40	+	50	13	38	+	67.25872	-0.00017
23	8	15	+	21	6	15	+	67.30422	-0.00004
49	11	38	-	49	13	36	-	67.35503	-0.00015
23	8	15	-	21	6	15	-	67.35637	-0.00006
48	11	38	+	48	13	36	+	67.37096	0.00033
37	9	28	+	36	7	30	+	67.44383	-0.00001
47	11	36	-	47	13	34	-	67.46064	-0.00034
28	7	22	+	26	5	22	+	67.46300	-0.00008
37	9	28	-	36	7	30	-	67.47822	0.00001
28	7	22	-	26	5	22	-	67.50142	-0.00007
45	11	34	+	45	13	32	+	67.50813	-0.00001
46	11	36	-	46	13	34	-	67.50834	0.00032
44	11	34	+	44	13	32	+	67.54651	-0.00026
43	11	32	+	43	13	30	+	67.58173	-0.00034
44	11	34	-	44	13	32	-	67.59100	-0.00024
60	2	59	-	58	2	57	-	67.59311	-0.00019
44	18	27	-	45	16	29	-	67.59698	-0.00023
27	10	17	-	26	8	19	-	67.62144	0.00002
35	17	18	+	36	15	22	+	67.62541	-0.00029
14	10	5	+	12	8	5	+	67.63043	-0.00013
41	11	30	+	41	13	28	+	67.64311	-0.00032
42	11	32	-	42	13	30	-	67.66123	-0.00012
40	11	30	+	40	13	28	+	67.66969	-0.00013
26	16	11	+	27	14	13	+	67.68827	0.00036
41	11	30	-	41	13	28	-	67.69207	0.00015
17	15	2	+	18	13	6	+	67.71065	0.00027
14	10	5	-	12	8	5	-	67.71444	-0.00009
38	11	28	+	38	13	26	+	67.71446	-0.00032
18	11	8	+	17	9	8	+	67.72396	-0.00008
37	11	26	+	37	13	24	+	67.73369	0.00004
39	11	28	-	39	13	26	-	67.74513	0.00017
36	11	26	+	36	13	24	+	67.75025	-0.00005
35	11	24	+	35	13	22	+	67.76454	-0.00033
14	11	4	+	14	13	2	+	67.77465	-0.00003
34	11	24	+	34	13	22	+	67.77750	0.00002
16	11	6	+	16	13	4	+	67.78813	-0.00021
33	11	22	+	33	13	20	+	67.78819	-0.00006
37	11	26	-	37	13	24	-	67.78827	0.00007
17	11	6	+	17	13	4	+	67.79464	0.00021
32	11	22	+	32	13	20	+	67.79734	0.00002
18	11	8	+	18	13	6	+	67.80006	0.00004
31	11	20	+	31	13	18	+	67.80480	0.00002
36	11	26	-	36	13	24	-	67.80635	-0.00017
20	11	10	+	20	13	8	+	67.80962	0.00004
18	11	8	-	17	9	8	-	67.81046	0.00002
30	11	20	+	30	13	18	+	67.81061	-0.00015
21	11	10	+	21	13	8	+	67.81318	-0.00029
29	11	18	+	29	13	16	+	67.81557	0.00021
22	11	12	+	22	13	10	+	67.81670	-0.00001
28	11	18	+	28	13	16	+	67.81859	-0.00008
27	11	16	+	27	13	14	+	67.82084	0.00004
24	11	14	+	24	13	12	+	67.82102	0.00005
26	11	16	+	26	13	14	+	67.82183	-0.00001
25	11	14	+	25	13	12	+	67.82187	0.00000
34	11	24	-	34	13	22	-	67.83690	-0.00036
33	11	22	-	33	13	20	-	67.84995	0.00000
17	15	2	-	18	13	6	-	67.86377	-0.00012
30	11	20	-	30	13	18	-	67.87886	0.00002
29	11	18	-	29	13	16	-	67.88572	-0.00009
28	11	18	-	28	13	16	-	67.89174	0.00010
27	11	16	-	27	13	14	-	67.89629	-0.00016
38	9	30	+	37	7	30	+	67.89777	0.00003
26	11	16	-	26	13	14	-	67.90012	-0.00023
25	11	14	-	25	13	12	-	67.90343	-0.00002

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
24	11	14	—	24	13	12	—	67.90559	-0.00025
23	11	12	—	23	13	10	—	67.90756	-0.00009
21	11	10	—	21	13	8	—	67.90965	-0.00023
20	11	10	—	20	13	8	—	67.91042	-0.00009
19	11	8	—	19	13	6	—	67.91108	0.00012
18	11	8	—	18	13	6	—	67.91136	0.00003
13	11	2	—	13	13	0	—	67.91587	-0.00015
55	8	47	—	53	8	45	—	67.92195	0.00040
38	9	30	—	37	7	30	—	67.92920	-0.00021
19	9	10	+	17	7	10	+	68.12565	-0.00007
28	10	19	+	27	8	19	+	68.15857	0.00001
19	9	10	—	17	7	10	—	68.19181	-0.00011
28	10	19	—	27	8	19	—	68.21258	-0.00017
34	17	18	+	35	15	20	+	68.23084	-0.00014
25	16	9	+	26	14	13	+	68.29168	-0.00026
19	11	8	+	18	9	10	+	68.33698	0.00000
29	7	22	+	27	5	22	+	68.36075	-0.00003
29	7	22	—	27	5	22	—	68.39266	-0.00009
19	11	8	—	18	9	10	—	68.41953	-0.00026
39	9	30	+	38	7	32	+	68.48397	-0.00001
24	8	17	+	22	6	17	+	68.50679	-0.00002
39	9	30	—	38	7	32	—	68.51583	0.00002
24	8	17	—	22	6	17	—	68.55714	-0.00007
62	1	62	—	60	1	60	—	68.68275	0.00031
62	1	62	+	60	1	60	+	68.68275	0.00008
29	10	19	+	28	8	21	+	68.74890	-0.00002
29	10	19	—	28	8	21	—	68.80132	0.00001
15	10	5	+	13	8	5	+	68.85561	-0.00011
40	9	32	+	39	7	32	+	68.85692	0.00003
40	9	32	—	39	7	32	—	68.88487	-0.00005
15	15	0	+	16	13	4	+	68.91451	0.00032
15	10	5	—	13	8	5	—	68.93709	0.00006
20	11	10	+	19	9	10	+	68.94906	-0.00004
20	11	10	—	19	9	10	—	69.02850	-0.00011
15	15	0	—	16	13	4	—	69.08857	-0.00029
30	10	21	+	29	8	21	+	69.33590	-0.00006
20	9	12	+	18	7	12	+	69.34462	-0.00010
30	10	21	—	29	8	21	—	69.38665	0.00002
20	9	12	—	18	7	12	—	69.40853	-0.00013
41	18	23	—	42	16	27	—	69.42090	-0.00017
32	17	16	+	33	15	18	+	69.43981	-0.00032
41	9	32	+	40	7	34	+	69.49947	0.00004
41	9	32	—	40	7	34	—	69.52907	0.00004
32	17	16	—	33	15	18	—	69.53033	-0.00035
11	11	0	+	9	9	0	+	69.54134	-0.00005
21	11	10	+	20	9	12	+	69.56022	-0.00010
12	12	1	+	11	10	1	+	69.58781	0.00005
11	11	0	—	9	9	0	—	69.63371	-0.00002
21	11	10	—	20	9	12	—	69.63677	0.00002
25	8	17	+	23	6	17	+	69.70127	-0.00001
12	12	1	—	11	10	1	—	69.71022	-0.00008
42	9	34	+	41	7	34	+	69.73901	0.00032
25	8	17	—	23	6	17	—	69.74974	-0.00013
63	0	63	—	61	0	61	—	69.78092	-0.00038
62	2	61	+	60	2	59	+	69.79212	0.00032
30	7	24	+	28	5	24	+	69.80473	0.00003
30	7	24	—	28	5	24	—	69.84089	-0.00006
31	10	21	+	30	8	23	+	69.91980	0.00002
31	10	21	—	30	8	23	—	69.96876	-0.00004
34	6	29	—	32	4	29	—	69.97092	0.00032
31	17	14	+	32	15	18	+	70.04386	-0.00021
16	10	7	+	14	8	7	+	70.08047	-0.00009
16	10	7	—	14	8	7	—	70.15918	-0.00006
64	2	63	—	63	0	63	—	70.15958	-0.00012
22	11	12	+	21	9	12	+	70.17060	0.00009
13	12	1	+	12	10	3	+	70.20471	0.00002
22	11	12	—	21	9	12	—	70.24400	-0.00008
13	12	1	—	12	10	3	—	70.32142	0.00012
31	7	24	+	29	5	24	+	70.45726	-0.00004
31	7	24	—	29	5	24	—	70.48337	-0.00032
43	9	34	+	42	7	36	+	70.49557	-0.00018
32	10	23	+	31	8	23	+	70.49957	0.00009

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
44	9	36	+	43	7	36	+	70.51645	-0.00022
43	9	34	-	42	7	36	-	70.52308	0.00008
32	10	23	-	31	8	23	-	70.54681	-0.00010
21	9	12	+	19	7	12	+	70.56229	0.00012
21	9	12	-	19	7	12	-	70.62392	-0.00006
27	20	7	-	29	18	11	-	70.66707	-0.00033
21	16	5	+	22	14	9	+	70.70458	-0.00011
30	17	14	-	31	15	16	-	70.74466	-0.00019
12	11	2	+	10	9	2	+	70.76689	-0.00008
23	11	12	+	22	9	14	+	70.77956	0.00000
14	12	3	+	13	10	3	+	70.82130	-0.00011
21	16	5	-	22	14	9	-	70.83699	-0.00039
23	11	12	-	22	9	14	-	70.85041	-0.00005
12	11	2	-	10	9	2	-	70.85823	-0.00005
64	1	64	-	62	1	62	-	70.88003	0.00031
64	1	64	+	62	1	62	+	70.88003	0.00006
26	8	19	+	24	6	19	+	70.89782	0.00007
14	12	3	-	13	10	3	-	70.93262	0.00011
18	18	1	+	20	16	5	+	70.93309	0.00035
26	8	19	-	24	6	19	-	70.94464	-0.00014
33	10	23	-	32	8	25	-	71.12169	-0.00001
46	9	38	+	45	7	38	+	71.15726	0.00019
46	9	38	-	45	7	38	-	71.17024	0.00018
38	18	21	-	39	16	23	-	71.24081	0.00005
17	10	7	+	15	8	7	+	71.30484	-0.00010
20	16	5	+	21	14	7	+	71.30696	-0.00014
22	19	4	+	24	17	8	+	71.35387	-0.00022
17	10	7	-	15	8	7	-	71.38101	-0.00006
24	11	14	+	23	9	14	+	71.38731	-0.00004
15	12	3	+	14	10	5	+	71.43779	-0.00007
24	11	14	-	23	9	14	-	71.45578	0.00003
45	9	36	+	44	7	38	+	71.48155	0.00005
45	9	36	-	44	7	38	-	71.50733	0.00000
15	12	3	-	14	10	5	-	71.54390	0.00002
48	9	40	+	47	7	40	+	71.62111	-0.00038
48	9	40	-	47	7	40	-	71.62762	0.00016
34	10	25	+	33	8	25	+	71.64668	-0.00002
34	10	25	-	33	8	25	-	71.69110	-0.00001
37	18	19	+	38	16	23	+	71.76383	-0.00016
22	9	14	+	20	7	14	+	71.77781	-0.00006
22	9	14	-	20	7	14	-	71.83756	-0.00009
50	9	42	+	49	7	42	+	71.87447	-0.00005
28	17	12	-	29	15	14	-	71.95876	0.00016
65	0	65	-	63	0	63	-	71.97770	-0.00003
65	0	65	+	63	0	63	+	71.97770	-0.00027
13	11	2	+	11	9	2	+	71.99279	-0.00007
25	11	14	+	24	9	16	+	71.99371	-0.00004
16	12	5	+	15	10	5	+	72.05404	0.00003
25	11	14	-	24	9	16	-	72.05982	0.00002
27	8	19	+	25	6	19	+	72.07814	-0.00011
13	11	2	-	11	9	2	-	72.08242	-0.00003
27	8	19	-	25	6	19	-	72.12363	0.00016
32	7	26	+	30	5	26	+	72.15172	-0.00007
16	12	5	-	15	10	5	-	72.15539	0.00007
32	7	26	-	30	5	26	-	72.18646	-0.00011
35	10	25	+	34	8	27	+	72.21441	-0.00021
35	10	25	-	34	8	27	-	72.25763	0.00002
36	18	19	+	37	16	21	+	72.36735	0.00034
33	7	26	+	31	5	26	+	72.41090	0.00017
33	7	26	-	31	5	26	-	72.43067	-0.00002
18	10	9	+	16	8	9	+	72.52866	-0.00010
18	10	9	-	16	8	9	-	72.60231	-0.00011
26	11	16	-	25	9	16	-	72.66237	-0.00008
17	12	5	+	16	10	7	+	72.66978	-0.00001
17	12	5	-	16	10	7	-	72.76677	0.00002
36	10	27	+	35	8	27	+	72.77475	-0.00004
36	10	27	-	35	8	27	-	72.81622	-0.00012
36	6	31	-	34	4	31	-	72.91921	0.00028
23	9	14	+	21	7	14	+	72.99148	-0.00006
23	9	14	-	21	7	14	-	73.04931	-0.00010
35	18	17	-	36	16	21	-	73.05721	-0.00038
26	17	10	+	27	15	12	+	73.05895	0.00010

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
66	1	66	+	64	1	64	+	73.07572	0.00020
17	16	1	+	18	14	5	+	73.11249	0.00005
46	12	35	+	46	14	33	+	73.13030	0.00014
44	12	33	+	44	14	31	+	73.18287	-0.00015
27	11	16	+	26	9	18	+	73.20182	0.00005
45	12	33	-	45	14	31	-	73.20545	-0.00027
43	12	31	+	43	14	29	+	73.20571	-0.00001
14	11	4	+	12	9	4	+	73.21886	-0.00004
41	12	29	+	41	14	27	+	73.24436	0.00003
14	12	3	+	14	14	1	+	73.25723	-0.00010
40	12	29	+	40	14	27	+	73.26039	-0.00008
27	11	16	-	26	9	18	-	73.26347	-0.00007
15	12	3	+	15	14	1	+	73.26540	-0.00007
28	8	21	+	26	6	21	+	73.27042	-0.00002
16	12	5	+	16	14	3	+	73.27293	-0.00029
39	12	27	+	39	14	25	+	73.27441	-0.00025
42	12	31	-	42	14	29	-	73.27794	-0.00004
17	12	5	+	17	14	3	+	73.28075	0.00015
18	12	7	+	17	10	7	+	73.28517	0.00002
38	12	27	+	38	14	25	+	73.28696	-0.00005
19	12	7	+	19	14	5	+	73.29427	0.00005
37	12	25	+	37	14	23	+	73.29770	0.00008
20	12	9	+	20	14	7	+	73.30068	0.00023
14	11	4	-	12	9	4	-	73.30628	-0.00011
36	12	25	+	36	14	23	+	73.30643	-0.00018
35	12	23	+	35	14	21	+	73.31423	0.00016
28	8	21	-	26	6	21	-	73.31432	-0.00003
40	12	29	-	40	14	27	-	73.31533	0.00008
23	12	11	+	23	14	9	+	73.31642	0.00001
34	12	23	+	34	14	21	+	73.32012	0.00001
24	12	13	+	24	14	11	+	73.32075	0.00006
25	12	13	+	25	14	11	+	73.32429	-0.00009
33	12	21	+	33	14	19	+	73.32457	-0.00023
32	12	21	+	32	14	19	+	73.32815	-0.00010
31	12	19	+	31	14	17	+	73.33063	0.00009
39	12	27	-	39	14	25	-	73.33095	-0.00004
28	12	17	+	28	14	15	+	73.33102	-0.00026
29	12	17	+	29	14	15	+	73.33205	0.00007
37	10	27	+	36	8	29	+	73.33374	-0.00002
38	12	27	-	38	14	25	-	73.34480	-0.00015
37	12	25	-	37	14	23	-	73.35720	-0.00004
36	4	33	-	34	2	33	-	73.36580	0.00012
36	12	25	-	36	14	23	-	73.36802	0.00004
37	10	27	-	36	8	29	-	73.37390	-0.00009
18	12	7	-	17	10	7	-	73.37816	0.00006
34	12	23	-	34	14	21	-	73.38523	-0.00001
33	12	21	-	33	14	19	-	73.39191	-0.00005
32	12	21	-	32	14	19	-	73.39758	0.00004
31	12	19	-	31	14	17	-	73.40222	0.00014
30	12	19	-	30	14	17	-	73.40563	-0.00005
16	12	5	-	16	14	3	-	73.40642	-0.00026
15	12	3	-	15	14	1	-	73.40653	-0.00023
14	12	3	-	14	14	1	-	73.40718	-0.00020
17	12	5	-	17	14	3	-	73.40720	0.00020
29	12	17	-	29	14	15	-	73.40807	-0.00036
19	12	7	-	19	14	5	-	73.40847	0.00000
20	12	9	-	20	14	7	-	73.40929	-0.00012
21	12	9	-	21	14	7	-	73.41042	0.00004
28	12	17	-	28	14	15	-	73.41063	0.00022
22	12	11	-	22	14	9	-	73.41123	-0.00004
27	12	15	-	27	14	13	-	73.41167	-0.00005
26	12	15	-	26	14	13	-	73.41223	-0.00023
24	12	13	-	24	14	11	-	73.41250	-0.00002
25	12	13	-	25	14	11	-	73.41282	0.00013
19	10	9	+	17	8	9	+	73.75183	-0.00005
28	11	18	+	27	9	18	+	73.80310	0.00000
19	10	9	-	17	8	9	-	73.82316	-0.00002
28	11	18	-	27	9	18	-	73.86285	-0.00004
38	10	29	+	37	8	29	+	73.88030	-0.00008
19	12	7	+	18	10	9	+	73.89970	-0.00034
38	10	29	-	37	8	29	-	73.91924	0.00008
19	12	7	-	18	10	9	-	73.98926	0.00000

