Table VIII Wavenumbers of the Observed and Calculated Transitions in the $\nu_2+\nu_3-\nu_3$ Band of $F^{37}Cl^{16}O_3$

(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
13	12	0	707.83720	707.83693	0.00027	1.00	54	55	0	682.74719	682.74775	−0.00056	1.00
14	13	0	708.17413	708.17440	−0.00027	1.00	11	10	3	707.16254	707.16276	−0.00022	1.00
15	14	0	708.51083	708.51094	−0.00011	1.00	12	11	3	707.50245	707.50212	0.00033	1.00
16	15	0	708.84645	708.84653	−0.00008	1.00	13	12	3	707.84087	707.84054	0.00033	1.00
17	16	0	709.18100	709.18117	−0.00017	1.00	14	13	3	708.17768	708.17801	−0.00034	1.00
19	18	0	709.84749	709.84763	−0.00013	1.00	15	14	3	708.51505	708.51454	0.00051	1.00
20	19	0	710.17948	710.17943	0.00005	1.00	16	15	3	708.85028	708.85013	0.00015	1.00
21	20	0	710.50964	710.51029	−0.00065	1.00	17	16	3	709.18476	709.18478	−0.00002	1.00
22	21	0	710.84093	710.84020	0.00073	1.00	18	17	3	709.51848	709.51847	0.00001	1.00
23	22	0	711.16864	711.16916	−0.00052	1.00	19	18	3	709.85149	709.85122	0.00026	1.00
26	25	0	712.15032	712.15035	−0.00004	1.00	20	19	3	710.18269	710.18303	−0.00034	1.00
27	26	0	712.47547	712.47552	−0.00004	1.00	21	20	3	710.51401	710.51388	0.00013	1.00
28	27	0	712.79983	712.79973	0.00010	1.00	22	21	3	710.84461	710.84379	0.00082	1.00
29	28	0	713.12276	713.12299	−0.00023	1.00	23	22	3	711.17263	711.17275	−0.00012	1.00
30	29	0	713.44519	713.44530	−0.00011	1.00	27	26	3	712.47878	712.47909	−0.00031	1.00
31	30	0	713.76677	713.76666	0.00011	1.00	28	27	3	712.80370	712.80331	0.00039	1.00
33	32	0	714.40622	714.40653	−0.00031	1.00	29	28	3	713.12646	713.12656	−0.00010	1.00
35	34	0	715.04247	715.04259	−0.00012	1.00	30	29	3	713.44900	713.44887	0.00013	1.00
36	35	0	715.35923	715.35919	0.00004	1.00	31	30	3	713.77009	713.77023	−0.00014	1.00
37	36	0	715.67500	715.67484	0.00016	1.00	32	31	3	714.09047	714.09064	−0.00016	1.00
38	37	0	715.98983	715.98953	0.00029	1.00	33	32	3	714.40995	714.41009	−0.00013	1.00
40	39	0	716.61549	716.61607	−0.00059	1.00	35	34	3	715.04617	715.04614	0.00003	1.00
41	40	0	716.92799	716.92791	0.00007	1.00	36	35	3	715.36291	715.36274	0.00017	1.00
42	41	0	717.23854	717.23880	−0.00027	1.00	37	36	3	715.67894	715.67838	0.00056	1.00
44	43	0	717.85827	717.85773	0.00054	1.00	38	37	3	715.99343	715.99308	0.00036	1.00
48	47	0	719.08355	719.08417	−0.00061	1.00	40	39	3	716.62029	716.61961	0.00068	1.00
49	48	0	719.38900	719.38840	0.00060	1.00	41	40	3	716.93136	716.93145	−0.00009	1.00
50	49	0	719.69155	719.69169	−0.00013	1.00	42	41	3	717.24287	717.24233	0.00054	1.00
8	9	0	700.17564	700.17562	0.00002	1.00	43	42	3	717.55216	717.55227	−0.00011	1.00
9	10	0	699.81672	699.81672	0.00000	1.00	44	43	3	717.86113	717.86125	−0.00012	1.00
10	11	0	699.45716	699.45690	0.00026	1.00	45	44	3	718.16934	718.16928	0.00006	1.00
11	12	0	699.09576	699.09617	−0.00041	1.00	46	45	3	718.47685	718.47636	0.00049	1.00
12	13	0	698.73440	698.73453	−0.00013	1.00	49	48	3	719.39204	719.39190	0.00014	1.00
14	15	0	698.00884	698.00852	0.00032	1.00	50	49	3	719.69493	719.69518	−0.00025	1.00
15	16	0	697.64352	697.64415	−0.00063	1.00	51	50	3	719.99787	719.99751	0.00036	1.00
18	19	0	696.54528	696.54561	−0.00033	1.00	3	3	3	703.36246	703.36230	0.00016	1.00
19	20	0	696.17756	696.17763	−0.00006	1.00	4	4	3	703.35919	703.35858	0.00061	1.00
20	21	0	695.80830	695.80875	−0.00044	1.00	7	7	3	703.34266	703.34185	0.00081	1.00
21	22	0	695.43907	695.43897	0.00010	1.00	5	6	3	701.25067	701.25044	0.00024	1.00
22	23	0	695.06817	695.06830	−0.00013	1.00	6	7	3	700.89397	700.89429	−0.00033	1.00
23	24	0	694.69675	694.69673	0.00002	1.00	7	8	3	700.53804	700.53723	0.00081	1.00
24	25	0	694.32379	694.32428	−0.00049	1.00	8	9	3	700.17965	700.17925	0.00040	1.00
25	26	0	693.95072	693.95093	−0.00022	1.00	9	10	3	699.82044	699.82035	0.00008	1.00
26	27	0	693.57629	693.57670	−0.00041	1.00	10	11	3	699.46050	699.46054	−0.00004	1.00
