

J'	Ka'	Kc'	v'	J''	Ka''	Kc''	v''	frequency [cm-1]	unc. [cm-1]	O.-C. [cm-1]	Ref.
2	2	0	0	2	1	1	0	24.80270	0.00020	0.00009	[1]
5	2	3	0	5	1	4	0	25.05420	0.00020	-0.00015	[1]
4	1	3	0	4	0	4	0	26.10042	0.00020	0.00000	[1]
3	0	3	0	2	1	2	0	28.37790	0.00020	-0.00032	[1]
6	2	4	0	6	1	5	0	29.70054	0.00020	0.00012	[1]
2	1	2	0	1	0	1	0	29.95218	0.00020	-0.00011	[1]
4	1	3	0	3	2	2	0	31.05305	0.00020	0.00015	[1]
2	2	1	0	2	1	2	0	31.60717	0.00020	0.00009	[1]
7	3	4	0	7	2	5	0	34.79779	0.00020	-0.00004	[1]
3	2	2	0	3	1	3	0	35.52770	0.00020	-0.00011	[1]
8	3	5	0	8	2	6	0	35.83265	0.00020	-0.00014	[1]
5	1	4	0	5	0	5	0	35.89911	0.00020	0.00006	[1]
6	3	3	0	6	2	4	0	36.18162	0.00020	0.00000	[1]
7	2	5	0	7	1	6	0	37.21541	0.00020	-0.00015	[1]
3	1	3	0	2	0	2	0	38.62819	0.00020	-0.00003	[1]
5	3	2	0	5	2	3	0	39.01826	0.00020	0.00010	[1]
9	3	6	0	9	2	7	0	39.85558	0.00020	-0.00008	[1]
4	0	4	0	3	1	3	0	40.48027	0.00020	-0.00002	[1]
3	3	0	0	3	2	1	0	44.41111	0.00020	-0.00020	[1]
11	4	7	0	11	3	8	0	46.20579	0.00020	0.00050	[1]
10	4	6	0	10	3	7	0	46.23044	0.00020	-0.00013	[1]
3	3	1	0	3	2	2	0	46.57127	0.00020	-0.00013	[1]
5	1	4	0	4	2	3	0	46.82643	0.00020	-0.00015	[1]
4	1	4	0	3	0	3	0	46.86455	0.00020	0.00002	[1]
10	3	7	0	10	2	8	0	47.01726	0.00020	0.00011	[1]
6	1	5	0	6	0	6	0	47.04303	0.00020	0.00009	[1]
8	2	6	0	8	1	7	0	47.22563	0.00020	-0.00016	[1]
5	2	4	0	5	1	5	0	47.34227	0.00020	-0.00023	[1]
9	4	5	0	9	3	6	0	48.75267	0.00020	-0.00017	[1]
12	4	8	0	12	3	9	0	49.31784	0.00020	0.00011	[1]
5	3	3	0	5	2	4	0	49.94491	0.00020	-0.00005	[1]
2	2	1	0	1	1	0	0	50.99198	0.00020	-0.00009	[1]
5	0	5	0	4	1	4	0	51.72650	0.00020	0.00003	[1]
8	4	4	0	8	3	5	0	52.70508	0.00020	-0.00007	[1]
6	3	4	0	6	2	5	0	53.29501	0.00020	0.00006	[1]
2	2	0	0	1	1	1	0	53.88298	0.00020	-0.00003	[1]
10	4	6	0	9	5	5	0	54.24217	0.00020	-0.00003	[1]
6	2	5	0	6	1	6	0	54.98818	0.00020	0.00015	[1]
5	1	5	0	4	0	4	0	55.25639	0.00020	-0.00009	[1]
7	4	3	0	7	3	4	0	56.82022	0.00020	0.00005	[1]
11	3	8	0	11	2	9	0	56.93608	0.00020	0.00001	[1]
7	3	5	0	7	2	6	0	57.93250	0.00020	-0.00005	[1]
7	1	6	0	7	0	7	0	58.55179	0.00020	-0.00001	[1]
9	2	7	0	9	1	8	0	58.80755	0.00020	0.00017	[1]
7	2	5	0	6	3	4	0	59.87374	0.00020	0.00015	[1]
6	4	2	0	6	3	3	0	60.08505	0.00020	0.00011	[1]
3	2	2	0	2	1	1	0	60.69473	0.00020	0.00008	[1]
12	5	7	0	12	4	8	0	61.37760	0.00020	-0.00007	[1]
6	1	5	0	5	2	4	0	61.97916	0.00020	-0.00004	[1]