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
67	0	67	+	65	0	65	+	74.17233	-0.00027
67	0	67	-	65	0	65	-	74.17233	-0.00009
24	9	16	+	22	7	16	+	74.20303	0.00000
24	9	16	-	22	7	16	-	74.25906	-0.00001
24	17	8	-	25	15	10	-	74.38647	-0.00018
29	11	18	+	28	9	20	+	74.40238	-0.00004
29	8	21	+	27	6	21	+	74.42894	-0.00002
39	10	29	+	38	8	31	+	74.43039	-0.00026
15	11	4	+	13	9	4	+	74.44486	-0.00009
29	11	18	-	28	9	20	-	74.46033	-0.00001
39	10	29	-	38	8	31	-	74.46822	-0.00002
29	8	21	-	27	6	21	-	74.47099	0.00009
20	12	9	+	19	10	9	+	74.51443	0.00005
68	2	67	+	67	0	67	+	74.52162	0.00009
15	11	4	-	13	9	4	-	74.53013	-0.00002
34	7	28	-	32	5	28	-	74.55660	0.00017
20	12	9	-	19	10	9	-	74.59991	-0.00023
23	17	6	+	24	15	10	+	74.86508	0.00038
40	10	31	+	39	8	31	+	74.95927	0.00000
20	10	11	+	18	8	11	+	74.97415	-0.00001
40	10	31	-	39	8	31	-	74.99559	0.00026
30	11	20	+	29	9	20	+	74.99961	0.00006
20	10	11	-	18	8	11	-	75.04313	-0.00008
30	11	20	-	29	9	20	-	75.05567	-0.00002
21	12	9	+	20	10	11	+	75.12814	0.00004
21	12	9	-	20	10	11	-	75.21060	-0.00004
68	1	68	-	66	1	66	-	75.26885	-0.00025
68	1	68	+	66	1	66	+	75.26885	-0.00038
31	18	13	+	32	16	17	+	75.37753	0.00017
25	9	16	+	23	7	16	+	75.41180	-0.00009
25	9	16	-	23	7	16	-	75.46614	-0.00004
22	17	6	+	23	15	8	+	75.46634	0.00009
31	18	13	-	32	16	17	-	75.47803	0.00021
41	10	31	+	40	8	33	+	75.50258	-0.00022
41	10	31	-	40	8	33	-	75.53785	0.00001
31	11	20	+	30	9	22	+	75.59434	0.00001
30	8	23	+	28	6	23	+	75.62269	0.00001
31	11	20	-	30	9	22	-	75.64870	-0.00007
30	8	23	-	28	6	23	-	75.66363	-0.00007
16	11	6	+	14	9	6	+	75.67081	-0.00009
27	21	6	+	29	19	10	+	75.69086	0.00002
13	13	0	+	12	11	2	+	75.72610	0.00021
22	12	11	+	21	10	11	+	75.74117	0.00006
37	7	30	+	35	5	30	+	75.78736	-0.00006
37	7	30	-	35	5	30	-	75.79362	0.00005
22	12	11	-	21	10	11	-	75.82071	0.00005
30	18	13	+	31	16	15	+	75.97907	0.00038
38	6	33	+	36	4	33	+	75.99478	-0.00038
42	10	33	+	41	8	33	+	76.00591	-0.00009
42	10	33	-	41	8	33	-	76.03921	-0.00010
38	6	33	-	36	4	33	-	76.04729	0.00030
30	18	13	-	31	16	15	-	76.08287	0.00008
32	11	22	+	31	9	22	+	76.18659	0.00004
21	10	11	+	19	8	11	+	76.19544	-0.00003
32	11	22	-	31	9	22	-	76.23905	-0.00030
21	10	11	-	19	8	11	-	76.26231	-0.00006
12	12	1	+	10	10	1	+	76.32407	-0.00008
14	13	2	+	13	11	2	+	76.34327	-0.00013
23	12	11	+	22	10	13	+	76.35332	-0.00003
12	12	1	-	10	10	1	-	76.41654	-0.00001
23	12	11	-	22	10	13	-	76.43002	-0.00008
14	13	2	-	13	11	2	-	76.46122	0.00024
43	10	33	+	42	8	35	+	76.54787	-0.00017
43	10	33	-	42	8	35	-	76.58063	0.00001
26	9	18	+	24	7	18	+	76.61852	0.00035
26	9	18	-	24	7	18	-	76.67077	-0.00004
31	8	23	+	29	6	23	+	76.74461	-0.00007
33	11	22	+	32	9	24	+	76.77590	-0.00013
31	8	23	-	29	6	23	-	76.78354	0.00023
33	11	22	-	32	9	24	-	76.82724	-0.00003
17	11	6	+	15	9	6	+	76.89664	0.00001
26	21	6	+	28	19	10	+	76.89916	0.00027

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
36	7	30	+	34	5	30	+	76.93974	0.00012
15	13	2	+	14	11	4	+	76.96085	0.00008
24	12	13	+	23	10	13	+	76.96476	0.00005
17	11	6	-	15	9	6	-	76.97701	-0.00005
44	10	35	+	43	8	35	+	77.01335	0.00011
24	12	13	-	23	10	13	-	77.03893	0.00010
15	13	2	-	14	11	4	-	77.07335	0.00012
39	7	32	-	37	5	32	-	77.22331	0.00005
19	17	2	+	20	15	6	+	77.27002	0.00032
28	18	11	-	29	16	13	-	77.29302	0.00003
34	11	24	+	33	9	24	+	77.36249	-0.00002
34	11	24	-	33	9	24	-	77.41223	-0.00002
22	10	13	+	20	8	13	+	77.41552	-0.00013
70	1	70	-	68	1	68	-	77.46116	0.00007
70	1	70	+	68	1	68	+	77.46116	0.00011
22	10	13	-	20	8	13	-	77.48054	0.00002
13	12	1	+	11	10	1	+	77.55034	-0.00004
45	10	35	+	44	8	37	+	77.56508	0.00008
25	12	13	+	24	10	15	+	77.57511	0.00002
16	13	4	+	15	11	4	+	77.57771	-0.00026
45	10	35	-	44	8	37	-	77.59532	0.00009
13	12	1	-	11	10	1	-	77.64193	0.00001
25	12	13	-	24	10	15	-	77.64677	0.00002
16	13	4	-	15	11	4	-	77.68579	0.00013
27	18	9	+	28	16	13	+	77.78167	0.00001
27	9	18	+	25	7	18	+	77.82096	0.00001
27	9	18	-	25	7	18	-	77.87194	-0.00004
35	11	24	+	34	9	26	+	77.94587	0.00000
32	8	25	+	30	6	25	+	77.95343	0.00003
35	11	24	-	34	9	26	-	77.99423	0.00007
46	10	37	-	45	8	37	-	77.99821	0.00002
18	11	8	+	16	9	8	+	78.12201	-0.00003
26	12	15	+	25	10	15	+	78.18448	0.00008
17	13	4	+	16	11	6	+	78.19493	-0.00002
18	11	8	-	16	9	8	-	78.20005	-0.00007
26	12	15	-	25	10	15	-	78.25367	-0.00007
17	13	4	-	16	11	6	-	78.29830	0.00010
35	19	16	-	36	17	20	-	78.35542	0.00003
36	11	26	-	35	9	26	-	78.57249	-0.00010
47	10	37	-	46	8	39	-	78.58181	0.00010
23	10	13	+	21	8	13	+	78.63462	0.00006
17	17	0	-	18	15	4	-	78.64817	-0.00021
23	10	13	-	21	8	13	-	78.69735	-0.00013
15	13	2	+	15	15	0	+	78.71074	0.00033
46	13	34	+	46	15	32	+	78.71251	0.00035
16	13	4	+	16	15	2	+	78.71917	0.00001
45	13	32	+	45	15	30	+	78.72956	0.00027
18	13	6	+	18	15	4	+	78.73588	0.00006
47	13	34	-	47	15	32	-	78.74289	0.00017
19	13	6	+	19	15	4	+	78.74382	0.00008
20	13	8	+	20	15	6	+	78.75124	-0.00015
43	13	30	+	43	15	28	+	78.75792	0.00003
46	13	34	-	46	15	32	-	78.76307	-0.00006
22	13	10	+	22	15	8	+	78.76571	-0.00006
42	13	30	+	42	15	28	+	78.76993	0.00037
23	13	10	+	23	15	8	+	78.77229	-0.00018
14	12	3	+	12	10	3	+	78.77684	-0.00010
24	13	12	+	24	15	10	+	78.77876	-0.00003
26	13	14	+	26	15	12	+	78.78995	-0.00021
27	12	15	+	26	10	17	+	78.79257	0.00004
39	13	26	+	39	15	24	+	78.79504	-0.00008
27	13	14	+	27	15	12	+	78.79515	0.00002
44	13	32	-	44	15	30	-	78.79796	-0.00015
28	13	16	+	28	15	14	+	78.79963	0.00008
38	13	26	+	38	15	24	+	78.80102	0.00022
29	13	16	+	29	15	14	+	78.80345	0.00008
30	13	18	+	30	15	16	+	78.80652	-0.00002
36	13	24	+	36	15	22	+	78.80818	-0.00021
31	13	18	+	31	15	16	+	78.80898	-0.00003
35	13	22	+	35	15	20	+	78.81015	-0.00032
32	13	20	+	32	15	18	+	78.81069	0.00000
18	13	6	+	17	11	6	+	78.81176	0.00009

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
43	13	30	—	43	15	28	—	78.81298	0.00009
41	13	28	—	41	15	26	—	78.83754	0.00003
40	13	28	—	40	15	26	—	78.84777	0.00021
39	13	26	—	39	15	24	—	78.85630	0.00008
34	19	16	+	35	17	18	+	78.86168	0.00026
38	13	26	—	38	15	24	—	78.86371	0.00012
48	10	39	+	47	8	39	+	78.86439	-0.00014
18	13	6	—	18	15	4	—	78.86451	0.00010
19	13	6	—	19	15	4	—	78.86659	0.00038
14	12	3	—	12	10	3	—	78.86716	0.00016
20	13	8	—	20	15	6	—	78.86826	0.00000
21	13	8	—	21	15	6	—	78.87030	-0.00019
22	13	10	—	22	15	8	—	78.87285	0.00004
36	13	24	—	36	15	22	—	78.87462	-0.00017
23	13	10	—	23	15	8	—	78.87499	-0.00017
24	13	12	—	24	15	10	—	78.87733	-0.00013
35	13	22	—	35	15	20	—	78.87872	-0.00008
25	13	12	—	25	15	10	—	78.87960	-0.00004
26	13	14	—	26	15	12	—	78.88164	0.00001
34	13	22	—	34	15	20	—	78.88191	0.00006
27	13	14	—	27	15	12	—	78.88356	0.00021
32	13	20	—	32	15	18	—	78.88538	-0.00007
29	13	16	—	29	15	14	—	78.88575	0.00004
31	13	18	—	31	15	16	—	78.88596	-0.00019
30	13	18	—	30	15	16	—	78.88657	0.00036
18	13	6	—	17	11	6	—	78.91074	-0.00006
34	19	16	—	35	17	18	—	78.95830	-0.00001
33	8	25	+	31	6	25	+	79.01282	-0.00010
28	9	20	+	26	7	20	+	79.02095	-0.00008
33	8	25	—	31	6	25	—	79.04788	-0.00014
28	9	20	—	26	7	20	—	79.07032	-0.00021
37	11	26	+	36	9	28	+	79.10193	-0.00013
19	11	8	+	17	9	8	+	79.34701	-0.00004
28	12	17	+	27	10	17	+	79.39933	-0.00003
19	11	8	—	17	9	8	—	79.42278	-0.00006
19	13	6	+	18	11	8	+	79.42808	0.00000
28	12	17	—	27	10	17	—	79.46454	0.00009
19	13	6	—	18	11	8	—	79.52343	0.00006
24	18	7	+	25	16	9	+	79.58367	0.00019
72	1	72	—	70	1	70	—	79.65116	-0.00009
72	1	72	+	70	1	70	+	79.65116	0.00028
38	11	28	+	37	9	28	+	79.67417	-0.00002
38	11	28	—	37	9	28	—	79.71838	-0.00002
40	5	36	+	38	3	36	+	79.72500	0.00022
24	10	15	+	22	8	15	+	79.85206	0.00005
41	20	21	+	42	18	25	+	79.91198	-0.00001
24	10	15	—	22	8	15	—	79.91300	-0.00008
15	12	3	+	13	10	3	+	80.00359	-0.00009
29	12	17	+	28	10	19	+	80.00483	0.00006
20	13	8	+	19	11	8	+	80.04414	0.00001
32	19	14	+	33	17	16	+	80.06040	-0.00040
29	12	17	—	28	10	19	—	80.06801	0.00011
15	12	3	—	13	10	3	—	80.09186	-0.00004
20	13	8	—	19	11	8	—	80.13597	0.00013
32	19	14	—	33	17	16	—	80.16418	-0.00014
29	9	20	+	27	7	20	+	80.21622	0.00011
39	11	28	+	38	9	30	+	80.24253	-0.00012
34	8	27	+	32	6	27	+	80.26353	-0.00001
29	9	20	—	27	7	20	—	80.26405	-0.00004
39	11	28	—	38	9	30	—	80.28554	-0.00004
34	8	27	—	32	6	27	—	80.29957	0.00008
51	10	41	+	50	8	43	+	80.45904	0.00032
40	20	21	+	41	18	23	+	80.51007	-0.00034
20	11	10	+	18	9	10	+	80.57149	-0.00004
30	12	19	+	29	10	19	+	80.60867	0.00003
20	11	10	—	18	9	10	—	80.64510	-0.00002
21	13	8	+	20	11	10	+	80.65946	-0.00031
30	12	19	—	29	10	19	—	80.66972	-0.00019
73	0	73	+	71	0	71	+	80.74498	-0.00004
31	19	12	—	32	17	16	—	80.76772	0.00024
40	11	30	+	39	9	30	+	80.80610	0.00026
40	11	30	—	39	9	30	—	80.84728	-0.00021