28	29	0	692.82526	692.82559	−0.00033	1.00	11	12	3	699.10058	699.09981	0.00077	1.00
29	30	0	692.44878	692.44871	0.00007	1.00	12	13	3	698.73837	698.73817	0.00020	1.00
30	31	0	692.07109	692.07096	0.00014	1.00	13	14	3	698.37519	698.37562	−0.00042	1.00
31	32	0	691.69205	691.69232	−0.00028	1.00	14	15	3	698.01238	698.01215	0.00023	1.00
33	34	0	690.93190	690.93244	−0.00054	1.00	15	16	3	697.64766	697.64778	−0.00013	1.00
34	35	0	690.55129	690.55120	0.00009	1.00	16	17	3	697.28252	697.28251	0.00002	1.00
35	36	0	690.16864	690.16909	−0.00044	1.00	17	18	3	696.91565	696.91633	−0.00068	1.00
36	37	0	689.78591	689.78611	−0.00020	1.00	18	19	3	696.54988	696.54925	0.00064	1.00
37	38	0	689.40281	689.40227	0.00054	1.00	19	20	3	696.18095	696.18126	−0.00031	1.00
38	39	0	689.01736	689.01758	−0.00022	1.00	20	21	3	695.81236	695.81238	−0.00002	1.00
39	40	0	688.63184	688.63202	−0.00019	1.00	21	22	3	695.44266	695.44261	0.00005	1.00
40	41	0	688.24579	688.24562	0.00017	1.00	22	23	3	695.07201	695.07193	0.00008	1.00
42	43	0	687.47060	687.47025	0.00035	1.00	23	24	3	694.70019	694.70037	−0.00018	1.00
43	44	0	687.08207	687.08130	0.00078	1.00	24	25	3	694.32728	694.32791	−0.00063	1.00
44	45	0	686.69146	686.69150	−0.00004	1.00	25	26	3	693.95468	693.95457	0.00011	1.00
45	46	0	686.30018	686.30086	−0.00068	1.00	26	27	3	693.57955	693.58033	−0.00079	1.00
48	49	0	685.12390	685.12393	−0.00003	1.00	27	28	3	693.20552	693.20522	0.00030	1.00
51	52	0	683.93920	683.93953	−0.00033	1.00	28	29	3	692.82934	692.82922	0.00012	1.00

(I) In order the values of *J* upper, *J* lower and *K* lower are reported.

(II) Observed wavenumbers (in cm^{-1}).

(III) Calculated wavenumbers (in cm^{-1}).

(IV) Observed – Calculated values (in cm^{-1}).

(V) Transition weight..

Continued

(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
29	30	3	692.45249	692.45234	0.00015	1.00	31	32	6	691.70665	691.70683	−0.00018	1.00
30	31	3	692.07479	692.07458	0.00021	1.00	33	34	6	690.94761	690.94694	0.00067	1.00
31	32	3	691.69594	691.69595	−0.00001	1.00	34	35	6	690.56575	690.56569	0.00006	1.00
32	33	3	691.31673	691.31644	0.00028	1.00	35	36	6	690.18348	690.18357	−0.00009	1.00
33	34	3	690.93606	690.93607	0.00000	1.00	38	39	6	689.03246	689.03204	0.00042	1.00
34	35	3	690.55478	690.55482	−0.00004	1.00	39	40	6	688.64627	688.64649	−0.00021	1.00
35	36	3	690.17278	690.17271	0.00008	1.00	40	41	6	688.26059	688.26007	0.00052	1.00
37	38	3	689.40598	689.40589	0.00009	1.00	41	42	6	687.87266	687.87281	−0.00014	1.00
38	39	3	689.02099	689.02119	−0.00020	1.00	42	43	6	687.48446	687.48469	−0.00023	1.00
40	41	3	688.24949	688.24923	0.00027	1.00	43	44	6	687.09566	687.09573	−0.00007	1.00
43	44	3	687.08541	687.08491	0.00050	1.00	44	45	6	686.70577	686.70593	−0.00015	1.00
44	45	3	686.69512	686.69511	0.00001	1.00	45	46	6	686.31599	686.31528	0.00071	1.00
45	46	3	686.30407	686.30447	−0.00039	1.00	46	47	6	685.92381	685.92380	0.00002	1.00
46	47	3	685.91268	685.91299	−0.00031	1.00	47	48	6	685.53140	685.53148	−0.00007	1.00
47	48	3	685.52014	685.52067	−0.00054	1.00	48	49	6	685.13829	685.13832	−0.00003	1.00
48	49	3	685.12733	685.12753	−0.00020	1.00	49	50	6	684.74514	684.74434	0.00080	1.00
53	54	3	683.15027	683.14941	0.00086	1.00	50	51	6	684.34911	684.34953	−0.00042	1.00
54	55	3	682.75173	682.75133	0.00040	1.00	51	52	6	683.95381	683.95390	−0.00009	1.00
11	10	6	707.17368	707.17360	0.00008	1.00	52	53	6	683.55725	683.55744	−0.00019	1.00
12	11	6	707.51274	707.51296	−0.00021	1.00	53	54	6	683.15996	683.16017	−0.00021	1.00
13	12	6	707.85144	707.85137	0.00008	1.00	54	55	6	682.76237	682.76208	0.00029	1.00
14	13	6	708.18865	708.18884	−0.00019	1.00	12	11	9	707.53121	707.53103	0.00018	1.00
15	14	6	708.52539	708.52537	0.00002	1.00	13	12	9	707.86941	707.86943	−0.00002	1.00
16	15	6	708.86101	708.86095	0.00006	1.00	14	13	9	708.20623	708.20689	−0.00066	1.00