5	4	1	0	5	3	2	0	62.11344	0.00020	-0.00001	[1]
6	0	6	0	5	1	5	0	62.27884	0.00020	0.00008	[1]
4	4	0	0	4	3	1	0	63.10466	0.00020	0.00001	[1]
4	4	1	0	4	3	2	0	63.48922	0.00020	0.00023	[1]
7	2	6	0	7	1	7	0	63.49946	0.00020	0.00017	[1]
5	4	2	0	5	3	3	0	63.54141	0.00020	0.00005	[1]

8	3	6	0	8	2	7	0	63.84338	0.00020	0.00017	[1]
6	4	3	0	6	3	4	0	63.89473	0.00020	0.00015	[1]
6	1	6	0	5	0	5	0	64.06730	0.00020	0.00007	[1]
7	4	4	0	7	3	5	0	64.82295	0.00020	0.00006	[1]
11	5	6	0	11	4	7	0	66.27280	0.00020	0.00017	[1]
8	4	5	0	8	3	6	0	66.60955	0.00020	-0.00001	[1]
9	3	6	0	8	4	5	0	68.19907	0.00020	0.00008	[1]
12	3	9	0	12	2	10	0	68.70044	0.00020	0.00000	[1]
4	2	3	0	3	1	2	0	69.13968	0.00020	0.00002	[1]
8	1	7	0	8	0	8	0	69.80436	0.00020	0.00007	[1]
3	2	1	0	2	1	2	0	70.18238	0.00020	0.00014	[1]
10	2	8	0	10	1	9	0	70.88322	0.00020	0.00016	[1]
9	3	7	0	9	2	8	0	70.89948	0.00020	-0.00003	[1]
10	5	5	0	10	4	6	0	71.16029	0.00020	0.00010	[1]
8	2	7	0	8	1	8	0	72.62360	0.00020	0.00022	[1]
7	1	7	0	6	0	6	0	73.24515	0.00020	0.00007	[1]
10	4	7	0	10	3	8	0	73.58553	0.00020	-0.00004	[1]
9	5	4	0	9	4	5	0	75.09850	0.00020	0.00004	[1]
7	1	6	0	6	2	5	0	75.95302	0.00020	0.00003	[1]
5	2	4	0	4	1	3	0	76.49858	0.00020	0.00002	[1]
8	5	3	0	8	4	4	0	77.74887	0.00020	0.00005	[1]
8	2	6	0	7	3	5	0	77.85007	0.00020	-0.00003	[1]
10	3	8	0	10	2	9	0	78.89351	0.00020	0.00025	[1]
11	4	8	0	11	3	9	0	78.92712	0.00020	0.00017	[1]
7	5	2	0	7	4	3	0	79.28408	0.00020	-0.00006	[1]
8	5	4	0	8	4	5	0	79.97684	0.00020	0.00012	[1]
6	5	1	0	6	4	2	0	80.06836	0.00020	0.00022	[1]
7	5	3	0	7	4	4	0	80.10796	0.00020	0.00029	[1]
9	5	5	0	9	4	6	0	80.10796	0.00020	0.00029	[1]
6	5	2	0	6	4	3	0	80.31062	0.00020	0.00006	[1]
5	5	0	0	5	4	1	0	80.41857	0.00020	0.00001	[1]
5	5	1	0	5	4	2	0	80.46990	0.00020	0.00018	[1]
9	1	8	0	9	0	9	0	80.62930	0.00020	0.00005	[1]
10	5	6	0	10	4	7	0	80.74849	0.00020	-0.00005	[1]
9	2	8	0	9	1	9	0	82.13688	0.00020	0.00026	[1]
11	5	7	0	11	4	8	0	82.16589	0.00020	-0.00003	[1]
8	0	8	0	7	1	7	0	82.25220	0.00020	0.00034	[1]
3	3	1	0	2	2	0	0	82.46362	0.00020	0.00018	[1]
8	1	8	0	7	0	7	0	82.64725	0.00020	0.00006	[1]
11	2	9	0	11	1	10	0	82.68325	0.00020	0.00025	[1]
3	3	0	0	2	2	1	0	82.98656	0.00020	0.00009	[1]
6	2	5	0	5	1	4	0	83.15638	0.00020	0.00017	[1]
12	5	8	0	12	4	9	0	84.58365	0.00020	0.00001	[1]
12	4	9	0	12	3	10	0	85.41655	0.00020	0.00018	[1]
11	3	9	0	11	2	10	0	87.58214	0.00020	0.00008	[1]
10	3	7	0	9	4	6	0	88.11822	0.00020	-0.00003	[1]