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
25	10	15	+	23	8	15	+	81.06780	-0.00003
74	2	73	+	73	0	73	+	81.11067	0.00015
25	10	15	-	23	8	15	-	81.12729	0.00015
31	12	19	+	30	10	21	+	81.21087	0.00003
35	8	27	+	33	6	27	+	81.21581	0.00005
16	12	5	+	14	10	5	+	81.23045	-0.00002
35	8	27	-	33	6	27	-	81.24691	0.00000
31	12	19	-	30	10	21	-	81.27036	0.00002
22	13	10	+	21	11	10	+	81.27497	0.00004
16	12	5	-	14	10	5	-	81.31670	0.00005
22	13	10	-	21	11	10	-	81.36023	0.00005
41	11	30	+	40	9	32	+	81.36559	0.00006
41	11	30	-	40	9	32	-	81.40586	-0.00010
30	9	22	+	28	7	22	+	81.40926	0.00014
30	9	22	-	28	7	22	-	81.45565	-0.00005
21	11	10	+	19	9	10	+	81.79529	-0.00011
32	12	21	+	31	10	21	+	81.81127	0.00005
14	14	1	+	13	12	1	+	81.82969	0.00011
74	1	74	-	72	1	72	-	81.83956	0.00003
29	19	10	+	30	17	14	+	81.85955	0.00037
21	11	10	-	19	9	10	-	81.86684	-0.00003
32	12	21	-	31	10	21	-	81.86902	-0.00001
23	13	10	+	22	11	12	+	81.88962	0.00007
42	11	32	+	41	9	32	+	81.91799	-0.00018
14	14	1	-	13	12	1	-	81.95330	0.00022
23	13	10	-	22	11	12	-	81.97196	0.00008
40	7	34	+	38	5	34	+	82.02582	-0.00006
40	7	34	-	38	5	34	-	82.06350	0.00006
33	12	21	+	32	10	23	+	82.40967	0.00001
15	14	1	+	14	12	3	+	82.44755	-0.00019
17	12	5	+	15	10	5	+	82.45726	0.00003
33	12	21	-	32	10	23	-	82.46602	0.00017
43	11	32	+	42	9	34	+	82.46817	-0.00025
24	13	12	+	23	11	12	+	82.50363	0.00007
43	11	32	-	42	9	34	-	82.50648	0.00003
17	12	5	-	15	10	5	-	82.54125	-0.00002
15	14	1	-	14	12	3	-	82.56638	0.00023
24	13	12	-	23	11	12	-	82.58304	-0.00012
36	8	29	-	34	6	29	-	82.59097	0.00003
31	9	22	+	29	7	22	+	82.59427	0.00006
31	9	22	-	29	7	22	-	82.63953	0.00020
75	0	75	-	73	0	73	-	82.93303	0.00007
34	12	23	+	33	10	23	+	83.00603	0.00005
44	11	34	+	43	9	34	+	83.00821	-0.00009
44	11	34	-	43	9	34	-	83.04542	0.00033
34	12	23	-	33	10	23	-	83.06069	0.00006
16	14	3	+	15	12	3	+	83.06574	-0.00009
13	13	0	+	11	11	0	+	83.07519	-0.00003
22	11	12	-	20	9	12	-	83.08798	0.00001
25	13	12	+	24	11	14	+	83.11692	0.00002
21	21	0	-	23	19	4	-	83.14735	0.00034
16	14	3	-	15	12	3	-	83.17910	-0.00036
18	18	1	+	19	16	3	+	83.18445	0.00031
25	13	12	-	24	11	14	-	83.19397	0.00005
37	8	29	+	35	6	29	+	83.32854	0.00001
27	10	17	-	25	8	17	-	83.54985	0.00001
45	11	34	-	44	9	36	-	83.58481	0.00018
35	12	23	+	34	10	25	+	83.60018	0.00012
35	12	23	-	34	10	25	-	83.65295	-0.00026
18	12	7	+	16	10	7	+	83.68381	-0.00004
17	14	3	+	16	12	5	+	83.68393	0.00011
26	13	14	+	25	11	14	+	83.72943	-0.00004
18	12	7	-	16	10	7	-	83.76579	0.00006
17	14	3	-	16	12	5	-	83.79263	-0.00033
26	13	14	-	25	11	14	-	83.80406	-0.00001
32	9	24	-	30	7	24	-	83.82364	-0.00002
46	11	36	+	45	9	36	+	84.07296	0.00017
46	11	36	-	45	9	36	-	84.10758	0.00040
16	14	3	+	16	16	1	+	84.12384	-0.00025
17	14	3	+	17	16	1	+	84.13339	-0.00011
21	14	7	+	21	16	5	+	84.16912	-0.00016
22	14	9	+	22	16	7	+	84.17789	0.00015

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
23	14	9	+	23	16	7	+	84.18612	0.00013
36	12	25	+	35	10	25	+	84.19153	-0.00017
24	14	11	+	24	16	9	+	84.19399	0.00000
25	14	11	+	25	16	9	+	84.20173	0.00000
34	20	15	-	35	18	17	-	84.20187	0.00038
27	14	13	+	27	16	11	+	84.21594	-0.00035
29	14	15	+	29	16	13	+	84.22915	-0.00022
30	14	17	+	30	16	15	+	84.23560	0.00033
31	14	17	+	31	16	15	+	84.24066	0.00000
23	11	12	+	21	9	12	+	84.24086	0.00003
44	14	31	+	44	16	29	+	84.24101	0.00034
36	12	25	-	35	10	25	-	84.24334	-0.00009
43	14	29	+	43	16	27	+	84.24719	0.00026
33	14	19	+	33	16	17	+	84.25013	0.00036
34	14	21	+	34	16	19	+	84.25348	0.00010
35	14	21	+	35	16	19	+	84.25638	0.00009
36	14	23	+	36	16	21	+	84.25808	-0.00036
40	14	27	+	40	16	25	+	84.25827	0.00006
38	14	25	+	38	16	23	+	84.26017	-0.00005
47	14	33	-	47	16	31	-	84.26698	-0.00027
16	14	3	-	16	16	1	-	84.27584	-0.00014
17	14	3	-	17	16	1	-	84.27788	0.00030
19	14	5	-	19	16	3	-	84.28226	-0.00005
21	14	7	-	21	16	5	-	84.28841	-0.00012
22	14	9	-	22	16	7	-	84.29172	-0.00030
18	14	5	+	17	12	5	+	84.30172	0.00006
14	13	2	+	12	11	2	+	84.30216	-0.00003
25	14	11	-	25	16	9	-	84.30347	0.00025
26	14	13	-	26	16	11	-	84.30710	0.00011
23	11	12	-	21	9	12	-	84.30839	0.00007
42	14	29	-	42	16	27	-	84.31288	0.00012
28	14	15	-	28	16	13	-	84.31393	-0.00028
29	14	15	-	29	16	13	-	84.31740	-0.00014
31	14	17	-	31	16	15	-	84.32335	0.00003
39	14	25	-	39	16	23	-	84.32558	0.00011
38	14	25	-	38	16	23	-	84.32791	0.00017
34	14	21	-	34	16	19	-	84.32876	-0.00013
37	14	23	-	37	16	21	-	84.32885	-0.00030
35	14	21	-	35	16	19	-	84.32966	0.00001
36	14	23	-	36	16	21	-	84.32995	0.00019
27	13	14	+	26	11	16	+	84.34127	0.00006
14	13	2	-	12	11	2	-	84.39397	0.00006
18	14	5	-	17	12	5	-	84.40647	-0.00014
27	13	14	-	26	11	16	-	84.41339	-0.00013
47	11	36	+	46	9	38	+	84.60465	-0.00001
24	22	3	-	26	20	7	-	84.61466	-0.00033
33	20	13	+	34	18	17	+	84.69617	-0.00013
28	10	19	+	26	8	19	+	84.70360	-0.00001
42	7	36	+	40	5	36	+	84.75297	-0.00017
28	10	19	-	26	8	19	-	84.75811	0.00004
37	12	25	+	36	10	27	+	84.78078	0.00002
42	7	36	-	40	5	36	-	84.79450	0.00025
33	20	13	-	34	18	17	-	84.80254	-0.00017
28	23	6	-	30	21	10	-	84.82538	0.00028
37	12	25	-	36	10	27	-	84.83102	-0.00009
19	12	7	+	17	10	7	+	84.90992	-0.00034
19	14	5	+	18	12	7	+	84.91942	0.00009
28	13	16	+	27	11	16	+	84.95173	-0.00029
19	12	7	-	17	10	7	-	84.98995	-0.00003
33	9	24	-	31	7	24	-	84.99373	0.00001
19	14	5	-	18	12	7	-	85.02000	-0.00035
28	13	16	-	27	11	16	-	85.02212	-0.00005
48	11	38	+	47	9	38	+	85.10746	0.00017
38	12	27	+	37	10	27	+	85.36712	0.00007
32	20	13	-	33	18	15	-	85.40446	0.00033
38	12	27	-	37	10	27	-	85.41616	0.00011
24	11	14	+	22	9	14	+	85.46206	-0.00009
24	11	14	-	22	9	14	-	85.52779	0.00001
15	13	2	+	13	11	2	+	85.52947	-0.00002
20	14	7	+	19	12	7	+	85.53677	-0.00001
29	13	16	+	28	11	18	+	85.56191	0.00009
15	13	2	-	13	11	2	-	85.61997	0.00004

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
29	13	16	—	28	11	18	—	85.62992	0.00000
20	14	7	—	19	12	7	—	85.63409	-0.00004
49	11	38	—	48	9	40	—	85.66439	-0.00009
29	10	19	+	27	8	19	+	85.91097	0.00007
39	12	27	+	38	10	29	+	85.95021	-0.00019
29	10	19	—	27	8	19	—	85.96393	0.00005
39	12	27	—	38	10	29	—	85.99821	0.00010
34	9	26	+	32	7	26	+	86.13053	0.00002
50	11	40	—	49	9	40	—	86.13541	-0.00023
20	12	9	+	18	10	9	+	86.13646	0.00009
21	14	7	+	20	12	9	+	86.15405	0.00009
30	13	18	+	29	11	18	+	86.17053	0.00003
34	9	26	—	32	7	26	—	86.17167	-0.00007
30	13	18	—	29	11	18	—	86.23660	-0.00007
21	14	7	—	20	12	9	—	86.24794	0.00007
39	21	18	—	40	19	22	—	86.39648	0.00021
40	12	29	+	39	10	29	+	86.53046	-0.00011
25	11	14	+	23	9	14	+	86.68239	0.00001
25	11	14	—	23	9	14	—	86.74627	0.00005
16	13	4	+	14	11	4	+	86.75739	0.00040
22	14	9	+	21	12	9	+	86.77095	0.00012
31	13	18	+	30	11	20	+	86.77811	0.00013
31	13	18	—	30	11	20	—	86.84220	-0.00010
16	13	4	—	14	11	4	—	86.84583	0.00002
22	14	9	—	21	12	9	—	86.86152	-0.00001
29	20	9	+	30	18	13	+	87.08751	-0.00022
41	12	29	+	40	10	31	+	87.10762	0.00017
30	10	21	+	28	8	21	+	87.11552	-0.00006
41	12	29	—	40	10	31	—	87.15247	-0.00021
35	9	26	+	33	7	26	+	87.28258	0.00002
35	9	26	—	33	7	26	—	87.32204	-0.00014
21	12	9	+	19	10	9	+	87.36212	0.00002
32	13	20	+	31	11	20	+	87.38409	-0.00006
23	14	9	+	22	12	11	+	87.38735	0.00001
21	12	9	—	19	10	9	—	87.43766	0.00002
32	13	20	—	31	11	20	—	87.44676	0.00006
23	14	9	—	22	12	11	—	87.47509	0.00007
37	21	16	+	38	19	20	+	87.49438	0.00018
42	12	31	+	41	10	31	+	87.68044	-0.00025
42	12	31	—	41	10	31	—	87.72475	0.00002
15	15	0	+	14	13	2	+	87.89647	-0.00003
26	11	16	+	24	9	16	+	87.90144	0.00006
26	11	16	—	24	9	16	—	87.96358	0.00006
17	13	4	+	15	11	4	+	87.98451	-0.00008
33	13	20	+	32	11	22	+	87.98877	-0.00013
24	14	11	+	23	12	11	+	88.00348	0.00004
15	15	0	—	14	13	2	—	88.02042	0.00003
33	13	20	—	32	11	22	—	88.04963	-0.00014
17	13	4	—	15	11	4	—	88.07178	0.00019
24	14	11	—	23	12	11	—	88.08825	-0.00003
36	21	16	—	37	19	18	—	88.19293	0.00019
43	12	31	+	42	10	33	+	88.25028	-0.00002
44	5	40	—	42	3	40	—	88.26864	0.00019
43	12	31	—	42	10	33	—	88.29295	-0.00022
31	10	21	+	29	8	21	+	88.31724	0.00003
31	10	21	—	29	8	21	—	88.36742	0.00004
36	9	28	+	34	7	28	+	88.45884	0.00006
36	9	28	—	34	7	28	—	88.49753	0.00001
16	15	2	+	15	13	2	+	88.51543	0.00005
22	12	11	+	20	10	11	+	88.58739	0.00004
34	13	22	+	33	11	22	+	88.59206	-0.00006
25	14	11	+	24	12	13	+	88.61915	0.00008
16	15	2	—	15	13	2	—	88.63468	0.00017
34	13	22	—	33	11	22	—	88.65126	-0.00013
22	12	11	—	20	10	11	—	88.66096	0.00006
25	14	11	—	24	12	13	—	88.70122	-0.00002
44	12	33	—	43	10	33	—	88.85713	-0.00026
27	11	16	+	25	9	16	+	89.11910	0.00009
27	11	16	—	25	9	16	—	89.17943	-0.00009
35	13	22	+	34	11	24	+	89.19379	0.00009
18	13	6	+	16	11	6	+	89.21223	0.00003
26	14	13	+	25	12	13	+	89.23403	-0.00014

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
17	15	2	—	16	13	4	—	89.24872	-0.00017
35	13	22	—	34	11	24	—	89.25127	-0.00015
18	13	6	—	16	11	6	—	89.29725	-0.00002
26	14	13	—	25	12	13	—	89.31384	0.00002
45	12	33	+	44	10	35	+	89.37702	-0.00014
34	21	14	—	35	19	16	—	89.39148	0.00004
25	20	5	+	26	18	9	+	89.47963	-0.00030
17	15	2	+	17	17	0	+	89.49606	-0.00019
32	10	23	+	30	8	23	+	89.51590	0.00003
22	15	8	+	22	17	6	+	89.54577	-0.00002
32	10	23	—	30	8	23	—	89.56465	-0.00005
25	15	10	+	25	17	8	+	89.57401	-0.00007
37	9	28	+	35	7	28	+	89.58104	0.00004
26	15	12	+	26	17	10	+	89.58328	0.00010
27	15	12	+	27	17	10	+	89.59208	-0.00001
28	15	14	+	28	17	12	+	89.60065	-0.00012
29	15	14	+	29	17	12	+	89.60907	-0.00012
37	9	28	—	35	7	28	—	89.61783	0.00000
31	15	16	+	31	17	14	+	89.62526	0.00013
33	15	18	+	33	17	16	+	89.63952	-0.00007
34	15	20	+	34	17	18	+	89.64621	0.00003
35	15	20	+	35	17	18	+	89.65237	0.00011
19	15	4	—	19	17	2	—	89.65515	0.00027
37	15	22	+	37	17	20	+	89.66278	0.00000
21	15	6	—	21	17	4	—	89.66304	0.00031
38	15	24	+	38	17	22	+	89.66738	0.00028
39	15	24	+	39	17	22	+	89.67097	0.00023
24	15	10	—	24	17	8	—	89.67685	-0.00005
43	15	28	+	43	17	26	+	89.67728	-0.00004
25	15	10	—	25	17	8	—	89.68180	-0.00023
28	15	14	—	28	17	12	—	89.69773	-0.00012
29	15	14	—	29	17	12	—	89.70321	0.00011
31	15	16	—	31	17	14	—	89.71290	-0.00034
32	15	18	—	32	17	16	—	89.71772	-0.00030
33	15	18	—	33	17	16	—	89.72224	-0.00030
36	15	22	—	36	17	20	—	89.73382	-0.00017
37	15	22	—	37	17	20	—	89.73699	0.00008
44	15	30	—	44	17	28	—	89.73907	0.00025
38	15	24	—	38	17	22	—	89.73930	0.00001
41	15	26	—	41	17	24	—	89.74259	0.00001
40	15	26	—	40	17	24	—	89.74259	0.00040
18	15	4	+	17	13	4	+	89.75290	-0.00016
14	14	1	+	12	12	1	+	89.79215	-0.00005
36	13	24	+	35	11	24	+	89.79338	-0.00013
23	12	11	+	21	10	11	+	89.81211	0.00006
27	14	13	+	26	12	15	+	89.84856	-0.00012
36	13	24	—	35	11	24	—	89.84970	-0.00005
18	15	4	—	17	13	4	—	89.86316	-0.00032
23	12	11	—	21	10	11	—	89.88365	-0.00002
14	14	1	—	12	12	1	—	89.88480	0.00010
27	14	13	—	26	12	15	—	89.92572	-0.00023
46	12	35	+	45	10	35	+	89.93364	0.00006
46	12	35	—	45	10	35	—	89.97312	0.00005
24	20	5	+	25	18	7	+	90.07802	-0.00012
28	11	18	+	26	9	18	+	90.33517	0.00005
19	15	4	+	18	13	6	+	90.37169	-0.00012
37	13	24	+	36	11	26	+	90.39146	0.00004
28	11	18	—	26	9	18	—	90.39402	-0.00005
19	13	6	+	17	11	6	+	90.43978	0.00004
37	13	24	—	36	11	26	—	90.44623	-0.00002
28	14	15	+	27	12	15	+	90.46248	-0.00005
19	15	4	—	18	13	6	—	90.47830	0.00005
47	12	35	+	46	10	37	+	90.48612	-0.00002
19	13	6	—	17	11	6	—	90.52291	0.00008
28	14	15	—	27	12	15	—	90.53756	0.00002
33	10	23	+	31	8	23	+	90.71068	0.00000
46	7	40	—	44	5	40	—	90.75552	-0.00038
33	10	23	—	31	8	23	—	90.75823	0.00003
38	9	30	—	36	7	30	—	90.79912	-0.00015
38	13	26	+	37	11	26	+	90.98730	-0.00002
20	15	6	+	19	13	6	+	90.99026	-0.00018
15	14	1	+	13	12	1	+	91.02001	0.00002