17	16	6	709.19557	709.19558	−0.00002	1.00	15	14	9	708.54318	708.54341	−0.00023	1.00
18	17	6	709.52995	709.52927	0.00068	1.00	16	15	9	708.87908	708.87898	0.00010	1.00
19	18	6	709.86212	709.86202	0.00011	1.00	17	16	9	709.21302	709.21361	−0.00058	1.00
20	19	6	710.19355	710.19382	−0.00027	1.00	18	17	9	709.54770	709.54729	0.00042	1.00
22	21	6	710.85477	710.85457	0.00020	1.00	19	18	9	709.88020	709.88002	0.00019	1.00
23	22	6	711.18355	711.18352	0.00003	1.00	20	19	9	710.21157	710.21180	−0.00023	1.00
26	25	6	712.16423	712.16468	−0.00044	1.00	21	20	9	710.54277	710.54264	0.00012	1.00
28	27	6	712.81412	712.81403	0.00009	1.00	22	21	9	710.87260	710.87253	0.00007	1.00
30	29	6	713.45972	713.45958	0.00014	1.00	23	22	9	711.20129	711.20147	−0.00019	1.00
32	31	6	714.10049	714.10133	−0.00084	1.00	24	23	9	711.52964	711.52946	0.00018	1.00
33	32	6	714.42117	714.42077	0.00040	1.00	25	24	9	711.85692	711.85650	0.00042	1.00
34	33	6	714.73911	714.73926	−0.00016	1.00	26	25	9	712.18236	712.18259	−0.00023	1.00
35	34	6	715.05627	715.05680	−0.00053	1.00	28	27	9	712.83219	712.83192	0.00028	1.00
36	35	6	715.37350	715.37339	0.00011	1.00	29	28	9	713.15470	713.15515	−0.00046	1.00
37	36	6	715.68872	715.68903	−0.00030	1.00	30	29	9	713.47816	713.47744	0.00072	1.00
39	38	6	716.31775	716.31744	0.00031	1.00	31	30	9	713.79908	713.79877	0.00031	1.00
40	39	6	716.62981	716.63022	−0.00041	1.00	32	31	9	714.11890	714.11915	−0.00025	1.00
41	40	6	716.94211	716.94204	0.00007	1.00	34	33	9	714.75699	714.75706	−0.00007	1.00
42	41	6	717.25334	717.25292	0.00042	1.00	35	34	9	715.07408	715.07458	−0.00050	1.00
44	43	6	717.87216	717.87181	0.00034	1.00	36	35	9	715.39109	715.39115	−0.00006	1.00
45	44	6	718.17953	718.17983	−0.00030	1.00	37	36	9	715.70734	715.70677	0.00057	1.00
46	45	6	718.48718	718.48690	0.00028	1.00	38	37	9	716.02108	716.02144	−0.00036	1.00
47	46	6	718.79338	718.79302	0.00036	1.00	39	38	9	716.33483	716.33515	−0.00031	1.00
48	47	6	719.09819	719.09819	0.00000	1.00	40	39	9	716.64769	716.64791	−0.00022	1.00
49	48	6	719.40237	719.40240	−0.00004	1.00	42	41	9	717.27106	717.27057	0.00048	1.00
50	49	6	719.70523	719.70567	−0.00044	1.00	44	43	9	717.88897	717.88943	−0.00046	1.00
52	51	6	720.30955	720.30936	0.00019	1.00	45	44	9	718.19726	718.19743	−0.00017	1.00
55	54	6	721.20736	721.20778	−0.00042	1.00	46	45	9	718.50438	718.50448	−0.00010	1.00
57	56	6	721.80268	721.80200	0.00068	1.00	48	47	9	719.11537	719.11572	−0.00035	1.00
6	6	6	703.35919	703.35924	−0.00005	1.00	49	48	9	719.41985	719.41992	−0.00007	1.00
7	7	6	703.35196	703.35273	−0.00077	1.00	50	49	9	719.72245	719.72317	−0.00071	1.00
8	8	6	703.34570	703.34529	0.00040	1.00	53	52	9	720.62703	720.62721	−0.00017	1.00
10	10	6	703.32788	703.32763	0.00025	1.00	58	57	9	722.11577	722.11500	0.00078	1.00
11	11	6	703.31773	703.31741	0.00032	1.00	9	9	9	703.35515	703.35507	0.00009	1.00
12	12	6	703.30672	703.30626	0.00046	1.00	10	10	9	703.34569	703.34577	−0.00008	1.00
14	14	6	703.28116	703.28118	−0.00002	1.00	11	11	9	703.33607	703.33554	0.00053	1.00
15	15	6	703.26671	703.26725	−0.00054	1.00	12	12	9	703.32420	703.32439	−0.00019	1.00
8	9	6	700.19004	700.19016	−0.00012	1.00	13	13	9	703.31158	703.31231	−0.00073	1.00
9	10	6	699.83088	699.83126	−0.00038	1.00	15	15	9	703.28498	703.28536	−0.00038	1.00
10	11	6	699.47180	699.47145	0.00035	1.00	16	16	9	703.27058	703.27050	0.00008	1.00
11	12	6	699.11029	699.11072	−0.00043	1.00	20	20	9	703.20228	703.20180	0.00048	1.00
12	13	6	698.74916	698.74908	0.00008	1.00	9	10	9	699.84871	699.84945	−0.00073	1.00
13	14	6	698.38662	698.38652	0.00009	1.00	10	11	9	699.48992	699.48963	0.00029	1.00
15	16	6	697.65822	697.65869	−0.00047	1.00	11	12	9	699.12897	699.12891	0.00006	1.00
16	17	6	697.29352	697.29342	0.00011	1.00	12	13	9	698.76727	698.76727	0.00000	1.00
17	18	6	696.92744	696.92724	0.00020	1.00	13	14	9	698.40458	698.40472	−0.00014	1.00