8	1	7	0	7	2	6	0	88.55682	0.00020	-0.00005	[1]
4	2	2	0	3	1	3	0	89.67162	0.00020	0.00015	[1]
7	2	6	0	6	1	5	0	89.70151	0.00020	0.00008	[1]
12	6	6	0	12	5	7	0	89.73313	0.00020	0.00014	[1]
10	1	9	0	10	0	10	0	91.09680	0.00020	0.00015	[1]
10	2	9	0	10	1	10	0	91.86934	0.00020	0.00001	[1]
9	0	9	0	8	1	8	0	91.98281	0.00020	-0.00006	[1]
9	1	9	0	8	0	8	0	92.16165	0.00020	0.00003	[1]
11	6	5	0	11	5	6	0	92.76326	0.00020	-0.00033	[1]
4	3	2	0	3	2	1	0	93.63486	0.00020	0.00014	[1]

12	4	8	0	11	5	7	0	93.79642	0.00020	0.00000	[1]
12	2	10	0	12	1	11	0	93.91315	0.00020	-0.00003	[1]
10	6	4	0	10	5	5	0	94.66951	0.00020	0.00020	[1]
9	2	7	0	8	3	6	0	94.95292	0.00020	0.00002	[1]
9	6	4	0	9	5	5	0	96.21955	0.00020	0.00030	[1]
4	3	1	0	3	2	2	0	96.24255	0.00020	0.00008	[1]
8	6	2	0	8	5	3	0	96.38503	0.00020	-0.00017	[1]
8	6	3	0	8	5	4	0	96.52169	0.00020	0.00017	[1]
7	6	1	0	7	5	2	0	96.68746	0.00020	-0.00013	[1]
8	2	7	0	7	1	6	0	96.71923	0.00020	0.00046	[1]
6	6	0	0	6	5	1	0	96.80883	0.00020	0.00012	[1]
9	1	8	0	8	2	7	0	99.98859	0.00020	-0.00014	[1]
10	0	10	0	9	1	9	0	101.64313	0.00020	-0.00006	[1]
11	2	10	0	11	1	11	0	101.70819	0.00020	0.00000	[1]
5	3	3	0	4	2	2	0	103.35240	0.00020	-0.00036	[1]
9	2	8	0	8	1	7	0	104.49393	0.00020	-0.00001	[1]
10	2	8	0	9	3	7	0	110.58676	0.00020	-0.00002	[1]
10	2	8	0	9	3	7	0	110.58680	0.00020	0.00002	[2]
10	1	9	0	9	2	8	0	110.60320	0.00020	-0.00002	[2]
10	1	9	0	9	2	8	0	110.60339	0.00020	0.00017	[1]
5	3	2	0	4	2	3	0	110.89907	0.00020	-0.00002	[2]
5	3	2	0	4	2	3	0	110.89917	0.00020	0.00008	[1]
11	0	11	0	10	1	10	0	111.26199	0.00020	-0.00009	[1]
11	0	11	0	10	1	10	0	111.26205	0.00020	-0.00003	[2]
11	1	11	0	10	0	10	0	111.29755	0.00020	-0.00001	[1]
11	1	11	0	10	0	10	0	111.29764	0.00020	0.00008	[2]
6	3	4	0	5	2	3	0	111.39661	0.00020	0.00032	[2]
12	1	11	0	12	0	12	0	111.39661	0.00020	0.00032	[2]
6	3	4	0	5	2	3	0	111.39682	0.00020	0.00001	[1]
10	7	3	0	10	6	4	0	112.01726	0.00020	-0.00006	[1]
10	7	3	0	10	6	4	0	112.01729	0.00020	-0.00003	[2]
9	7	2	0	9	6	3	0	112.24913	0.00020	-0.00003	[2]
9	7	3	0	9	6	4	0	112.26827	0.00020	-0.00023	[2]
7	7	0	0	7	6	1	0	112.31998	0.00020	-0.00015	[1]
7	7	1	0	7	6	2	0	112.31998	0.00020	-0.00015	[1]
7	7	0	0	7	6	1	0	112.32006	0.00020	0.00034	[2]
7	7	1	0	7	6	2	0	112.32058	0.00020	0.00024	[2]
8	7	1	0	8	6	2	0	112.33385	0.00020	-0.00005	[2]
8	7	1	0	8	6	2	0	112.33390	0.00020	0.00000	[1]