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
24	12	13	+	22	10	13	+	91.03611	0.00001
38	13	26	—	37	11	26	—	91.04079	0.00002
29	14	15	+	28	12	17	+	91.07562	-0.00003
20	15	6	—	19	13	6	—	91.09303	-0.00011
15	14	1	—	13	12	1	—	91.11193	0.00008
29	14	15	—	28	12	17	—	91.14855	0.00002
29	11	18	+	27	9	18	+	91.54959	0.00003
49	12	37	+	48	10	39	+	91.57491	-0.00025
39	13	26	+	38	11	28	+	91.58069	-0.00037
29	11	18	—	27	9	18	—	91.60702	0.00002
21	15	6	+	20	13	8	+	91.60891	-0.00002
49	12	37	—	48	10	39	—	91.61148	0.00005
39	13	26	—	38	11	28	—	91.63304	-0.00015
20	13	8	+	18	11	8	+	91.66715	0.00001
30	14	17	+	29	12	17	+	91.68807	0.00010
21	15	6	—	20	13	8	—	91.70777	-0.00035
20	13	8	—	18	11	8	—	91.74832	0.00007
30	14	17	—	29	12	17	—	91.75890	0.00008
39	9	30	+	37	7	30	+	91.83731	0.00007
39	9	30	—	37	7	30	—	91.87115	0.00004
21	20	1	+	22	18	5	+	91.87323	0.00021
34	10	25	+	32	8	25	+	91.90245	0.00008
34	10	25	—	32	8	25	—	91.94864	0.00000
50	12	39	+	49	10	39	+	92.10932	0.00004
50	12	39	—	49	10	39	—	92.14437	-0.00008
40	13	28	—	39	11	28	—	92.22333	-0.00002
22	15	8	+	21	13	8	+	92.22715	-0.00008
16	14	3	+	14	12	3	+	92.24803	-0.00007
29	21	8	+	30	19	12	+	92.26400	-0.00029
31	14	17	+	30	12	19	+	92.29946	0.00006
22	15	8	—	21	13	8	—	92.32296	-0.00016
25	12	13	—	23	10	13	—	92.32740	0.00002
16	14	3	—	14	12	3	—	92.33859	-0.00025
31	14	17	—	30	12	19	—	92.36833	0.00000
51	12	39	—	50	10	41	—	92.67639	0.00019
37	22	15	—	38	20	19	—	92.73377	-0.00002
41	13	28	+	40	11	30	+	92.76113	-0.00038
30	11	20	+	28	9	20	+	92.76222	0.00006
41	13	28	—	40	11	30	—	92.81135	0.00023
30	11	20	—	28	9	20	—	92.81826	0.00009
23	15	8	+	22	13	10	+	92.84509	-0.00022
21	13	8	+	19	11	8	+	92.89398	-0.00034
32	14	19	+	31	12	19	+	92.90991	0.00003
23	15	8	—	22	13	10	—	92.93806	-0.00003
21	13	8	—	19	11	8	—	92.97321	-0.00026
32	14	19	—	31	12	19	—	92.97693	-0.00005
40	9	32	+	38	7	32	+	93.04248	0.00012
35	10	25	+	33	8	25	+	93.08875	-0.00019
35	10	25	—	33	8	25	—	93.13411	0.00015
42	13	30	+	41	11	30	+	93.34786	-0.00005
42	13	30	—	41	11	30	—	93.39615	-0.00017
27	21	6	+	28	19	10	+	93.45801	0.00008
24	15	10	+	23	13	10	+	93.46305	-0.00007
17	14	3	+	15	12	3	+	93.47668	0.00025
26	12	15	+	24	10	15	+	93.48179	-0.00006
33	14	19	+	32	12	21	+	93.51920	-0.00012
26	12	15	—	24	10	15	—	93.54814	0.00003
24	15	10	—	23	13	10	—	93.55315	0.00017
17	14	3	—	15	12	3	—	93.56579	0.00005
33	14	19	—	32	12	21	—	93.58486	0.00019
16	16	1	+	15	14	1	+	93.92423	-0.00022
43	13	30	+	42	11	32	+	93.93143	-0.00015
48	7	42	+	46	5	42	+	93.96481	-0.00034
31	11	20	+	29	9	20	+	93.97279	0.00003
43	13	30	—	42	11	32	—	93.97870	-0.00012
48	7	42	—	46	5	42	—	94.02001	-0.00001
31	11	20	—	29	9	20	—	94.02732	-0.00005
41	9	32	+	39	7	32	+	94.03808	0.00015
16	16	1	—	15	14	1	—	94.04900	0.00033
41	9	32	—	39	7	32	—	94.06850	0.00000
25	15	10	+	24	13	12	+	94.08064	0.00002
22	13	10	+	20	11	10	+	94.12096	-0.00027

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
34	14	21	+	33	12	21	+	94.12760	-0.00003
25	15	10	-	24	13	12	-	94.16773	0.00001
34	14	21	-	33	12	21	-	94.19119	-0.00012
22	13	10	-	20	11	10	-	94.19846	0.00002
36	10	27	+	34	8	27	+	94.27277	-0.00004
36	10	27	-	34	8	27	-	94.31654	-0.00010
44	13	32	+	43	11	32	+	94.51233	0.00001
17	16	1	+	16	14	3	+	94.54400	-0.00010
44	13	32	-	43	11	32	-	94.55841	-0.00001
17	16	1	-	16	14	3	-	94.66418	0.00031
26	15	12	+	25	13	12	+	94.69758	-0.00018
27	12	15	+	25	10	15	+	94.70335	0.00001
18	14	5	+	16	12	5	+	94.70495	0.00007
35	14	21	+	34	12	23	+	94.73464	-0.00008
27	12	15	-	25	10	15	-	94.76786	-0.00011
26	15	12	-	25	13	12	-	94.78219	-0.00006
18	14	5	-	16	12	5	-	94.79259	0.00002
35	14	21	-	34	12	23	-	94.79664	-0.00016
18	16	3	+	18	18	1	+	94.82482	-0.00009
20	16	5	+	20	18	3	+	94.84680	0.00017
21	16	5	+	21	18	3	+	94.85744	0.00000
22	16	7	+	22	18	5	+	94.86789	-0.00031
24	16	9	+	24	18	7	+	94.88961	0.00001
25	16	9	+	25	18	7	+	94.89984	-0.00038
26	16	11	+	26	18	9	+	94.91087	0.00012
28	16	13	+	28	18	11	+	94.93137	-0.00015
29	16	13	+	29	18	11	+	94.94188	0.00017
31	16	15	+	31	18	13	+	94.96146	-0.00009
32	16	17	+	32	18	15	+	94.97154	0.00039
33	16	17	+	33	18	15	+	94.98040	-0.00009
19	16	3	-	19	18	1	-	94.98186	-0.00020
20	16	5	-	20	18	3	-	94.98683	0.00037
21	16	5	-	21	18	3	-	94.99166	0.00033
22	16	7	-	22	18	5	-	94.99667	0.00004
35	16	19	+	35	18	17	+	94.99828	0.00003
23	16	7	-	23	18	5	-	95.00262	0.00032
24	16	9	-	24	18	7	-	95.00833	0.00004
37	16	21	+	37	18	19	+	95.01419	-0.00037
27	16	11	-	27	18	9	-	95.02800	0.00033
39	16	23	+	39	18	21	+	95.02930	0.00022
41	16	25	+	41	18	23	+	95.04159	0.00012
42	16	27	+	42	18	25	+	95.04711	0.00035
30	16	15	-	30	18	13	-	95.04804	-0.00014
31	16	15	-	31	18	13	-	95.05499	-0.00006
34	16	19	-	34	18	17	-	95.07551	0.00039
36	16	21	-	36	18	19	-	95.08749	-0.00008
45	13	32	+	44	11	34	+	95.09013	0.00014
39	16	23	-	39	18	21	-	95.10393	0.00002
42	16	27	-	42	18	25	-	95.11605	-0.00019
44	16	29	-	44	18	27	-	95.12179	0.00025
45	16	29	-	45	18	27	-	95.12320	0.00005
33	22	11	-	34	20	15	-	95.12614	0.00038
45	13	32	-	44	11	34	-	95.13492	-0.00006
32	11	22	+	30	9	22	+	95.18127	0.00010
32	11	22	-	30	9	22	-	95.23440	-0.00004
42	9	34	+	40	7	34	+	95.29858	-0.00010
27	15	12	+	26	13	14	+	95.31453	0.00003
42	9	34	-	40	7	34	-	95.33101	0.00009
36	14	23	+	35	12	23	+	95.34026	-0.00024
23	13	10	+	21	11	10	+	95.34781	0.00004
27	15	12	-	26	13	14	-	95.39648	-0.00004
36	14	23	-	35	12	23	-	95.40102	-0.00003
23	13	10	-	21	11	10	-	95.42316	0.00005
37	10	27	+	35	8	27	+	95.44932	0.00007
37	10	27	-	35	8	27	-	95.49178	-0.00007
46	13	34	+	45	11	34	+	95.66419	-0.00020
46	13	34	-	45	11	34	-	95.70841	0.00012
19	16	3	+	18	14	5	+	95.78358	0.00009
19	16	3	-	18	14	5	-	95.89508	0.00005
28	12	17	+	26	10	17	+	95.92388	0.00011
28	15	14	+	27	13	14	+	95.93079	0.00002
19	14	5	+	17	12	5	+	95.93338	-0.00001

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
37	14	23	+	36	12	25	+	95.94487	-0.00001
28	12	17	-	26	10	17	-	95.98686	0.00004
37	14	23	-	36	12	25	-	96.00404	0.00009
28	15	14	-	27	13	14	-	96.01044	-0.00002
19	14	5	-	17	12	5	-	96.01927	-0.00006
43	9	34	-	41	7	34	-	96.19093	-0.00017
47	13	34	+	46	11	36	+	96.23573	0.00034
47	13	34	-	46	11	36	-	96.27813	-0.00009
33	11	22	+	31	9	22	+	96.38727	0.00007
20	16	5	+	19	14	5	+	96.40330	0.00013
15	15	0	+	13	13	0	+	96.47272	-0.00009
20	16	5	-	19	14	5	-	96.51105	0.00012
29	15	14	+	28	13	16	+	96.54646	-0.00006
38	14	25	+	37	12	25	+	96.54769	-0.00005
15	15	0	-	13	13	0	-	96.56542	0.00007
24	13	12	+	22	11	12	+	96.57393	0.00005
38	14	25	-	37	12	25	-	96.60512	-0.00028
29	15	14	-	28	13	16	-	96.62397	-0.00003
38	10	29	+	36	8	29	+	96.62470	-0.00005
24	13	12	-	22	11	12	-	96.64744	0.00004
38	10	29	-	36	8	29	-	96.66637	0.00013
30	22	9	-	31	20	11	-	96.92372	-0.00021
21	16	5	+	20	14	7	+	97.02267	-0.00012
21	21	0	+	22	19	4	+	97.04217	0.00037
21	16	5	-	20	14	7	-	97.12693	-0.00006
29	12	17	+	27	10	17	+	97.14297	-0.00005
39	14	25	+	38	12	27	+	97.14896	-0.00004
30	15	16	+	29	13	16	+	97.16181	0.00012
20	14	7	+	18	12	7	+	97.16192	0.00004
29	12	17	-	27	10	17	-	97.20461	0.00006
39	14	25	-	38	12	27	-	97.20522	-0.00008
30	15	16	-	29	13	16	-	97.23706	-0.00001
20	14	7	-	18	12	7	-	97.24604	0.00003
50	7	44	-	48	5	44	-	97.48149	0.00017
44	9	36	+	42	7	36	+	97.53701	0.00004
34	11	24	+	32	9	24	+	97.59069	0.00001
34	11	24	-	32	9	24	-	97.64136	-0.00004
22	16	7	+	21	14	7	+	97.64243	0.00010
16	15	2	+	14	13	2	+	97.70149	0.00002
22	16	7	-	21	14	7	-	97.74314	-0.00003
40	14	27	+	39	12	27	+	97.74851	-0.00003
31	15	16	+	30	13	18	+	97.77616	-0.00007
39	10	29	+	37	8	29	+	97.78827	-0.00001
16	15	2	-	14	13	2	-	97.79339	-0.00007
25	13	12	+	23	11	12	+	97.79958	0.00010
40	14	27	-	39	12	27	-	97.80357	0.00005
39	10	29	-	37	8	29	-	97.82859	0.00007
31	15	16	-	30	13	18	-	97.84964	0.00003
25	13	12	-	23	11	12	-	97.87129	0.00006
50	13	38	+	49	11	38	+	97.92540	-0.00025
50	13	38	-	49	11	38	-	97.96555	0.00016
45	9	36	+	43	7	36	+	98.19145	0.00031
45	9	36	-	43	7	36	-	98.21349	0.00017
23	16	7	+	22	14	9	+	98.26181	0.00005
41	14	27	+	40	12	29	+	98.34632	0.00007
23	16	7	-	22	14	9	-	98.35939	-0.00003
30	12	19	+	28	10	19	+	98.36105	0.00008
32	15	18	+	31	13	18	+	98.39003	-0.00003
21	14	7	+	19	12	7	+	98.39035	0.00006
41	14	27	-	40	12	29	-	98.40001	0.00004
30	12	19	-	28	10	19	-	98.42118	0.00014
32	15	18	-	31	13	18	-	98.46147	-0.00007
21	14	7	-	19	12	7	-	98.47266	0.00007
35	11	24	+	33	9	24	+	98.79135	0.00001
35	11	24	-	33	9	24	-	98.84091	0.00007
24	16	9	+	23	14	9	+	98.88102	-0.00001
17	15	2	+	15	13	2	+	98.93043	-0.00003
42	14	29	+	41	12	29	+	98.94214	0.00011
40	10	31	+	38	8	31	+	98.95565	-0.00005
24	16	9	-	23	14	9	-	98.97609	0.00040
42	14	29	-	41	12	29	-	98.99448	-0.00003
40	10	31	-	38	8	31	-	98.99474	-0.00018