18	19	6	696.55999	696.56015	−0.00017	1.00	14	15	9	698.04117	698.04125	−0.00008	1.00
19	20	6	696.19205	696.19217	−0.00013	1.00	15	16	9	697.67662	697.67688	−0.00026	1.00
20	21	6	695.82316	695.82329	−0.00013	1.00	16	17	9	697.31247	697.31161	0.00086	1.00
21	22	6	695.45351	695.45351	0.00000	1.00	17	18	9	696.94523	696.94543	−0.00019	1.00
22	23	6	695.08277	695.08284	−0.00007	1.00	19	20	9	696.21056	696.21036	0.00021	1.00
24	25	6	694.33867	694.33881	−0.00014	1.00	20	21	9	695.84123	695.84147	−0.00024	1.00
25	26	6	693.96620	693.96546	0.00074	1.00	21	22	9	695.47125	695.47169	−0.00044	1.00
27	28	6	693.21624	693.21611	0.00013	1.00	22	23	9	695.10139	695.10102	0.00037	1.00
28	29	6	692.83977	692.84011	−0.00033	1.00	23	24	9	694.72973	694.72945	0.00028	1.00
30	31	6	692.08584	692.08547	0.00038	1.00	25	26	9	693.98377	693.98363	0.00013	1.00

Continued

(I)	(II)	(III)	(IV)	(V)	(I)	(II)	(III)	(IV)	(V)
26 27 9	693.60884	693.60940	-0.00055	1.00	38 39 12	689.07560	689.07549	0.00011	1.00
27 28 9	693.23438	693.23427	0.00010	1.00	39 40 12	688.68978	688.68991	-0.00013	1.00
28 29 9	692.85848	692.85827	0.00022	1.00	40 41 12	688.30384	688.30348	0.00037	1.00
30 31 9	692.10373	692.10361	0.00011	1.00	41 42 12	687.91611	687.91619	-0.00008	1.00
31 32 9	691.72500	691.72497	0.00003	1.00	42 43 12	687.52815	687.52805	0.00009	1.00
32 33 9	691.34569	691.34546	0.00023	1.00	43 44 12	687.13921	687.13907	0.00014	1.00
33 34 9	690.96457	690.96507	-0.00049	1.00	45 46 12	686.35851	686.35857	-0.00006	1.00
34 35 9	690.58386	690.58381	0.00005	1.00	46 47 12	685.96643	685.96706	-0.00063	1.00
35 36 9	690.20168	690.20169	-0.00001	1.00	47 48 12	685.57479	685.57472	0.00007	1.00
36 37 9	689.81867	689.81870	-0.00003	1.00	48 49 12	685.18099	685.18154	-0.00054	1.00
37 38 9	689.43476	689.43485	-0.00008	1.00	49 50 12	684.78775	684.78753	0.00022	1.00
38 39 9	689.05008	689.05014	-0.00006	1.00	50 51 12	684.39255	684.39269	-0.00014	1.00
39 40 9	688.66443	688.66457	-0.00014	1.00	51 52 12	683.99718	683.99703	0.00015	1.00
40 41 9	688.27806	688.27815	-0.00009	1.00	54 55 12	682.80581	682.80512	0.00069	1.00
41 42 9	687.89081	687.89088	-0.00006	1.00	16 15 15	708.93638	708.93676	-0.00038	1.00
42 43 9	687.50277	687.50275	0.00002	1.00	17 16 15	709.27174	709.27135	0.00039	1.00
43 44 9	687.11371	687.11378	-0.00007	1.00	20 19 15	710.26954	710.26944	0.00009	1.00
44 45 9	686.72381	686.72397	-0.00016	1.00	21 20 15	710.60045	710.60024	0.00020	1.00
45 46 9	686.33312	686.33331	-0.00019	1.00	22 21 15	710.93007	710.93009	-0.00002	1.00
46 47 9	685.94238	685.94182	0.00056	1.00	23 22 15	711.25914	711.25899	0.00015	1.00
48 49 9	685.15619	685.15632	-0.00013	1.00	25 24 15	711.91472	711.91394	0.00078	1.00
49 50 9	684.76167	684.76233	-0.00065	1.00	26 25 15	712.23982	712.23999	-0.00017	1.00
50 51 9	684.36706	684.36751	-0.00045	1.00	27 26 15	712.56494	712.56508	-0.00014	1.00
51 52 9	683.97176	683.97186	-0.00010	1.00	29 28 15	713.21258	713.21242	0.00016	1.00
52 53 9	683.57510	683.57539	-0.00029	1.00	31 30 15	713.85549	713.85594	-0.00044	1.00
15 14 12	708.56797	708.56869	-0.00072	0.10	33 32 15	714.49582	714.49565	0.00017	1.00
18 17 12	709.57327	709.57252	0.00075	1.00	34 33 15	714.81387	714.81407	-0.00021	1.00
19 18 12	709.90524	709.90524	0.00000	1.00	35 34 15	715.13161	715.13154	0.00006	1.00
20 19 12	710.23691	710.23701	-0.00010	1.00	36 35 15	715.44808	715.44806	0.00002	1.00
21 20 12	710.56812	710.56783	0.00030	1.00	37 36 15	715.76372	715.76363	0.00009	1.00
22 21 12	710.89746	710.89770	-0.00024	1.00	39 38 15	716.39245	716.39189	0.00056	1.00
23 22 12	711.22677	711.22662	0.00015	1.00	41 40 15	717.01664	717.01635	0.00030	1.00
24 23 12	711.55473	711.55460	0.00014	1.00	42 41 15	717.32721	717.32714	0.00006	1.00
25 24 12	711.88174	711.88162	0.00013	1.00	44 43 15	717.94607	717.94587	0.00020	1.00
26 25 12	712.20794	712.20769	0.00026	1.00	45 44 15	718.25405	718.25381	0.00024	1.00