8	7	2	0	8	6	3	0	112.33811	0.00020	0.00009	[2]
5	2	3	0	4	1	4	0	112.67989	0.00020	0.00001	[1]
5	2	3	0	4	1	4	0	112.67990	0.00020	0.00002	[2]
4	4	1	0	3	3	0	0	112.71221	0.00020	-0.00019	[1]
4	4	1	0	3	3	0	0	112.71239	0.00020	-0.00001	[2]
4	4	0	0	3	3	1	0	112.77573	0.00020	0.00001	[1]
4	4	0	0	3	3	1	0	112.77576	0.00020	0.00004	[2]
6	3	3	0	6	0	6	0	112.92510	0.00020	0.00012	[2]
10	2	9	0	9	1	8	0	112.96315	0.00020	0.00001	[2]
10	2	9	0	9	1	8	0	112.96324	0.00020	0.00010	[1]
7	3	5	0	6	2	4	0	117.93351	0.00020	-0.00006	[2]
7	3	5	0	6	2	4	0	117.93369	0.00020	0.00012	[1]
11	1	10	0	10	2	9	0	120.71526	0.00020	-0.00017	[1]
11	1	10	0	10	2	9	0	120.71536	0.00020	-0.00007	[2]
12	0	12	0	11	1	11	0	120.85230	0.00020	-0.00013	[2]
12	0	12	0	11	1	11	0	120.85248	0.00020	0.00005	[1]
12	1	12	0	11	0	11	0	120.86818	0.00020	0.00000	[2]

12	1	12	0	11	0	11	0	120.86825	0.00020	0.00007	[1]
13	1	12	0	13	0	13	0	121.36942	0.00020	-0.00024	[2]
13	2	12	0	13	1	13	0	121.46123	0.00020	-0.00034	[2]
8	3	6	0	7	2	5	0	123.34633	0.00020	-0.00009	[1]
8	3	6	0	7	2	5	0	123.34641	0.00020	-0.00001	[2]
11	2	9	0	10	3	8	0	124.50502	0.00020	-0.00014	[1]
11	2	9	0	10	3	8	0	124.50504	0.00020	-0.00012	[2]
5	4	2	0	4	3	1	0	124.79528	0.00020	-0.00004	[2]
5	4	2	0	4	3	1	0	124.79534	0.00020	0.00002	[1]
5	4	1	0	4	3	2	0	125.23754	0.00020	0.00026	[2]
5	4	1	0	4	3	2	0	125.23765	0.00020	0.00037	[1]
6	4	2	0	6	1	5	0	125.96746	0.00020	0.00048	[2]
12	3	9	0	11	4	8	0	126.64449	0.00020	-0.00012	[2]
8	8	0	0	8	7	1	0	126.90712	0.00020	-0.00003	[2]
8	8	1	0	8	7	2	0	126.90712	0.00020	-0.00003	[2]
9	8	1	0	9	7	2	0	127.03926	0.00020	-0.00012	[2]
9	8	2	0	9	7	3	0	127.03926	0.00020	-0.00012	[2]
10	8	2	0	10	7	3	0	127.10774	0.00020	-0.00036	[2]
6	3	3	0	5	2	4	0	127.86126	0.00020	0.00002	[2]
6	3	3	0	5	2	4	0	127.86139	0.00020	0.00015	[1]
9	3	7	0	8	2	6	0	128.16759	0.00020	-0.00007	[1]
9	3	7	0	8	2	6	0	128.16770	0.00020	0.00004	[2]
7	4	3	0	7	1	6	0	128.83351	0.00020	-0.00005	[2]
13	0	13	0	12	1	12	0	130.41926	0.00020	-0.00001	[2]
13	1	13	0	12	0	12	0	130.42627	0.00020	-0.00001	[2]
12	1	11	0	11	2	10	0	130.53998	0.00020	-0.00001	[2]
12	1	11	0	11	2	10	0	130.54016	0.00020	0.00017	[1]
12	2	11	0	11	1	10	0	131.13035	0.00020	-0.00004	[2]
12	2	11	0	11	1	10	0	131.13050	0.00020	0.00011	[1]
10	3	8	0	9	2	7	0	133.04901	0.00020	-0.00001	[2]
10	3	8	0	9	2	7	0	133.04907	0.00020	0.00005	[1]
4	3	2	0	3	0	3	0	135.43881	0.00020	0.00007	[2]