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
1				2				3	4
33	15	18	+	32	13	20	+	99.00317	0.00004
17	15	2	—	15	13	2	—	99.02150	0.00004
26	13	14	+	24	11	14	+	99.02457	0.00007
52	13	40	+	51	11	40	+	99.03182	0.00026
26	13	14	—	24	11	14	—	99.09476	0.00022
25	16	9	+	24	14	11	+	99.50014	0.00003
43	14	29	+	42	12	31	+	99.53578	0.00004
31	12	19	+	29	10	19	+	99.57752	0.00002
43	14	29	—	42	12	31	—	99.58712	0.00009
25	16	9	—	24	14	11	—	99.59209	0.00015
34	15	20	+	33	13	20	+	99.61532	-0.00004
22	14	9	+	20	12	9	+	99.61860	0.00005
31	12	19	—	29	10	19	—	99.63618	0.00002
34	15	20	—	33	13	20	—	99.68320	-0.00009
22	14	9	—	20	12	9	—	99.69907	0.00005
46	9	38	+	44	7	38	+	99.76515	0.00036
46	9	38	—	44	7	38	—	99.79395	0.00026
17	17	0	+	16	15	2	+	99.91129	-0.00005
25	22	3	—	26	20	7	—	99.93111	-0.00031
36	11	26	+	34	9	26	+	99.98908	0.00001
17	17	0	—	16	15	2	—	100.03583	-0.00002
36	11	26	—	34	9	26	—	100.03722	-0.00017
41	10	31	+	39	8	31	+	100.10214	0.00020
19	17	2	+	19	19	0	+	100.10796	-0.00022
20	17	4	+	20	19	2	+	100.11976	-0.00010
44	14	31	+	43	12	31	+	100.12719	-0.00008
21	17	4	+	21	19	2	+	100.13185	0.00029
41	10	31	—	39	8	31	—	100.13988	0.00007
22	17	6	+	22	19	4	+	100.14335	0.00006
23	17	6	+	23	19	4	+	100.15538	0.00034
18	15	4	+	16	13	4	+	100.15971	0.00003
25	17	8	+	25	19	6	+	100.17829	-0.00031
26	17	10	+	26	19	8	+	100.19028	-0.00011
26	16	11	—	25	14	11	—	100.20806	-0.00005
28	17	12	+	28	19	10	+	100.21426	0.00034
29	17	12	+	29	19	10	+	100.22526	-0.00037
35	15	20	+	34	13	22	+	100.22671	0.00002
27	13	14	+	25	11	14	+	100.24887	0.00003
18	15	4	—	16	13	4	—	100.24946	0.00005
32	17	16	+	32	19	14	+	100.26026	-0.00001
34	17	18	+	34	19	16	+	100.28234	-0.00036
35	15	20	—	34	13	22	—	100.29294	-0.00001
35	17	18	+	35	19	16	+	100.29363	-0.00002
26	17	10	—	26	19	8	—	100.30639	-0.00037
37	17	20	+	37	19	18	+	100.31506	0.00025
27	13	14	—	25	11	14	—	100.31728	0.00004
28	17	12	—	28	19	10	—	100.32272	0.00011
29	17	12	—	29	19	10	—	100.33108	0.00025
30	17	14	—	30	19	12	—	100.33921	0.00002
40	17	24	+	40	19	22	+	100.34395	-0.00032
31	17	14	—	31	19	12	—	100.34729	-0.00036
33	17	16	—	33	19	14	—	100.36487	0.00015
34	17	18	—	34	19	16	—	100.37301	-0.00023
35	17	18	—	35	19	16	—	100.38182	0.00012
36	17	20	—	36	19	18	—	100.39025	0.00019
41	17	24	—	41	19	22	—	100.42853	-0.00029
18	17	2	+	17	15	2	+	100.53173	-0.00009
18	17	2	—	17	15	2	—	100.65245	0.00031
27	16	11	+	26	14	13	+	100.73755	0.00000
45	14	31	—	44	12	33	—	100.76521	-0.00030
27	16	11	—	26	14	13	—	100.82409	-0.00007
36	15	22	+	35	13	22	+	100.83689	-0.00014
23	14	9	+	21	12	9	+	100.84664	0.00004
32	12	21	—	30	10	21	—	100.84977	-0.00001
36	15	22	—	35	13	22	—	100.90150	-0.00021
23	14	9	—	21	12	9	—	100.92538	0.00011
19	17	2	+	18	15	4	+	101.15275	0.00037
37	11	26	+	35	9	26	+	101.18334	-0.00013
37	11	26	—	35	9	26	—	101.23065	0.00002
42	10	33	+	40	8	33	+	101.26346	0.00025
42	10	33	—	40	8	33	—	101.30032	0.00010
46	14	33	—	45	12	33	—	101.35141	0.00021

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
1				2				3	4
28	16	13	+	27	14	13	+	101.35556	-0.00026
19	15	4	+	17	13	4	+	101.38906	0.00001
28	16	13	-	27	14	13	-	101.43974	-0.00029
37	15	22	+	36	13	24	+	101.44635	0.00003
28	13	16	+	26	11	16	+	101.47248	0.00005
19	15	4	-	17	13	4	-	101.47739	0.00008
37	15	22	-	36	13	24	-	101.50925	-0.00022
28	13	16	-	26	11	16	-	101.53922	-0.00002
20	17	4	+	19	15	4	+	101.77287	-0.00013
49	9	40	-	47	7	40	-	101.82560	0.00007
20	17	4	-	19	15	4	-	101.88523	-0.00031
29	16	13	+	28	14	15	+	101.97381	0.00007
33	12	21	+	31	10	21	+	102.00566	-0.00008
38	15	24	+	37	13	24	+	102.05440	-0.00007
29	16	13	-	28	14	15	-	102.05559	-0.00006
33	12	21	-	31	10	21	-	102.06167	-0.00007
24	14	11	+	22	12	11	+	102.07443	0.00005
38	15	24	-	37	13	24	-	102.11624	0.00008
24	14	11	-	22	12	11	-	102.15129	0.00001
43	10	33	+	41	8	33	+	102.38506	0.00017
21	17	4	+	20	15	6	+	102.39359	-0.00005
43	10	33	-	41	8	33	-	102.42022	-0.00012
21	17	4	-	20	15	6	-	102.50285	0.00026
30	16	15	+	29	14	15	+	102.59129	0.00004
29	23	6	-	30	21	10	-	102.60039	-0.00012
20	15	6	+	18	13	6	+	102.61841	-0.00009
39	15	24	+	38	13	26	+	102.66161	0.00021
30	16	15	-	29	14	15	-	102.67093	-0.00006
29	13	16	+	27	11	16	+	102.69528	0.00012
20	15	6	-	18	13	6	-	102.70518	0.00000
39	15	24	-	38	13	26	-	102.72180	0.00012
29	13	16	-	27	11	16	-	102.76054	0.00009
22	17	6	+	21	15	6	+	103.01417	-0.00011
16	16	1	+	14	14	1	+	103.11482	-0.00004
22	17	6	-	21	15	6	-	103.11973	-0.00010
16	16	1	-	14	14	1	-	103.20749	0.00005
31	16	15	+	30	14	17	+	103.20838	0.00008
34	12	23	+	32	10	23	+	103.21728	0.00010
40	15	26	+	39	13	26	+	103.26707	0.00004
34	12	23	-	32	10	23	-	103.27200	0.00008
31	16	15	-	30	14	17	-	103.28589	-0.00009
25	14	11	+	23	12	11	+	103.30188	0.00006
40	15	26	-	39	13	26	-	103.32586	-0.00010
25	14	11	-	23	12	11	-	103.37696	-0.00004
44	10	35	+	42	8	35	+	103.54514	-0.00003
39	11	28	+	37	9	28	+	103.56162	-0.00009
44	10	35	-	42	8	35	-	103.58004	0.00001
39	11	28	-	37	9	28	-	103.60660	-0.00003
23	17	6	+	22	15	8	+	103.63483	-0.00007
23	17	6	-	22	15	8	-	103.73721	-0.00001
32	16	17	+	31	14	17	+	103.82468	-0.00017
21	15	6	+	19	13	6	+	103.84794	-0.00004
41	15	26	+	40	13	28	+	103.87167	0.00039
32	16	17	-	31	14	17	-	103.90050	-0.00005
30	13	18	+	28	11	18	+	103.91702	0.00006
41	15	26	-	40	13	28	-	103.92877	-0.00012
21	15	6	-	19	13	6	-	103.93300	0.00000
30	13	18	-	28	11	18	-	103.98077	-0.00001
24	17	8	+	23	15	8	+	104.25543	-0.00002
17	16	1	+	15	14	1	+	104.34438	-0.00008
24	17	8	-	23	15	8	-	104.35466	-0.00005
35	12	23	+	33	10	23	+	104.42660	-0.00003
17	16	1	-	15	14	1	-	104.43661	0.00005
33	16	17	+	32	14	19	+	104.44081	-0.00003
42	15	28	+	41	13	28	+	104.47400	-0.00004
35	12	23	-	33	10	23	-	104.48028	0.00013
33	16	17	-	32	14	19	-	104.51450	-0.00016
26	14	13	+	24	12	13	+	104.52894	0.00008
42	15	28	-	41	13	28	-	104.53043	0.00004
26	14	13	-	24	12	13	-	104.60241	0.00005
45	10	35	-	43	8	35	-	104.66288	0.00003
40	11	30	+	38	9	30	+	104.74538	0.00004

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
25	17	8	+	24	15	10	+	104.87590	-0.00001
25	17	8	-	24	15	10	-	104.97214	-0.00014
34	16	19	+	33	14	19	+	105.05638	0.00017
43	15	28	+	42	13	30	+	105.07546	0.00023
22	15	8	+	20	13	8	+	105.07742	0.00000
34	16	19	-	33	14	19	-	105.12813	-0.00011
43	15	28	-	42	13	30	-	105.13033	-0.00003
31	13	18	+	29	11	18	+	105.13770	-0.00003
22	15	8	-	20	13	8	-	105.16078	0.00003
31	13	18	-	29	11	18	-	105.20014	0.00001
21	18	3	+	21	20	1	+	105.35714	0.00030
22	18	5	+	22	20	3	+	105.36923	-0.00021
25	18	7	+	25	20	5	+	105.40732	-0.00039
29	18	11	+	29	20	9	+	105.45932	-0.00031
26	17	10	+	25	15	10	+	105.49611	-0.00014
32	18	15	+	32	20	13	+	105.49877	-0.00002
21	18	3	-	21	20	1	-	105.50481	-0.00007
23	18	5	-	23	20	3	-	105.51857	-0.00019
25	18	7	-	25	20	5	-	105.53442	-0.00010
26	18	9	-	26	20	7	-	105.54267	-0.00033
18	16	3	+	16	14	3	+	105.57443	0.00004
38	18	21	+	38	20	19	+	105.57517	-0.00014
30	18	13	-	30	20	11	-	105.58017	0.00016
31	18	13	-	31	20	11	-	105.58956	-0.00029
26	17	10	-	25	15	10	-	105.58964	-0.00023
40	18	23	+	40	20	21	+	105.59923	-0.00029
33	18	15	-	33	20	13	-	105.61032	0.00036
36	12	25	+	34	10	25	+	105.63386	-0.00009
37	18	19	-	37	20	17	-	105.65104	0.00010
18	16	3	-	16	14	3	-	105.66565	0.00004
35	16	19	+	34	14	21	+	105.67105	0.00014
44	15	30	+	43	13	30	+	105.67484	0.00009
36	12	25	-	34	10	25	-	105.68627	-0.00001
44	15	30	-	43	13	30	-	105.72838	-0.00032
35	16	19	-	34	14	21	-	105.74100	-0.00021
27	14	13	+	25	12	13	+	105.75548	0.00004
27	14	13	-	25	12	13	-	105.82713	-0.00018
46	10	37	-	44	8	37	-	105.83327	0.00028
41	11	30	+	39	9	30	+	105.92386	-0.00005
41	11	30	-	39	9	30	-	105.96647	-0.00021
27	17	10	+	26	15	12	+	106.11641	-0.00002
27	17	10	-	26	15	12	-	106.20747	0.00002
45	15	30	+	44	13	32	+	106.27273	0.00022
36	16	21	+	35	14	21	+	106.28472	-0.00015
23	15	8	+	21	13	8	+	106.30712	0.00035
45	15	30	-	44	13	32	-	106.32552	0.00021
36	16	21	-	35	14	21	-	106.35355	0.00002
32	13	20	+	30	11	20	+	106.35740	0.00005
23	15	8	-	21	13	8	-	106.38824	-0.00016
32	13	20	-	30	11	20	-	106.41817	-0.00021
19	18	1	+	18	16	3	+	106.47681	0.00025
19	18	1	-	18	16	3	-	106.59707	-0.00030
28	17	12	+	27	15	12	+	106.73636	-0.00005
19	16	3	+	17	14	3	+	106.80448	-0.00007
28	17	12	-	27	15	12	-	106.82488	-0.00008
37	12	25	+	35	10	25	+	106.83896	0.00000
47	10	37	-	45	8	37	-	106.85744	0.00014
46	15	32	+	45	13	32	+	106.86869	0.00028
37	12	25	-	35	10	25	-	106.89031	0.00017
19	16	3	-	17	14	3	-	106.89457	-0.00007
37	16	21	+	36	14	23	+	106.89793	-0.00010
46	15	32	-	45	13	32	-	106.91978	-0.00031
37	16	21	-	36	14	23	-	106.96522	0.00010
28	14	15	+	26	12	15	+	106.98154	0.00007
28	14	15	-	26	12	15	-	107.05174	-0.00002
20	18	3	+	19	16	3	+	107.09801	-0.00003
42	11	32	+	40	9	32	+	107.09917	-0.00004
42	11	32	-	40	9	32	-	107.14105	0.00011
20	18	3	-	19	16	3	-	107.21495	-0.00012
29	17	12	+	28	15	14	+	107.35602	-0.00014
29	17	12	-	28	15	14	-	107.44228	-0.00008
38	16	23	+	37	14	23	+	107.51052	0.00018