28 27 12	712.85774	712.85698	0.00076	1.00	48 47 15	719.17171	719.17191	-0.00020	1.00
29 28 12	713.17959	713.18019	-0.00060	1.00	50 49 15	719.77867	719.77922	-0.00055	1.00
32 31 12	714.14419	714.14413	0.00006	1.00	52 51 15	720.38259	720.38272	-0.00014	1.00
34 33 12	714.78247	714.78199	0.00048	1.00	54 53 15	720.98311	720.98243	0.00069	1.00
35 34 12	715.09963	715.09949	0.00015	1.00	55 54 15	721.28171	721.28086	0.00085	1.00
36 35 12	715.41566	715.41604	-0.00037	1.00	56 55 15	721.57797	721.57834	-0.00037	1.00
37 36 12	715.73216	715.73163	0.00053	1.00	15 15 15	703.34266	703.34340	-0.00074	1.00
40 39 12	716.67253	716.67270	-0.00017	1.00	18 18 15	703.29518	703.29598	-0.00080	1.00
41 40 12	716.98426	716.98448	-0.00022	1.00	19 19 15	703.27826	703.27833	-0.00007	1.00
42 41 12	717.29509	717.29531	-0.00022	1.00	20 20 15	703.25963	703.25974	-0.00012	1.00
44 43 12	717.91359	717.91411	-0.00052	1.00	21 21 15	703.23985	703.24024	-0.00038	1.00
47 46 12	718.83510	718.83517	-0.00007	1.00	22 22 15	703.21921	703.21981	-0.00059	1.00
50 49 12	719.74752	719.74767	-0.00016	1.00	23 23 15	703.19771	703.19845	-0.00074	1.00
51 50 12	720.04952	720.04994	-0.00042	1.00	24 24 15	703.17662	703.17618	0.00045	1.00
52 51 12	720.35100	720.35126	-0.00026	1.00	26 26 15	703.12839	703.12886	-0.00047	1.00
53 52 12	720.65097	720.65163	-0.00066	1.00	28 28 15	703.07817	703.07787	0.00030	1.00
54 53 12	720.95052	720.95105	-0.00052	1.00	29 29 15	703.05141	703.05099	0.00042	1.00
55 54 12	721.24928	721.24952	-0.00024	1.00	30 30 15	703.02378	703.02320	0.00058	1.00
12 12 12	703.34937	703.34979	-0.00041	1.00	31 31 15	702.99479	702.99450	0.00030	1.00
14 14 12	703.32420	703.32468	-0.00048	1.00	32 32 15	702.96556	702.96488	0.00068	1.00
16 16 12	703.29518	703.29587	-0.00069	1.00	17 18 15	697.00323	697.00370	-0.00048	1.00
18 18 12	703.26318	703.26335	-0.00018	1.00	19 20 15	696.26864	696.26863	0.00001	1.00
19 19 12	703.24526	703.24571	-0.00044	1.00	21 22 15	695.53044	695.52995	0.00049	1.00
22 22 12	703.18767	703.18722	0.00045	1.00	22 23 15	695.15952	695.15926	0.00025	1.00
26 26 12	703.09713	703.09634	0.00080	1.00	23 24 15	694.78727	694.78768	-0.00042	1.00
13 14 12	698.43020	698.43020	0.00000	1.00	24 25 15	694.41532	694.41521	0.00010	1.00
14 15 12	698.06675	698.06674	0.00001	1.00	25 26 15	694.04203	694.04185	0.00018	1.00
15 16 12	697.70237	697.70237	0.00000	1.00	27 28 15	693.29253	693.29246	0.00007	1.00
17 18 12	696.97102	696.97091	0.00011	1.00	28 29 15	692.91639	692.91644	-0.00005	1.00
18 19 12	696.60374	696.60382	-0.00008	1.00	29 30 15	692.53959	692.53954	0.00004	1.00
19 20 12	696.23588	696.23584	0.00004	1.00	30 31 15	692.16203	692.16176	0.00027	1.00
21 22 12	695.49687	695.49717	-0.00030	1.00	33 34 15	691.02344	691.02316	0.00028	1.00
22 23 12	695.12690	695.12649	0.00042	1.00	34 35 15	690.64217	690.64188	0.00029	1.00
23 24 12	694.75474	694.75491	-0.00017	1.00	35 36 15	690.25982	690.25974	0.00009	1.00
24 25 12	694.38223	694.38245	-0.00021	1.00	37 38 15	689.49301	689.49285	0.00016	1.00
25 26 12	694.00924	694.00909	0.00015	1.00	38 39 15	689.10810	689.10811	-0.00002	1.00
27 28 12	693.26001	693.25972	0.00029	1.00	39 40 15	688.72315	688.72252	0.00063	1.00
28 29 12	692.88373	692.88371	0.00003	1.00	40 41 15	688.33625	688.33607	0.00018	1.00
29 30 12	692.50634	692.50681	-0.00047	1.00	42 43 15	687.56078	687.56062	0.00016	1.00
30 31 12	692.12945	692.12904	0.00041	1.00	43 44 15	687.17177	687.17162	0.00016	1.00
31 32 12	691.75060	691.75039	0.00021	1.00	44 45 15	686.78198	686.78177	0.00021	1.00
32 33 12	691.37061	691.37087	-0.00026	1.00	45 46 15	686.39051	686.39108	-0.00057	1.00
33 34 12	690.99097	690.99047	0.00050	1.00	46 47 15	685.99915	685.99955	-0.00040	1.00
34 35 12	690.60913	690.60920	-0.00007	1.00	47 48 15	685.60800	685.60719	0.00081	1.00
37 38 12	689.46037	689.46021	0.00016	1.00	48 49 15	685.21419	685.21399	0.00020	1.00