8	4	4	0	8	1	7	0	135.76381	0.00020	0.00008	[2]
6	4	3	0	5	3	2	0	136.27313	0.00020	-0.00011	[1]
6	4	3	0	5	3	2	0	136.27318	0.00020	-0.00006	[2]
12	2	10	0	11	3	9	0	136.87107	0.00020	-0.00004	[1]
12	2	10	0	11	3	9	0	136.87107	0.00020	-0.00004	[2]
6	4	2	0	5	3	3	0	138.00126	0.00020	0.00004	[2]
6	4	2	0	5	3	3	0	138.00127	0.00020	0.00005	[1]
11	3	9	0	10	2	8	0	138.60808	0.00020	-0.00002	[1]
11	3	9	0	10	2	8	0	138.60815	0.00020	0.00005	[2]
6	2	4	0	5	1	5	0	139.02206	0.00020	-0.00006	[1]
6	2	4	0	5	1	5	0	139.02210	0.00020	-0.00002	[2]
14	0	14	0	13	1	13	0	139.96399	0.00020	-0.00001	[2]
14	1	14	0	13	0	13	0	139.96708	0.00020	-0.00006	[2]
13	1	12	0	12	2	11	0	140.20399	0.00020	-0.00005	[2]
13	2	12	0	12	1	11	0	140.49207	0.00020	-0.00002	[2]
5	5	1	0	4	4	0	0	142.16032	0.00020	-0.00007	[2]
5	5	1	0	4	4	0	0	142.16052	0.00020	0.00013	[1]
5	5	0	0	4	4	1	0	142.16676	0.00020	-0.00009	[1]
5	5	0	0	4	4	1	0	142.16682	0.00020	-0.00003	[2]
13	3	10	0	12	4	9	0	143.83844	0.00020	-0.00011	[2]
12	3	10	0	11	2	9	0	145.18205	0.00020	-0.00003	[1]
12	3	10	0	11	2	9	0	145.18214	0.00020	0.00006	[2]
7	4	4	0	6	3	3	0	146.57485	0.00020	0.00001	[2]
7	4	4	0	6	3	3	0	146.57492	0.00020	0.00008	[1]

7	3	4	0	6	2	5	0	147.96640	0.00020	0.00002	[2]
7	3	4	0	6	2	5	0	147.96643	0.00020	0.00005	[1]
13	2	11	0	12	3	10	0	148.07178	0.00020	-0.00001	[2]
15	0	15	0	14	1	14	0	149.48733	0.00020	-0.00001	[2]
15	1	15	0	14	0	14	0	149.48733	0.00020	-0.00001	[2]
14	1	13	0	13	2	12	0	149.77645	0.00020	-0.00003	[2]
14	2	13	0	13	1	12	0	149.91598	0.00020	-0.00001	[2]
7	4	3	0	6	3	4	0	151.49159	0.00020	-0.00001	[2]
7	4	3	0	6	3	4	0	151.49213	0.00020	0.00053	[1]
5	3	3	0	4	0	4	0	152.54396	0.00020	0.00002	[2]
13	3	11	0	12	2	10	0	152.74022	0.00020	0.00003	[2]
6	5	2	0	5	4	1	0	154.47030	0.00020	-0.00005	[2]
6	5	2	0	5	4	1	0	154.47058	0.00020	0.00023	[1]
6	5	1	0	5	4	2	0	154.52797	0.00020	-0.00003	[2]
6	5	1	0	5	4	2	0	154.52814	0.00020	0.00014	[1]
8	4	5	0	7	3	4	0	155.15815	0.00020	-0.00001	[2]
8	4	5	0	7	3	4	0	155.15820	0.00020	0.00004	[1]
14	2	12	0	13	3	11	0	158.50105	0.00020	-0.00004	[2]
16	0	16	0	15	1	15	0	158.98576	0.00020	0.00003	[2]
16	1	16	0	15	0	15	0	158.98576	0.00020	0.00003	[2]
14	3	11	0	13	4	10	0	159.10429	0.00020	-0.00009	[2]
15	1	14	0	14	2	13	0	159.29224	0.00020	-0.00009	[2]
15	2	14	0	14	1	13	0	159.35970	0.00020	-0.00001	[2]
14	3	12	0	13	2	11	0	161.03734	0.00020	-0.00001	[2]
9	4	6	0	8	3	5	0	161.82050	0.00020	-0.00006	[2]