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
47	15	32	—	46	13	34	—	107.51274	-0.00018
24	15	10	+	22	13	10	+	107.53596	0.00000
33	13	20	+	31	11	20	+	107.57573	-0.00001
38	16	23	—	37	14	23	—	107.57585	-0.00005
24	15	10	—	22	13	10	—	107.61593	0.00003
33	13	20	—	31	11	20	—	107.63545	0.00000
21	18	3	+	20	16	5	+	107.71955	-0.00006
21	18	3	—	20	16	5	—	107.83310	0.00005
30	17	14	+	29	15	14	+	107.97548	-0.00016
20	16	5	+	18	14	5	+	108.03484	-0.00005
48	15	34	+	47	13	34	+	108.05451	0.00034
48	10	39	—	46	8	39	—	108.05942	0.00037
30	17	14	—	29	15	14	—	108.05946	-0.00014
39	16	23	+	38	14	25	+	108.12189	0.00018
20	16	5	—	18	14	5	—	108.12363	-0.00002
39	16	23	—	38	14	25	—	108.18572	-0.00010
29	14	15	+	27	12	15	+	108.20685	-0.00004
43	11	32	+	41	9	32	+	108.26752	-0.00016
29	14	15	—	27	12	15	—	108.27564	-0.00002
43	11	32	—	41	9	32	—	108.30845	0.00011
22	18	5	+	21	16	5	+	108.34113	-0.00013
22	18	5	—	21	16	5	—	108.45110	-0.00017
31	17	14	+	30	15	16	+	108.59508	0.00027
31	17	14	—	30	15	16	—	108.67643	-0.00021
40	16	25	+	39	14	25	+	108.73209	-0.00001
25	15	10	+	23	13	10	+	108.76493	-0.00003
34	13	22	+	32	11	22	+	108.79301	0.00024
25	15	10	—	23	13	10	—	108.84322	-0.00001
34	13	22	—	32	11	22	—	108.85094	-0.00027
23	18	5	+	22	16	7	+	108.96256	-0.00038
23	18	5	—	22	16	7	—	109.06979	0.00009
32	17	16	+	31	15	16	+	109.21349	-0.00013
21	16	5	+	19	14	5	+	109.26535	0.00001
39	12	27	—	37	10	27	—	109.29046	0.00010
32	17	16	—	31	15	16	—	109.29328	-0.00014
41	16	25	+	40	14	27	+	109.34136	-0.00005
21	16	5	—	19	14	5	—	109.35259	-0.00006
41	16	25	—	40	14	27	—	109.40258	-0.00019
30	14	17	+	28	12	17	+	109.43173	0.00010
44	11	34	+	42	9	34	+	109.43394	-0.00002
44	11	34	—	42	9	34	—	109.47387	0.00023
30	14	17	—	28	12	17	—	109.49906	0.00013
24	18	7	+	23	16	7	+	109.58440	-0.00024
24	18	7	—	23	16	7	—	109.68813	-0.00017
17	17	0	+	15	15	0	+	109.71626	-0.00005
17	17	0	—	15	15	0	—	109.80897	0.00005
33	17	16	+	32	15	18	+	109.83181	-0.00022
33	17	16	—	32	15	18	—	109.90962	-0.00026
42	16	27	+	41	14	27	+	109.94955	-0.00004
26	15	12	+	24	13	12	+	109.99367	-0.00002
35	13	22	+	33	11	22	+	110.00837	0.00002
42	16	27	—	41	14	27	—	110.00963	-0.00001
35	13	22	—	33	11	22	—	110.06541	-0.00014
26	15	12	—	24	13	12	—	110.07032	-0.00001
25	18	7	+	24	16	9	+	110.20635	0.00001
40	12	29	+	38	10	29	+	110.43856	0.00009
34	17	18	+	33	15	18	+	110.44992	-0.00007
22	16	7	+	20	14	7	+	110.49587	0.00003
34	17	18	—	33	15	18	—	110.52581	-0.00018
22	19	4	+	22	21	2	+	110.54481	-0.00030
43	16	27	+	42	14	29	+	110.55693	0.00038
22	16	7	—	20	14	7	—	110.58166	0.00003
45	11	34	+	43	9	34	+	110.59030	0.00014
43	16	27	—	42	14	29	—	110.61552	0.00017
28	19	10	+	28	21	8	+	110.62838	0.00024
31	14	17	+	29	12	17	+	110.65565	0.00004
33	19	14	+	33	21	12	+	110.70020	0.00017
25	19	6	—	25	21	4	—	110.71920	0.00020
31	14	17	—	29	12	17	—	110.72148	0.00000
27	19	8	—	27	21	6	—	110.73842	0.00037
28	19	10	—	28	21	8	—	110.74819	0.00004
37	19	18	+	37	21	16	+	110.75792	-0.00004

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
29	19	10	—	29	21	8	—	110.75829	-0.00032
30	19	12	—	30	21	10	—	110.76954	0.00017
31	19	12	—	31	21	10	—	110.78007	-0.00033
34	19	16	—	34	21	14	—	110.81504	0.00021
26	18	9	+	25	16	9	+	110.82788	-0.00011
36	19	18	—	36	21	16	—	110.83854	-0.00002
39	19	20	—	39	21	18	—	110.87480	0.00015
40	19	22	—	40	21	20	—	110.88646	-0.00021
18	17	2	+	16	15	2	+	110.94676	-0.00014
18	17	2	—	16	15	2	—	111.03906	-0.00003
35	17	18	+	34	15	20	+	111.06774	0.00028
35	17	18	—	34	15	20	—	111.14191	0.00023
44	16	29	+	43	14	29	+	111.16217	-0.00005
44	16	29	—	43	14	29	—	111.22003	0.00023
27	15	12	+	25	13	12	+	111.22213	0.00003
36	13	24	+	34	11	24	+	111.22230	-0.00004
36	13	24	—	34	11	24	—	111.27835	0.00000
27	15	12	—	25	13	12	—	111.29711	-0.00004
27	18	9	+	26	16	11	+	111.44957	0.00000
41	12	29	+	39	10	29	+	111.63251	0.00001
41	12	29	—	39	10	29	—	111.67958	0.00021
36	17	20	+	35	15	20	+	111.68405	-0.00033
23	16	7	+	21	14	7	+	111.72635	0.00000
46	11	36	+	44	9	36	+	111.74753	0.00027
36	17	20	—	35	15	20	—	111.75665	-0.00025
45	16	29	+	44	14	31	+	111.76618	-0.00035
23	16	7	—	21	14	7	—	111.81057	0.00000
32	14	19	+	30	12	19	+	111.87888	0.00014
32	14	19	—	30	12	19	—	111.94309	-0.00014
28	18	11	+	27	16	11	+	112.07105	-0.00001
19	17	2	+	17	15	2	+	112.17790	0.00008
19	17	2	—	17	15	2	—	112.26942	0.00019
37	17	20	+	36	15	22	+	112.30053	-0.00018
46	16	31	+	45	14	31	+	112.36963	0.00025
37	17	20	—	36	15	22	—	112.37137	-0.00022
37	13	24	+	35	11	24	+	112.43467	0.00004
28	15	14	+	26	13	14	+	112.45020	0.00006
37	13	24	—	35	11	24	—	112.48949	0.00001
20	19	2	—	19	17	2	—	112.49764	-0.00008
28	15	14	—	26	13	14	—	112.52358	-0.00005
29	18	11	+	28	16	13	+	112.69231	-0.00010
29	18	11	—	28	16	13	—	112.78254	-0.00020
42	12	31	+	40	10	31	+	112.82334	-0.00002
42	12	31	—	40	10	31	—	112.86920	-0.00001
47	11	36	+	45	9	36	+	112.88817	0.00022
38	17	22	+	37	15	22	+	112.91654	0.00016
24	16	9	+	22	14	9	+	112.95672	-0.00008
47	16	31	+	46	14	33	+	112.97079	0.00010
38	17	22	—	37	15	22	—	112.98553	-0.00017
47	16	31	—	46	14	33	—	113.02463	-0.00022
24	16	9	—	22	14	9	—	113.03940	-0.00004
33	14	19	+	31	12	19	+	113.10096	0.00001
33	14	19	—	31	12	19	—	113.16430	0.00019
30	18	13	+	29	16	13	+	113.31351	-0.00009
20	17	4	—	18	15	4	—	113.49940	0.00003
39	17	22	+	38	15	24	+	113.53159	0.00024
48	16	33	—	47	14	33	—	113.62310	-0.00037
38	13	26	+	36	11	26	+	113.64507	-0.00002
29	15	14	+	27	13	14	+	113.67774	0.00000
38	13	26	—	36	11	26	—	113.69888	0.00006
22	19	4	—	21	17	4	—	113.73596	0.00024
29	15	14	—	27	13	14	—	113.74975	0.00003
31	18	13	+	30	16	15	+	113.93467	0.00008
43	12	31	+	41	10	31	+	114.01070	-0.00001
31	18	13	—	30	16	15	—	114.02031	-0.00012
48	11	38	+	46	9	38	+	114.03707	0.00035
43	12	31	—	41	10	31	—	114.05557	0.00001
40	17	24	+	39	15	24	+	114.14523	-0.00032
25	16	9	+	23	14	9	+	114.18724	0.00009
40	17	24	—	39	15	24	—	114.21191	-0.00001
23	19	4	+	22	17	6	+	114.24401	-0.00014
25	16	9	—	23	14	9	—	114.26858	0.00038

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
34	14	21	+	32	12	21	+	114.32209	-0.00006
23	19	4	-	22	17	6	-	114.35541	0.00029
34	14	21	-	32	12	21	-	114.38381	-0.00021
32	18	15	+	31	16	15	+	114.55536	0.00002
32	18	15	-	31	16	15	-	114.63894	-0.00015
21	17	4	+	19	15	4	+	114.64026	-0.00008
21	17	4	-	19	15	4	-	114.72945	-0.00007
41	17	24	+	40	15	26	+	114.75870	-0.00023
41	17	24	-	40	15	26	-	114.82407	0.00016
24	19	6	+	23	17	6	+	114.86705	0.00014
30	15	16	+	28	13	16	+	114.90492	0.00008
39	13	26	-	37	11	26	-	114.90631	0.00007
24	19	6	-	23	17	6	-	114.97507	0.00031
30	15	16	-	28	13	16	-	114.97530	-0.00005
33	18	15	+	32	16	17	+	115.17592	0.00011
49	11	38	-	47	9	38	-	115.19145	0.00034
44	12	33	+	42	10	33	+	115.19471	0.00016
33	18	15	-	32	16	17	-	115.25725	-0.00032
26	16	11	+	24	14	11	+	115.41738	0.00003
42	17	26	-	41	15	26	-	115.43528	0.00021
25	19	6	+	24	17	8	+	115.48962	-0.00010
26	16	11	-	24	14	11	-	115.49677	-0.00006
35	14	21	+	33	12	21	+	115.54235	0.00011
25	19	6	-	24	17	8	-	115.59500	0.00040
35	14	21	-	33	12	21	-	115.60282	-0.00005
34	18	17	+	33	16	17	+	115.79618	0.00021
32	20	13	+	32	22	11	+	115.81910	-0.00027
22	20	3	-	22	22	1	-	115.82459	0.00036
23	20	3	-	23	22	1	-	115.83274	0.00007
33	20	13	+	33	22	11	+	115.83514	-0.00004
25	20	5	-	25	22	3	-	115.85129	0.00002
26	20	7	-	26	22	5	-	115.86148	0.00014
27	20	7	-	27	22	5	-	115.87181	-0.00008
22	17	6	+	20	15	6	+	115.87182	-0.00001
34	18	17	-	33	16	17	-	115.87581	-0.00001
39	20	19	+	39	22	17	+	115.93140	0.00019
34	20	15	-	34	22	13	-	115.95617	0.00000
22	17	6	-	20	15	6	-	115.95972	0.00004
43	17	26	+	42	15	28	+	115.98327	0.00028
43	17	26	-	42	15	28	-	116.04565	0.00032
40	13	28	+	38	11	28	+	116.05995	-0.00006
40	13	28	-	38	11	28	-	116.11124	-0.00035
26	19	8	+	25	17	8	+	116.11218	-0.00038
31	15	16	+	29	13	16	+	116.13131	-0.00007
31	15	16	-	29	13	16	-	116.20042	-0.00005
18	18	1	+	16	16	1	+	116.27512	-0.00009
50	11	40	+	48	9	40	+	116.30017	0.00010
18	18	1	-	16	16	1	-	116.36787	0.00002
45	12	33	+	43	10	33	+	116.37436	0.00007
35	18	17	+	34	16	19	+	116.41587	0.00009
45	12	33	-	43	10	33	-	116.41721	0.00003
35	18	17	-	34	16	19	-	116.49377	-0.00003
44	17	28	+	43	15	28	+	116.59393	0.00038
27	16	11	+	25	14	11	+	116.64730	-0.00004
27	16	11	-	25	14	11	-	116.72531	0.00002
27	19	8	+	26	17	10	+	116.73518	-0.00023
36	14	23	+	34	12	23	+	116.76091	-0.00024
36	14	23	-	34	12	23	-	116.82050	-0.00007
27	19	8	-	26	17	10	-	116.83449	-0.00027
36	18	19	+	35	16	19	+	117.03535	0.00016
23	17	6	+	21	15	6	+	117.10323	-0.00016
36	18	19	-	35	16	19	-	117.11176	0.00031
23	17	6	-	21	15	6	-	117.18971	-0.00014
45	17	28	-	44	15	30	-	117.26286	-0.00004
41	13	28	-	39	11	28	-	117.31465	-0.00008
32	15	18	+	30	13	18	+	117.35736	0.00007
28	19	10	+	27	17	10	+	117.35850	0.00026
51	11	40	+	49	9	40	+	117.39093	-0.00023
32	15	18	-	30	13	18	-	117.42490	-0.00010
28	19	10	-	27	17	10	-	117.45484	-0.00017
46	12	35	+	44	10	35	+	117.55059	0.00030
46	12	35	-	44	10	35	-	117.59222	-0.00001

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
19	18	1	—	17	16	1	—	117.59907	-0.00005
37	18	19	+	36	16	21	+	117.65394	-0.00021
20	20	1	—	19	18	1	—	117.73163	-0.00013
28	16	13	+	26	14	13	+	117.87704	-0.00005
28	16	13	—	26	14	13	—	117.95353	0.00002
37	14	23	+	35	12	23	+	117.97882	0.00005
29	19	10	+	28	17	12	+	117.98082	-0.00020
37	14	23	—	35	12	23	—	118.03704	0.00002
29	19	10	—	28	17	12	—	118.07504	-0.00029
21	20	1	+	20	18	3	+	118.22989	0.00007
24	17	8	+	22	15	8	+	118.33505	0.00006
38	18	21	—	37	16	21	—	118.34551	-0.00009
21	20	1	—	20	18	3	—	118.35139	-0.00008
24	17	8	—	22	15	8	—	118.42003	0.00004
42	13	30	+	40	11	30	+	118.46587	-0.00012
42	13	30	—	40	11	30	—	118.51543	-0.00009
33	15	18	+	31	13	18	+	118.58251	0.00001
30	19	12	+	29	17	12	+	118.60357	-0.00015
33	15	18	—	31	13	18	—	118.64867	-0.00021
30	19	12	—	29	17	12	—	118.69556	-0.00013
47	12	35	+	45	10	35	+	118.72144	0.00011
20	18	3	+	18	16	3	+	118.73860	-0.00020
20	18	3	—	18	16	3	—	118.83052	0.00014
22	20	3	+	21	18	3	+	118.85291	-0.00035
39	18	21	—	38	16	23	—	118.96205	0.00005
22	20	3	—	21	18	3	—	118.97112	-0.00038
29	16	13	+	27	14	13	+	119.10650	-0.00003
29	16	13	—	27	14	13	—	119.18145	-0.00002
38	14	25	+	36	12	25	+	119.19487	-0.00013
31	19	12	+	30	17	14	+	119.22593	-0.00038
38	14	25	—	36	12	25	—	119.25216	0.00005
31	19	12	—	30	17	14	—	119.31593	-0.00011
23	20	3	+	22	18	5	+	119.47649	-0.00036
25	17	8	+	23	15	8	+	119.56657	0.00000
40	18	23	—	39	16	23	—	119.57787	0.00000
23	20	3	—	22	18	5	—	119.59193	0.00010
25	17	8	—	23	15	8	—	119.65014	0.00005
43	13	30	+	41	11	30	+	119.66524	-0.00001
43	13	30	—	41	11	30	—	119.71374	-0.00005
34	15	20	+	32	13	20	+	119.80698	0.00003
32	19	14	+	31	17	14	+	119.84866	-0.00010
34	15	20	—	32	13	20	—	119.87204	0.00001
32	19	14	—	31	17	14	—	119.93613	-0.00022
21	18	3	+	19	16	3	+	119.97090	-0.00012
21	18	3	—	19	16	3	—	120.06165	-0.00002
24	20	5	+	23	18	5	+	120.10088	0.00029
41	18	23	+	40	16	25	+	120.12487	0.00020
41	18	23	—	40	16	25	—	120.19283	-0.00033
24	20	5	—	23	18	5	—	120.21212	-0.00032
30	16	15	+	28	14	15	+	120.33578	0.00017
30	16	15	—	28	14	15	—	120.40900	-0.00011
39	14	25	+	37	12	25	+	120.40977	0.00003
39	14	25	—	37	12	25	—	120.46572	-0.00004
33	19	14	+	32	17	16	+	120.47101	-0.00003
42	18	25	+	41	16	25	+	120.74087	0.00015
24	21	4	+	24	23	2	+	120.77001	0.00030
25	21	4	+	25	23	2	+	120.78514	-0.00004
26	17	10	+	24	15	10	+	120.79808	0.00000
42	18	25	—	41	16	25	—	120.80798	0.00015
25	20	5	—	24	18	7	—	120.83334	0.00005
44	13	32	+	42	11	32	+	120.86209	0.00026
26	17	10	—	24	15	10	—	120.87998	-0.00015
44	13	32	—	42	11	32	—	120.90945	0.00005
24	21	4	—	24	23	2	—	120.91973	-0.00011
29	21	8	—	29	23	6	—	120.97649	0.00035
35	15	20	+	33	13	20	+	121.03058	0.00002
49	12	37	+	47	10	37	+	121.04976	0.00007
49	12	37	—	47	10	37	—	121.08908	0.00030
35	15	20	—	33	13	20	—	121.09431	-0.00008
34	19	16	—	33	17	16	—	121.17651	-0.00018
22	18	5	+	20	16	5	+	121.20324	-0.00019
22	18	5	—	20	16	5	—	121.29288	-0.00011