Continued

(I)	(II)	(III)	(IV)	(V)	(I)	(II)	(III)	(IV)	(V)
49 50 15	684.81966	684.81996	-0.00030	1.00	33 32 21	714.58149	714.58146	0.00003	1.00
51 52 15	684.03033	684.02941	0.00092	0.00	34 33 21	714.89931	714.89981	-0.00050	1.00
52 53 15	683.63325	683.63291	0.00035	1.00	36 35 21	715.53333	715.53364	-0.00031	1.00
53 54 15	683.23536	683.23558	-0.00021	1.00	38 37 21	716.16352	716.16365	-0.00013	1.00
20 19 18	710.30885	710.30913	-0.00028	1.00	40 39 21	716.78976	716.78983	-0.00008	1.00
21 20 18	710.63990	710.63991	-0.00001	1.00	41 40 21	717.10083	717.10150	-0.00067	1.00
22 21 18	710.96982	710.96973	0.00009	1.00	42 41 21	717.41198	717.41220	-0.00022	1.00
23 22 18	711.29849	711.29860	-0.00012	1.00	43 42 21	717.72208	717.72195	0.00012	1.00
24 23 18	711.62662	711.62653	0.00009	1.00	44 43 21	718.03039	718.03075	-0.00036	1.00
25 24 18	711.95282	711.95350	-0.00068	1.00	46 45 21	718.64594	718.64548	0.00045	1.00
26 25 18	712.27959	712.27951	0.00008	1.00	47 46 21	718.95140	718.95142	-0.00002	1.00
27 26 18	712.60439	712.60458	-0.00019	1.00	48 47 21	719.25652	719.25640	0.00012	1.00
28 27 18	712.92907	712.92869	0.00038	1.00	50 49 21	719.86352	719.86350	0.00002	1.00
29 28 18	713.25201	713.25185	0.00016	1.00	51 50 21	720.16535	720.16563	-0.00028	1.00
30 29 18	713.57352	713.57405	-0.00054	1.00	52 51 21	720.46667	720.46680	-0.00013	1.00
32 31 18	714.21622	714.21560	0.00061	1.00	53 52 21	720.76652	720.76702	-0.00050	1.00
33 32 18	714.53561	714.53495	0.00066	1.00	54 53 21	721.06587	721.06629	-0.00042	1.00
34 33 18	714.85303	714.85334	-0.00031	1.00	57 56 21	721.95904	721.95840	0.00064	1.00
35 34 18	715.17075	715.17077	-0.00002	1.00	21 21 21	703.32788	703.32733	0.00056	1.00
37 36 18	715.80217	715.80278	-0.00061	1.00	22 22 21	703.30672	703.30686	-0.00014	1.00
38 37 18	716.11687	716.11735	-0.00049	1.00	23 23 21	703.28498	703.28547	-0.00049	1.00
39 38 18	716.43156	716.43097	0.00059	1.00	24 24 21	703.26318	703.26316	0.00002	1.00
40 39 18	716.74357	716.74363	-0.00006	1.00	25 25 21	703.23985	703.23992	-0.00007	1.00
41 40 18	717.05473	717.05534	-0.00061	1.00	26 26 21	703.21517	703.21576	-0.00059	1.00
44 43 18	717.98398	717.98475	-0.00076	1.00	28 28 21	703.16476	703.16468	0.00008	1.00
46 45 18	718.59926	718.59958	-0.00032	1.00	32 32 21	703.05141	703.05149	-0.00008	1.00
48 47 18	719.21055	719.21060	-0.00005	1.00	33 33 21	703.02054	703.02091	-0.00037	1.00
49 48 18	719.51460	719.51469	-0.00008	1.00	34 34 21	702.98958	702.98940	0.00018	1.00
53 52 18	720.72112	720.72150	-0.00039	1.00	35 35 21	702.95746	702.95699	0.00048	1.00
55 54 18	721.31944	721.31921	0.00023	1.00	36 36 21	702.92367	702.92366	0.00001	1.00
56 55 18	721.61689	721.61664	0.00024	1.00	38 38 21	702.85443	702.85428	0.00015	1.00
18 18 18	703.33607	703.33591	0.00016	1.00	39 39 21	702.81791	702.81822	-0.00031	1.00
20 20 18	703.29965	703.29964	0.00001	1.00	40 40 21	702.78088	702.78126	-0.00038	1.00
22 22 18	703.25963	703.25967	-0.00005	1.00	43 43 21	702.66542	702.66495	0.00047	1.00
25 25 18	703.19204	703.19279	-0.00076	1.00	24 25 21	694.50323	694.50277	0.00047	1.00
26 26 18	703.16816	703.16866	-0.00050	1.00	25 26 21	694.12943	694.12939	0.00005	1.00
28 28 18	703.11783	703.11762	0.00020	1.00	27 28 21	693.37993	693.37996	-0.00003	1.00
29 29 18	703.09053	703.09073	-0.00020	1.00	28 29 21	693.00373	693.00392	-0.00019	1.00
30 30 18	703.06316	703.06292	0.00024	1.00	29 30 21	692.62732	692.62699	0.00032	1.00
31 31 18	703.03448	703.03419	0.00029	1.00	31 32 21	691.87059	691.87050	0.00009	1.00
34 34 18	702.94323	702.94251	0.00071	1.00	33 34 21	691.11035	691.11050	-0.00015	0.10
36 36 18	702.87687	702.87683	0.00003	1.00	34 35 21	690.72920	690.72919	0.00000	1.00
37 37 18	702.84215	702.84263	-0.00048	1.00	35 36 21	690.34674	690.34701	-0.00027	1.00
38 38 18	702.80785	702.80751	0.00033	1.00	36 37 21	689.96342	689.96397	-0.00055	1.00
39 39 18	702.77157	702.77149	0.00007	1.00	37 38 21	689.57987	689.58006	-0.00019	1.00
19 20 18	696.30925	696.30875	0.00049	1.00	38 39 21	689.19534	689.19529	0.00005	1.00
21 22 18	695.56993	695.57006	-0.00014	1.00	39 40 21	688.81037	688.80965	0.00072	1.00
23 24 18	694.82797	694.82779	0.00018	1.00	40 41 21	688.42324	688.42316	0.00008	1.00
24 25 18	694.45585	694.45531	0.00054	1.00	41 42 21	688.03597	688.03582	0.00015	1.00
25 26 18	694.08155	694.08194	-0.00039	1.00	42 43 21	687.64855	687.64762	0.00093	0.00
27 28 18	693.33255	693.33254	0.00001	1.00	45 46 21	686.47786	686.47794	-0.00008	1.00
28 29 18	692.95699	692.95651	0.00048	1.00	46 47 21	686.08660	686.08637	0.00023	1.00
29 30 18	692.58010	692.57959	0.00050	1.00	47 48 21	685.69449	685.69395	0.00054	1.00
30 31 18	692.20177	692.20180	-0.00003	1.00	48 49 21	685.30152	685.30070	0.00082	1.00
31 32 18	691.82307	691.82313	-0.00006	1.00	53 54 21	683.32230	683.32200	0.00030	1.00
32 33 18	691.44400	691.44358	0.00042	1.00	25 24 24	712.05383	712.05442	-0.00059	1.00
33 34 18	691.06339	691.06316	0.00023	1.00	26 25 24	712.38031	712.38036	-0.00005	1.00
34 35 18	690.68190	690.68187	0.00003	1.00	27 26 24	712.70511	712.70535	-0.00024	1.00
35 36 18	690.29972	690.29971	0.00001	1.00	29 28 24	713.35309	713.35246	0.00063	1.00
36 37 18	689.91668	689.91668	0.00000	1.00	32 31 24	714.31525	714.31596	-0.00071	1.00
38 39 18	689.14763	689.14804	-0.00040	1.00	35 34 24	715.27098	715.27086	0.00012	1.00
39 40 18	688.76267	688.76243	0.00024	1.00	36 35 24	715.58707	715.58725	-0.00018	1.00
40 41 18	688.37576	688.37596	-0.00019	1.00	38 37 24	716.21740	716.21715	0.00025	1.00
41 42 18	687.98844	687.98864	-0.00020	1.00	40 39 24	716.84341	716.84323	0.00017	1.00
42 43 18	687.60045	687.60046	-0.00001	1.00	41 40 24	717.15476	717.15484	-0.00008	1.00
43 44 18	687.21143	687.21144	-0.00001	1.00	42 41 24	717.46521	717.46549	-0.00028	1.00
44 45 18	686.82128	686.82157	-0.00029	1.00	44 43 24	718.08470	718.08392	0.00077	1.00
45 46 18	686.43168	686.43086	0.00082	1.00	45 44 24	718.39180	718.39171	0.00009	1.00
46 47 18	686.03923	686.03931	-0.00008	1.00	46 45 24	718.69818	718.69854	-0.00036	1.00
47 48 18	685.64677	685.64692	-0.00016	1.00	47 46 24	719.00483	719.00441	0.00042	1.00
48 49 18	685.25346	685.25370	-0.00024	1.00	48 47 24	719.30930	719.30933	-0.00003	1.00
49 50 18	684.85977	684.85964	0.00013	1.00	49 48 24	719.61274	719.61330	-0.00056	1.00
50 51 18	684.46458	684.46476	-0.00018	1.00	50 49 24	719.91590	719.91631	-0.00041	1.00
52 53 18	683.67250	683.67251	-0.00002	1.00	54 53 24	721.11925	721.11883	0.00042	1.00
54 55 18	682.87685	682.87698	-0.00013	1.00	55 54 24	721.41719	721.41708	0.00011	1.00
25 24 21	711.99957	712.00031	-0.00074	1.00	24 24 24	703.31773	703.31764	0.00009	1.00
26 25 21	712.32614	712.32629	-0.00016	1.00	26 26 24	703.27058	703.27020	0.00038	1.00
27 26 21	712.65140	712.65132	0.00008	1.00	27 27 24	703.24526	703.24509	0.00017	1.00
29 28 21	713.29849	713.29852	-0.00002	1.00	28 28 24	703.21921	703.21906	0.00015	1.00
30 29 21	713.62119	713.62069	0.00051	1.00	29 29 24	703.19204	703.19211	-0.00008	1.00

Continued

(I)	(II)	(III)	(IV)	(V)	(I)	(II)	(III)	(IV)	(V)
30 30 24	703.16476	703.16425	0.00051	1.00	47 47 27	702.61278	702.61186	0.00092	0.00
32 32 24	703.10492	703.10576	-0.00084	1.00	48 48 27	702.56799	702.56760	0.00039	1.00
35 35 24	703.01125	703.01115	0.00010	1.00	49 49 27	702.52207	702.52243	-0.00036	1.00
36 36 24	702.97764	702.97779	-0.00014	1.00	32 33 27	691.60764	691.60782	-0.00018	1.00
37 37 24	702.94323	702.94351	-0.00029	1.00	33 34 27	691.22755	691.22735	0.00020	1.00
38 38 24	702.90859	702.90833	0.00026	1.00	34 35 27	690.84686	690.84600	0.00087	1.00
40 40 24	702.83471	702.83523	-0.00053	1.00	39 40 27	688.92649	688.92622	0.00027	1.00
42 42 24	702.75897	702.75851	0.00045	1.00	40 41 27	688.53992	688.53967	0.00024	1.00