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
26	20	7	+	25	18	7	+	121.34840	0.00002
31	16	15	+	29	14	15	+	121.56428	-0.00001
40	14	27	+	38	12	27	+	121.62278	-0.00010
31	16	15	-	29	14	15	-	121.63647	0.00010
40	14	27	-	38	12	27	-	121.67789	0.00006
35	19	16	+	34	17	18	+	121.71500	0.00007
35	19	16	-	34	17	18	-	121.79653	-0.00011
44	18	27	+	43	16	27	+	121.97095	0.00039
27	20	7	+	26	18	9	+	121.97257	0.00018
27	17	10	+	25	15	10	+	122.02946	-0.00003
27	20	7	-	26	18	9	-	122.07549	-0.00016
45	13	32	-	43	11	32	-	122.10224	0.00007
27	17	10	-	25	15	10	-	122.10991	-0.00015
36	15	22	+	34	13	22	+	122.25325	-0.00001
36	15	22	-	34	13	22	-	122.31572	-0.00015
36	19	18	-	35	17	18	-	122.41657	0.00019
23	18	5	+	21	16	5	+	122.43587	-0.00013
23	18	5	-	21	16	5	-	122.52422	-0.00012
28	20	9	+	27	18	9	+	122.59634	-0.00010
28	20	9	-	27	18	9	-	122.69707	-0.00003
19	19	0	+	17	17	0	+	122.78965	-0.00009
32	16	17	+	30	14	17	+	122.79246	-0.00003
41	14	27	+	39	12	27	+	122.83416	-0.00017
32	16	17	-	30	14	17	-	122.86310	-0.00011
19	19	0	-	17	17	0	-	122.88232	-0.00010
41	14	27	-	39	12	27	-	122.88825	0.00001
37	19	18	-	36	17	20	-	123.03549	-0.00039
46	13	34	+	44	11	34	+	123.24630	0.00006
28	17	12	+	26	15	12	+	123.26069	-0.00006
46	13	34	-	44	11	34	-	123.29224	0.00030
28	17	12	-	26	15	12	-	123.33968	-0.00017
37	15	22	+	35	13	22	+	123.47506	0.00010
37	15	22	-	35	13	22	-	123.53632	-0.00007
38	19	20	+	37	17	20	+	123.57881	0.00024
38	19	20	-	37	17	20	-	123.65533	0.00024
24	18	7	+	22	16	7	+	123.66862	-0.00004
24	18	7	-	22	16	7	-	123.75547	-0.00023
30	20	11	+	29	18	11	+	123.84494	0.00036
30	20	11	-	29	18	11	-	123.94038	0.00003
33	16	17	+	31	14	17	+	124.02008	-0.00010
20	19	2	+	18	17	2	+	124.02284	0.00038
22	21	2	+	21	19	2	+	124.03491	-0.00011
33	16	17	-	31	14	17	-	124.08948	-0.00008
20	19	2	-	18	17	2	-	124.11466	-0.00015
39	19	20	+	38	17	22	+	124.19910	0.00005
31	20	11	+	30	18	13	+	124.46856	-0.00005
29	17	12	+	27	15	12	+	124.49174	-0.00006
29	17	12	-	27	15	12	-	124.56943	-0.00003
38	15	24	+	36	13	24	+	124.69560	0.00001
38	15	24	-	36	13	24	-	124.75572	-0.00016
23	21	2	-	22	19	4	-	124.77826	0.00001
40	19	22	+	39	17	22	+	124.81905	-0.00003
25	18	7	-	23	16	7	-	124.98690	-0.00017
32	20	13	+	31	18	13	+	125.09250	-0.00008
34	16	19	+	32	14	19	+	125.24740	0.00012
43	14	29	+	41	12	29	+	125.25180	0.00015
21	19	2	+	19	17	2	+	125.25524	-0.00027
43	14	29	-	41	12	29	-	125.30373	0.00017
34	16	19	-	32	14	19	-	125.31515	-0.00021
21	19	2	-	19	17	2	-	125.34702	-0.00022
41	19	22	+	40	17	24	+	125.43854	-0.00009
41	19	22	-	40	17	24	-	125.51076	0.00022
48	13	36	+	46	11	36	+	125.61824	0.00039
33	20	13	+	32	18	15	+	125.71609	-0.00037
30	17	14	+	28	15	14	+	125.72251	-0.00010
30	17	14	-	28	15	14	-	125.79877	-0.00009
26	22	5	+	26	24	3	+	125.82008	0.00010
25	21	4	+	24	19	6	+	125.90878	-0.00019
39	15	24	+	37	13	24	+	125.91515	0.00008
39	15	24	-	37	13	24	-	125.97430	0.00005
25	21	4	-	24	19	6	-	126.02182	0.00021
26	18	9	+	24	16	9	+	126.13401	-0.00010

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
26	18	9	—	24	16	9	—	126.21823	-0.00020
34	20	15	+	33	18	15	+	126.34020	-0.00001
34	20	15	—	33	18	15	—	126.42706	-0.00036
44	14	31	+	42	12	31	+	126.45756	0.00027
35	16	19	+	33	14	19	+	126.47390	0.00017
22	19	4	+	20	17	4	+	126.48866	-0.00016
44	14	31	—	42	12	31	—	126.50795	-0.00029
35	16	19	—	33	14	19	—	126.54051	-0.00005
22	19	4	—	20	17	4	—	126.57966	-0.00004
26	21	6	—	25	19	6	—	126.64353	-0.00018
31	17	14	+	29	15	14	+	126.95306	-0.00007
35	20	15	+	34	18	17	+	126.96413	0.00031
31	17	14	—	29	15	14	—	127.02794	-0.00005
35	20	15	—	34	18	17	—	127.04942	0.00032
40	15	26	—	38	13	26	—	127.19160	0.00018
27	18	9	+	25	16	9	+	127.36685	0.00004
45	14	31	+	43	12	31	+	127.66100	0.00025
36	16	21	+	34	14	21	+	127.69948	0.00000
23	19	4	+	21	17	4	+	127.72230	-0.00003
36	16	21	—	34	14	21	—	127.76489	-0.00020
28	21	8	+	27	19	8	+	127.78407	-0.00014
23	19	4	—	21	17	4	—	127.81207	-0.00015
50	13	38	+	48	11	38	+	127.97501	-0.00014
32	17	16	+	30	15	16	+	128.18328	-0.00003
32	17	16	—	30	15	16	—	128.25699	0.00018
37	20	17	—	36	18	19	—	128.29220	0.00009
41	15	26	—	39	13	26	—	128.40701	-0.00027
29	21	8	+	28	19	10	+	128.40951	0.00003
28	18	11	+	26	16	11	+	128.59927	-0.00017
28	18	11	—	26	16	11	—	128.68084	-0.00013
37	16	21	+	35	14	21	+	128.92446	0.00000
24	19	6	+	22	17	6	+	128.95590	-0.00011
37	16	21	—	35	14	21	—	128.98914	0.00026
30	21	10	+	29	19	10	+	129.03486	0.00007
24	19	6	—	22	17	6	—	129.04468	-0.00010
30	21	10	—	29	19	10	—	129.13391	-0.00032
20	20	1	+	18	18	1	+	129.25819	-0.00002
22	22	1	—	21	20	1	—	129.29071	-0.00014
20	20	1	—	18	18	1	—	129.35083	-0.00009
33	17	16	+	31	15	16	+	129.41321	0.00012
39	20	19	+	38	18	21	+	129.45609	0.00005
33	17	16	—	31	15	16	—	129.48518	-0.00010
42	15	28	+	40	13	28	+	129.56613	0.00040
42	15	28	—	40	13	28	—	129.62166	-0.00010
31	21	10	+	30	19	12	+	129.66027	0.00014
29	18	11	+	27	16	11	+	129.83189	-0.00006
29	18	11	—	27	16	11	—	129.91193	-0.00016
23	22	1	—	22	20	3	—	129.91269	-0.00025
40	20	21	+	39	18	21	+	130.07841	0.00003
47	14	33	—	45	12	33	—	130.10899	0.00019
38	16	23	+	36	14	23	+	130.14853	-0.00007
40	20	21	—	39	18	21	—	130.15546	0.00033
25	19	6	+	23	17	6	+	130.18964	-0.00017
25	19	6	—	23	17	6	—	130.27719	-0.00018
32	21	12	+	31	19	12	+	130.28527	-0.00021
32	21	12	—	31	19	12	—	130.38073	0.00035
24	22	3	+	23	20	3	+	130.41652	0.00038
21	20	1	+	19	18	1	+	130.49200	-0.00006
21	20	1	—	19	18	1	—	130.58472	0.00024
34	17	18	+	32	15	18	+	130.64249	0.00006
34	17	18	—	32	15	18	—	130.71337	0.00004
41	20	21	—	40	18	23	—	130.77582	0.00023
43	15	28	+	41	13	28	+	130.78010	0.00039
43	15	28	—	41	13	28	—	130.83471	-0.00004
33	21	12	+	32	19	14	+	130.91062	-0.00018
30	18	13	+	28	16	13	+	131.06411	-0.00019
30	18	13	—	28	16	13	—	131.14324	0.00016
25	22	3	—	24	20	5	—	131.15786	-0.00027
39	16	23	+	37	14	23	+	131.37196	0.00013
26	19	8	+	24	17	8	+	131.42351	-0.00017
39	16	23	—	37	14	23	—	131.43402	0.00003
53	13	40	+	51	11	40	+	131.48075	0.00036

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
34	21	14	—	33	19	14	—	131.62676	-0.00004
26	22	5	+	25	20	5	+	131.66788	0.00006
22	20	3	+	20	18	3	+	131.72637	0.00013
22	20	3	—	20	18	3	—	131.81770	-0.00039
35	17	18	+	33	15	18	+	131.87121	-0.00007
35	17	18	—	33	15	18	—	131.94072	-0.00020
44	15	30	+	42	13	30	+	131.99238	0.00029
31	18	13	+	29	16	13	+	132.29656	0.00010
31	18	13	—	29	16	13	—	132.37350	-0.00039
27	22	5	—	26	20	7	—	132.40416	-0.00038
40	16	25	+	38	14	25	+	132.59430	0.00021
40	16	25	—	38	14	25	—	132.65519	0.00003
27	19	8	+	25	17	8	+	132.65743	-0.00015
27	19	8	—	25	17	8	—	132.74244	-0.00016
36	21	16	—	35	19	16	—	132.87302	-0.00022
28	22	7	+	27	20	7	+	132.92017	0.00000
23	20	3	+	21	18	3	+	132.96065	-0.00002
28	22	7	—	27	20	7	—	133.02801	-0.00012
23	20	3	—	21	18	3	—	133.05154	-0.00023
36	17	20	+	34	15	20	+	133.09942	-0.00016
36	17	20	—	34	15	20	—	133.16810	0.00010
45	15	30	+	43	13	30	+	133.20295	0.00019
32	18	15	+	30	16	15	+	133.52857	0.00020
29	22	7	+	28	20	9	+	133.54666	0.00011
32	18	15	—	30	16	15	—	133.60426	-0.00021
29	22	7	—	28	20	9	—	133.65156	-0.00040
41	16	25	+	39	14	25	+	133.81518	-0.00012
41	16	25	—	39	14	25	—	133.87551	0.00020
28	19	10	+	26	17	10	+	133.89142	-0.00006
28	19	10	—	26	17	10	—	133.97512	-0.00008
38	21	18	—	37	19	18	—	134.11939	-0.00002
24	20	5	+	22	18	5	+	134.19520	-0.00013
30	22	9	—	29	20	9	—	134.27587	-0.00013
24	20	5	—	22	18	5	—	134.28548	-0.00002
37	17	20	+	35	15	20	+	134.32721	-0.00006
37	17	20	—	35	15	20	—	134.39420	-0.00031
46	15	32	+	44	13	32	+	134.41186	0.00023
33	18	15	+	31	16	15	+	134.76002	0.00002
31	22	9	+	30	20	11	+	134.79967	0.00009
33	18	15	—	31	16	15	—	134.83480	0.00000
31	22	9	—	30	20	11	—	134.90032	0.00011
42	16	27	+	40	14	27	+	135.03546	0.00008
42	16	27	—	40	14	27	—	135.09426	-0.00010
29	19	10	+	27	17	10	+	135.12524	-0.00010
29	19	10	—	27	17	10	—	135.20759	-0.00015
40	21	20	—	39	19	20	—	135.36545	0.00040
32	22	11	+	31	20	11	+	135.42647	0.00027
25	20	5	+	23	18	5	+	135.42991	-0.00025
25	20	5	—	23	18	5	—	135.51891	-0.00039
38	17	22	+	36	15	22	+	135.55439	0.00008
38	17	22	—	36	15	22	—	135.62019	-0.00020
21	21	0	+	19	19	0	+	135.67894	-0.00010
21	21	0	—	19	19	0	—	135.77174	-0.00004
34	18	17	+	32	16	17	+	135.99137	0.00007
34	18	17	—	32	16	17	—	136.06481	-0.00002
43	16	27	—	41	14	27	—	136.31243	0.00020
30	19	12	+	28	17	12	+	136.35913	0.00002
30	19	12	—	28	17	12	—	136.44010	-0.00010
26	20	7	+	24	18	7	+	136.66499	-0.00012
34	22	13	+	33	20	13	+	136.67925	-0.00024
26	23	4	+	25	21	4	+	136.74909	0.00036
26	20	7	—	24	18	7	—	136.75283	-0.00031
39	17	22	+	37	15	22	+	136.78083	0.00021
48	15	34	—	46	13	34	—	136.87402	0.00010
22	21	2	+	20	19	2	+	136.91389	-0.00017
22	21	2	—	20	19	2	—	137.00652	-0.00003
35	18	17	+	33	16	17	+	137.22253	0.00031
35	18	17	—	33	16	17	—	137.29444	-0.00006
35	22	13	—	34	20	15	—	137.39811	-0.00016
44	16	29	+	42	14	29	+	137.47200	0.00015
27	23	4	—	26	21	6	—	137.48961	-0.00024
44	16	29	—	42	14	29	—	137.52911	0.00026

Table (cont.)