44 44 24	702.67910	702.67818	0.00092	0.00	41 42 27	688.15241	688.15227	0.00014	1.00
25 26 24	694.18372	694.18422	-0.00050	1.00	43 44 27	687.37489	687.37491	-0.00001	1.00
27 28 24	693.43431	693.43477	-0.00046	1.00	44 45 27	686.98525	686.98495	0.00030	1.00
29 30 24	692.68266	692.68178	0.00088	1.00	37 36 30	716.03123	716.03162	-0.00039	1.00
30 31 24	692.30423	692.30396	0.00028	1.00	41 40 30	717.28321	717.28327	-0.00006	1.00
31 32 24	691.92488	691.92525	-0.00037	1.00	43 42 30	717.90320	717.90334	-0.00014	1.00
32 33 24	691.54530	691.54567	-0.00038	1.00	44 43 30	718.21164	718.21194	-0.00030	1.00
33 34 24	691.16449	691.16522	-0.00072	1.00	45 44 30	718.51969	718.51958	0.00011	1.00
34 35 24	690.78414	690.78389	0.00025	1.00	48 47 30	719.43613	719.43677	-0.00063	1.00
35 36 24	690.40210	690.40169	0.00041	1.00	49 48 30	719.74042	719.74058	-0.00016	1.00
36 37 24	690.01889	690.01862	0.00026	1.00	50 49 30	720.04320	720.04344	-0.00024	1.00
37 38 24	689.63412	689.63469	-0.00057	1.00	51 50 30	720.34554	720.34534	0.00020	1.00
38 39 24	689.25031	689.24989	0.00041	1.00	52 51 30	720.64609	720.64629	-0.00020	1.00
40 41 24	688.47741	688.47772	-0.00031	1.00	30 30 30	703.29518	703.29502	0.00016	1.00
43 44 24	687.31300	687.31305	-0.00005	1.00	32 32 30	703.23682	703.23638	0.00044	1.00
44 45 24	686.92336	686.92313	0.00024	1.00	33 33 30	703.20599	703.20568	0.00031	1.00
45 46 24	686.53257	686.53236	0.00021	1.00	34 34 30	703.17344	703.17407	-0.00062	1.00
49 50 24	684.96097	684.96089	0.00008	1.00	36 36 30	703.10813	703.10809	0.00005	1.00
53 54 24	683.37629	683.37613	0.00016	1.00	37 37 30	703.07386	703.07372	0.00014	1.00
28 27 27	713.09070	713.09068	0.00003	1.00	38 38 30	703.03859	703.03845	0.00014	1.00
29 28 27	713.41381	713.41371	0.00010	1.00	40 40 30	702.96556	702.96517	0.00039	1.00
31 30 27	714.05695	714.05690	0.00005	1.00	41 41 30	702.92796	702.92716	0.00080	1.00
35 34 27	715.33241	715.33179	0.00062	1.00	44 44 30	702.80785	702.80770	0.00014	1.00
36 35 27	715.64761	715.64812	-0.00051	1.00	45 45 30	702.76631	702.76608	0.00023	1.00
39 38 27	716.59087	716.59137	-0.00050	1.00	46 46 30	702.72339	702.72355	-0.00015	1.00
40 39 27	716.90299	716.90387	-0.00088	1.00	48 48 30	702.63623	702.63579	0.00044	1.00
41 40 27	717.21514	717.21542	-0.00028	1.00	30 31 30	692.43589	692.43580	0.00009	1.00
42 41 27	717.52603	717.52600	0.00003	1.00	31 32 30	692.05746	692.05706	0.00040	1.00
43 42 27	717.83555	717.83563	-0.00008	1.00	35 36 30	690.53286	690.53331	-0.00045	1.00
44 43 27	718.14443	718.14431	0.00013	1.00	42 43 30	687.83293	687.83334	-0.00041	1.00
46 45 27	718.75914	718.75878	0.00036	1.00	43 44 30	687.44413	687.44419	-0.00006	1.00
47 46 27	719.06467	719.06459	0.00008	1.00	44 45 30	687.05524	687.05420	0.00104	0.00
48 47 27	719.36946	719.36944	0.00002	1.00	45 46 30	686.66443	686.66336	0.00107	0.00
50 49 27	719.97588	719.97627	-0.00039	1.00	37 36 33	716.10704	716.10709	-0.00006	1.00
27 27 27	703.30672	703.30687	-0.00016	1.00	38 37 33	716.42136	716.42137	-0.00001	1.00
28 28 27	703.28116	703.28082	0.00035	1.00	41 40 33	717.35842	717.35844	-0.00002	1.00
30 30 27	703.22618	703.22593	0.00025	1.00	43 42 33	717.97889	717.97836	0.00054	1.00
31 31 27	703.19771	703.19711	0.00060	1.00	44 43 33	718.28651	718.28688	-0.00037	1.00
33 33 27	703.13685	703.13671	0.00014	1.00	45 44 33	718.59483	718.59444	0.00040	1.00
34 34 27	703.10492	703.10514	-0.00022	1.00	46 45 33	718.90133	718.90104	0.00029	1.00
36 36 27	703.03859	703.03925	-0.00066	1.00	47 46 33	719.20689	719.20668	0.00021	1.00
38 38 27	702.96955	702.96971	-0.00015	1.00	40 39 36	717.12869	717.12968	-0.00100	0.00
39 39 27	702.93321	702.93357	-0.00036	1.00	42 41 36	717.75129	717.75135	-0.00006	1.00
41 41 27	702.85807	702.85857	-0.00050	1.00	43 42 36	718.06021	718.06074	-0.00052	1.00
44 44 27	702.73901	702.73927	-0.00026	1.00					