N'	K'_a	K'_c	$J'^a)$	N''	K''_a	K''_c	$J''^a)$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
31	19	12	+	29	17	12	+	137.59284	0.00008
31	19	12	-	29	17	12	-	137.67242	-0.00012
27	20	7	+	25	18	7	+	137.90026	0.00010
36	22	15	+	35	20	15	+	137.93263	-0.00009
27	20	7	-	25	18	7	-	137.98704	0.00002
28	23	6	+	27	21	6	+	138.00294	-0.00012
40	17	24	+	38	15	24	+	138.00580	-0.00035
40	17	24	-	38	15	24	-	138.07018	0.00016
23	21	2	+	21	19	2	+	138.14937	-0.00003
23	21	2	-	21	19	2	-	138.24120	-0.00018
36	18	19	+	34	16	19	+	138.45285	0.00014
36	18	19	-	34	16	19	-	138.52405	0.00027
29	23	6	-	28	21	8	-	138.73938	0.00007
32	19	14	+	30	17	14	+	138.82620	-0.00005
32	19	14	-	30	17	14	-	138.90479	0.00005
28	20	9	+	26	18	9	+	139.13521	-0.00005
28	20	9	-	26	18	9	-	139.22075	-0.00017
41	17	24	-	39	15	24	-	139.29402	0.00037
24	21	4	+	22	19	4	+	139.38475	-0.00026
24	21	4	-	22	19	4	-	139.47636	0.00007
37	18	19	+	35	16	19	+	139.68247	-0.00026
33	19	14	+	31	17	14	+	140.05951	-0.00002
33	19	14	-	31	17	14	-	140.13675	-0.00001
29	20	9	+	27	18	9	+	140.37025	-0.00013
29	20	9	-	27	18	9	-	140.45480	0.00000
42	17	26	+	40	15	26	+	140.45488	0.00025
32	23	10	+	31	21	10	+	140.51348	-0.00006
25	21	4	+	23	19	4	+	140.62083	0.00000
25	21	4	-	23	19	4	-	140.71114	-0.00013
38	18	21	+	36	16	21	+	140.91240	0.00018
47	16	31	+	45	14	31	+	141.11601	-0.00010
47	16	31	-	45	14	31	-	141.17059	0.00026
34	19	16	+	32	17	16	+	141.29278	0.00021
34	19	16	-	32	17	16	-	141.36827	-0.00028
30	20	11	+	28	18	11	+	141.60551	0.00004
30	20	11	-	28	18	11	-	141.68841	-0.00024
43	17	26	-	41	15	26	-	141.73829	0.00009
26	21	6	+	24	19	6	+	141.85691	0.00007
26	21	6	-	24	19	6	-	141.94615	-0.00017
22	22	1	+	20	20	1	+	142.05059	-0.00021
22	22	1	-	20	20	1	-	142.14342	-0.00015
48	16	33	-	46	14	33	-	142.38075	-0.00031
35	19	16	+	33	17	16	+	142.52537	0.00004
35	19	16	-	33	17	16	-	142.60021	0.00013
31	20	11	+	29	18	11	+	142.84037	-0.00013
31	20	11	-	29	18	11	-	142.92249	0.00005
27	21	6	+	25	19	6	+	143.09289	-0.00010
28	24	5	-	27	22	5	-	143.14611	-0.00027
27	21	6	-	25	19	6	-	143.18162	0.00019
23	22	1	+	21	20	1	+	143.28697	-0.00005
40	18	23	+	38	16	23	+	143.36922	-0.00022
23	22	1	-	21	20	1	-	143.37954	-0.00002
40	18	23	-	38	16	23	-	143.43601	0.00006
36	19	18	+	34	17	18	+	143.75750	-0.00026
29	24	5	-	28	22	7	-	143.77200	-0.00025
36	19	18	-	34	17	18	-	143.83128	-0.00003
32	20	13	+	30	18	13	+	144.07545	0.00001
32	20	13	-	30	18	13	-	144.15621	0.00007
45	17	28	-	43	15	28	-	144.17899	0.00028
30	24	7	+	29	22	7	+	144.28837	-0.00039
28	21	8	+	26	19	8	+	144.32898	-0.00025
30	24	7	-	29	22	7	-	144.39868	0.00029
28	21	8	-	26	19	8	-	144.41622	-0.00037
24	22	3	+	22	20	3	+	144.52325	-0.00031
41	18	23	+	39	16	23	+	144.59735	0.00030
24	22	3	-	22	20	3	-	144.61554	-0.00010
41	18	23	-	39	16	23	-	144.66280	0.00030
37	19	18	-	35	17	18	-	145.06236	0.00016
33	20	13	+	31	18	13	+	145.30999	-0.00026
33	20	13	-	31	18	13	-	145.38982	0.00011
29	21	8	+	27	19	8	+	145.56546	-0.00009
25	22	3	+	23	20	3	+	145.76018	-0.00018

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^{(c)}$
		1				2		3	4
25	22	3	—	23	20	3	—	145.85160	-0.00021
34	20	15	+	32	18	15	+	146.54506	0.00018
34	20	15	—	32	18	15	—	146.62318	0.00005
30	21	10	+	28	19	10	+	146.80212	0.00023
26	22	5	+	24	20	5	+	146.99778	0.00039
43	18	25	+	41	16	25	+	147.05021	0.00021
26	22	5	—	24	20	5	—	147.08808	0.00002
35	20	15	+	33	18	15	+	147.77926	-0.00004
35	20	15	—	33	18	15	—	147.85662	0.00026
31	21	10	+	29	19	10	+	148.03810	-0.00013
27	22	5	+	25	20	5	+	148.23487	0.00027
27	22	5	—	25	20	5	—	148.32434	-0.00005
23	23	0	—	21	21	0	—	148.46527	0.00032
36	20	17	—	34	18	17	—	149.08947	0.00011
32	21	12	+	30	19	12	+	149.27455	0.00003
32	21	12	—	30	19	12	—	149.35732	0.00009
28	22	7	+	26	20	7	+	149.47157	-0.00039
28	22	7	—	26	20	7	—	149.56044	-0.00034
24	23	2	+	22	21	2	+	149.60966	0.00005
24	23	2	—	22	21	2	—	149.70221	0.00000
37	20	17	+	35	18	17	+	150.24754	0.00017
33	21	12	+	31	19	12	+	150.51078	0.00004
33	21	12	—	31	19	12	—	150.59264	0.00037
29	22	7	+	27	20	7	+	150.70977	0.00035
29	22	7	—	27	20	7	—	150.79729	0.00007
25	23	2	+	23	21	2	+	150.84729	-0.00009
25	23	2	—	23	21	2	—	150.93935	-0.00022
38	20	19	+	36	18	19	+	151.48118	0.00025
34	21	14	+	32	19	14	+	151.74707	0.00022
34	21	14	—	32	19	14	—	151.82754	0.00033
30	22	9	+	28	20	9	+	151.94709	0.00013
26	23	4	—	24	21	4	—	152.17695	-0.00007
31	22	9	+	29	20	9	+	153.18476	0.00022
31	22	9	—	29	20	9	—	153.26997	-0.00022
27	23	4	+	25	21	4	+	153.32362	-0.00005
27	23	4	—	25	21	4	—	153.41441	-0.00014
36	21	16	—	34	19	16	—	154.29658	-0.00005
32	22	11	+	30	20	11	+	154.42240	0.00028
32	22	11	—	30	20	11	—	154.50668	0.00002
28	23	6	+	26	21	6	+	154.56201	-0.00010
28	23	6	—	26	21	6	—	154.65179	-0.00038
37	21	16	—	35	19	16	—	155.53132	0.00027
33	22	11	—	31	20	11	—	155.74337	0.00028
25	24	1	+	23	22	1	+	155.88083	0.00016
29	23	6	—	27	21	6	—	155.88992	0.00006
38	21	18	—	36	19	18	—	156.76558	0.00035
34	22	13	—	32	20	13	—	156.97922	-0.00024
26	24	3	+	24	22	3	+	157.11984	0.00013
30	23	8	—	28	21	8	—	157.12735	-0.00025
27	27	0	+	26	25	2	+	157.15104	-0.00060
26	24	3	—	24	22	3	—	157.21197	-0.00001
39	21	18	—	37	19	18	—	157.99903	-0.00010
31	23	8	+	29	21	8	+	158.27851	0.00035
31	23	8	—	29	21	8	—	158.36568	0.00031
27	24	3	—	25	22	3	—	158.45048	-0.00025
40	21	20	+	38	19	20	+	159.15932	0.00024
36	22	15	+	34	20	15	+	159.37177	-0.00004
32	23	10	+	30	21	10	+	159.51677	-0.00020
28	24	5	+	26	22	5	+	159.59885	0.00035
33	23	10	+	31	21	10	+	160.75596	0.00017
25	25	0	+	23	23	0	+	160.85921	0.00008
29	24	5	—	27	22	5	—	160.92833	-0.00017
25	25	0	—	23	23	0	—	160.95193	-0.00006
42	21	22	+	40	19	22	+	161.62722	0.00000
38	22	17	+	36	20	17	+	161.84556	-0.00023
30	24	7	+	28	22	7	+	162.07806	0.00006
26	25	2	—	24	23	2	—	162.19200	0.00013
39	22	17	+	37	20	17	+	163.08219	-0.00024
31	24	7	+	29	22	7	+	163.31814	0.00021
31	24	7	—	29	22	7	—	163.40648	-0.00004
36	23	14	+	34	21	14	+	164.47179	-0.00019
32	24	9	—	30	22	9	—	164.64584	0.00026

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
30	25	6	+	28	23	6	+	167.06154	-0.00024
27	27	0	-	25	25	0	-	173.22600	0.00062

Microwave transitions from Ref. [63] (in cm^{-1}) as used in the fit

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^{b)}	$\delta^c)$
		1				2		3	4
11	2	9	-	10	3	8	-	0.249128	-0.000009
11	2	9	+	10	3	8	+	0.255168	0.000010
11	3	8	-	12	2	11	-	0.275001	0.000008
14	4	11	+	15	3	12	+	0.352588	0.000023
28	7	22	+	29	6	23	+	0.359245	-0.000000
14	4	11	-	15	3	12	-	0.362983	0.000016
28	7	22	-	29	6	23	-	0.372995	-0.000005
13	2	11	+	14	1	14	+	0.428298	0.000028
3	0	3	-	2	1	2	-	0.464352	0.000045
3	0	3	+	2	1	2	+	0.475047	0.000023
13	2	11	-	14	1	14	-	0.489341	0.000015
14	2	13	-	13	3	10	-	0.552208	-0.000006
21	4	17	-	20	5	16	-	0.578240	0.000004
14	2	13	+	13	3	10	+	0.580654	0.000093
21	4	17	+	20	5	16	+	0.586608	-0.000005
7	1	6	-	6	2	5	-	0.691599	0.000025
7	1	6	+	6	2	5	+	0.696679	0.000074
23	6	17	+	24	5	20	+	0.722830	0.000019
23	6	17	-	24	5	20	-	0.738865	-0.000008
32	8	25	+	33	7	26	+	0.750955	0.000002
32	8	25	-	33	7	26	-	0.765680	0.000013
25	3	22	+	26	2	25	+	0.800512	0.000014
22	4	19	-	21	5	16	-	0.811835	0.000009
22	4	19	+	21	5	16	+	0.827330	0.000039
4	2	3	+	5	1	4	+	0.843463	-0.000053
40	8	33	-	39	9	30	-	0.856414	-0.000019
18	3	16	-	17	4	13	-	0.859110	0.000003
4	2	3	-	5	1	4	-	0.861626	-0.000042
40	8	33	+	39	9	30	+	0.869113	0.000011
18	5	14	+	19	4	15	+	0.875426	0.000020
18	3	16	+	17	4	13	+	0.878821	0.000044
25	3	22	-	26	2	25	-	0.882260	-0.000000
18	5	14	-	19	4	15	-	0.889371	-0.000000
22	2	21	-	21	3	18	-	0.976936	0.000009
31	6	25	-	30	7	24	-	1.017305	0.000006
31	6	25	+	30	7	24	+	1.028000	0.000007
15	2	13	+	16	1	16	+	1.034567	0.000000
22	2	21	+	21	3	18	+	1.039519	0.000001
27	7	20	+	28	6	23	+	1.068226	0.000003
27	7	20	-	28	6	23	-	1.084176	-0.000004
15	2	13	-	16	1	16	-	1.105013	0.000005
36	9	28	+	37	8	29	+	1.125147	-0.000000
36	9	28	-	37	8	29	-	1.140451	0.000020
16	2	15	-	15	3	12	-	1.147911	0.000001
16	2	15	+	15	3	12	+	1.182027	0.000059
36	7	30	-	35	8	27	-	1.229374	-0.000019
17	3	14	-	16	4	13	-	1.240490	-0.000012
36	7	30	+	35	8	27	+	1.241564	-0.000004
17	3	14	+	16	4	13	+	1.243240	-0.000000
5	2	3	+	6	1	6	+	1.256595	0.000077
9	3	6	-	10	2	9	-	1.267525	0.000006
5	2	3	-	6	1	6	-	1.293448	0.000051
8	3	6	+	9	2	7	+	1.304869	-0.000006
22	6	17	+	23	5	18	+	1.311789	0.000013
8	3	6	-	9	2	7	-	1.321068	-0.000006
22	6	17	-	23	5	18	-	1.327569	-0.000010
20	2	19	-	19	3	16	-	1.395067	0.000012
31	8	23	+	32	7	26	+	1.427398	-0.000000
13	4	9	-	14	3	12	-	1.429426	0.000001
31	8	23	-	32	7	26	-	1.443527	-0.000003

Table (cont.)

N'	K'_a	K'_c	$J'^{(a)}$	N''	K''_a	K''_c	$J''^{(a)}$	GSCD ^(b)	δ^c
1				2				3	4
18	2	17	—	17	3	14	—	1.445558	0.000011
20	2	19	+	19	3	16	+	1.447191	0.000014
1	0	1	+	1	1	0	+	1.447323	0.000047
1	0	1	—	1	1	0	—	1.482419	-0.000011
18	2	17	+	17	3	14	+	1.487850	0.000044
27	5	22	—	26	6	21	—	1.519627	0.000016
27	5	22	+	26	6	21	+	1.527202	0.000012
32	6	27	—	31	7	24	—	1.583091	-0.000001
3	0	3	+	3	1	2	+	1.592363	0.000055
32	6	27	+	31	7	24	+	1.595076	0.000007
3	0	3	—	3	1	2	—	1.612165	0.000032
17	5	12	+	18	4	15	+	1.689535	0.000065
26	7	20	+	27	6	21	+	1.704394	0.000001
17	5	12	—	18	4	15	—	1.708980	-0.000001
26	7	20	—	27	6	21	—	1.721033	-0.000011
35	9	26	+	36	8	29	+	1.788108	0.000001
32	3	30	—	31	4	27	—	1.798688	0.000003
35	9	26	—	36	8	29	—	1.804487	0.000017
12	4	9	+	13	3	10	+	1.808987	0.000023
12	4	9	—	13	3	10	—	1.826979	0.000001
5	0	5	—	4	1	4	—	1.838103	0.000045
5	0	5	+	4	1	4	+	1.838315	0.000001
20	3	18	—	19	4	15	—	1.842405	0.000006
20	3	18	+	19	4	15	+	1.864411	0.000011
5	0	5	+	5	1	4	+	1.869880	0.000053
32	3	30	+	31	4	27	+	1.874418	-0.000019
28	5	24	—	27	6	21	—	1.875036	0.000010
28	5	24	+	27	6	21	+	1.887673	-0.000035
5	0	5	—	5	1	4	—	1.889990	0.000018
17	2	15	+	18	1	18	+	1.938516	-0.000028
13	2	11	+	12	3	10	+	1.956247	0.000047
13	2	11	—	12	3	10	—	1.958382	-0.000020
37	7	30	—	36	8	29	—	1.981373	-0.000023
37	7	30	+	36	8	29	+	1.991235	-0.000002
24	4	21	—	23	5	18	—	2.014423	0.000008
17	2	15	—	18	1	18	—	2.017594	0.000005
21	6	15	+	22	5	18	+	2.024417	0.000024
24	4	21	+	23	5	18	+	2.029861	-0.000008
21	6	15	—	22	5	18	—	2.043085	-0.000007
30	8	23	+	31	7	24	+	2.077341	0.000001
30	8	23	—	31	7	24	—	2.094387	-0.000021
3	2	1	+	4	1	4	+	2.117673	0.000067
27	3	24	+	28	2	27	+	2.136683	-0.000002
39	10	29	+	40	9	32	+	2.145771	-0.000024
39	10	29	—	40	9	32	—	2.162389	0.000010
3	2	1	—	4	1	4	—	2.164226	0.000033
23	4	19	—	22	5	18	—	2.172008	0.000008
23	4	19	+	22	5	18	+	2.174093	0.000010
27	3	24	—	28	2	27	—	2.225881	-0.000007
16	5	12	+	17	4	13	+	2.248994	0.000028
16	5	12	—	17	4	13	—	2.268137	-0.000001
2	2	1	+	3	1	2	+	2.285844	-0.000057
7	0	7	+	7	1	6	+	2.317562	0.000050
9	1	8	—	8	2	7	—	2.319608	-0.000004
7	0	7	—	7	1	6	—	2.341739	-0.000029
7	3	4	—	8	2	7	—	2.370066	-0.000010
25	7	18	+	26	6	21	+	2.378449	0.000010
25	7	18	—	26	6	21	—	2.396870	-0.000012
34	9	26	+	35	8	27	+	2.440219	-0.000000
34	9	26	—	35	8	27	—	2.457537	0.000012
33	6	27	—	32	7	26	—	2.467306	-0.000004
33	6	27	+	32	7	26	+	2.474545	0.000008