9	4	6	0	8	3	5	0	161.82073	0.00020	0.00017	[1]
10	4	6	0	10	1	9	0	164.13087	0.00020	0.00009	[2]
8	4	4	0	7	3	5	0	166.38804	0.00020	-0.00001	[2]
8	4	4	0	7	3	5	0	166.38822	0.00020	0.00017	[1]
7	5	3	0	6	4	2	0	166.59858	0.00020	-0.00005	[2]
7	5	3	0	6	4	2	0	166.59880	0.00020	0.00017	[1]
10	4	7	0	9	3	6	0	166.77889	0.00020	-0.00004	[2]
10	4	7	0	9	3	6	0	166.77913	0.00020	0.00020	[1]
7	5	2	0	6	4	3	0	166.88112	0.00020	-0.00003	[2]
7	5	2	0	6	4	3	0	166.88129	0.00020	0.00014	[1]
7	2	5	0	6	1	6	0	168.15655	0.00020	-0.00003	[2]
7	2	5	0	6	1	6	0	168.15713	0.00020	0.00055	[1]
17	0	17	0	16	1	16	0	168.46032	0.00020	0.00002	[2]
17	1	17	0	16	0	16	0	168.46032	0.00020	0.00002	[2]
16	1	15	0	15	2	14	0	168.76824	0.00020	-0.00002	[2]
16	2	15	0	15	1	14	0	168.80068	0.00020	-0.00016	[2]
15	3	13	0	14	2	12	0	169.80527	0.00020	-0.00010	[2]
11	4	8	0	10	3	7	0	170.51782	0.00020	-0.00007	[2]
11	4	8	0	10	3	7	0	170.51823	0.00020	0.00034	[1]
6	6	0	0	5	5	1	0	170.86665	0.00020	-0.00014	[2]
6	6	1	0	5	5	0	0	170.86665	0.00020	-0.00014	[2]
6	6	0	0	5	5	1	0	170.86696	0.00020	0.00017	[1]
6	6	1	0	5	5	0	0	170.86696	0.00020	0.00017	[1]
8	3	5	0	7	2	6	0	171.61537	0.00020	-0.00008	[2]
8	3	5	0	7	2	6	0	171.61544	0.00020	-0.00001	[1]
6	3	4	0	5	0	5	0	172.35027	0.00020	0.00005	[2]
12	4	9	0	11	3	8	0	173.66242	0.00020	0.00003	[2]
13	4	10	0	12	3	9	0	176.91572	0.00020	0.00003	[2]
18	0	18	0	17	1	17	0	177.90886	0.00020	-0.00004	[2]
18	1	18	0	17	0	17	0	177.90886	0.00020	-0.00004	[2]
16	2	14	0	15	3	13	0	178.13498	0.00020	-0.00004	[2]

17	1	16	0	16	2	15	0	178.21152	0.00020	-0.00005	[2]
17	2	16	0	16	1	15	0	178.22746	0.00020	0.00008	[2]
8	5	4	0	7	4	3	0	178.31465	0.00020	-0.00005	[2]
8	5	4	0	7	4	3	0	178.31491	0.00020	0.00021	[1]
16	3	14	0	15	2	13	0	178.84157	0.00020	0.00009	[2]
8	5	3	0	7	4	4	0	179.31393	0.00020	-0.00005	[2]
8	5	3	0	7	4	4	0	179.31418	0.00020	0.00020	[1]
14	4	11	0	13	3	10	0	180.93755	0.00020	0.00012	[2]
7	6	2	0	6	5	1	0	183.25156	0.00020	-0.00007	[2]
7	6	2	0	6	5	1	0	183.25198	0.00020	0.00035	[1]
7	6	1	0	6	5	2	0	183.25813	0.00020	-0.00006	[2]
7	6	1	0	6	5	2	0	183.25849	0.00020	0.00031	[1]
9	4	5	0	8	3	6	0	183.56143	0.00020	0.00003	[2]
9	4	5	0	8	3	6	0	183.56156	0.00020	0.00016	[1]
19	0	19	0	18	1	18	0	187.33019	0.00020	-0.00005	[2]
19	1	19	0	18	0	18	0	187.33019	0.00020	-0.00005	[2]
18	1	17	0	17	2	16	0	187.62501	0.00020	0.00010	[2]
17	3	15	0	16	2	14	0	188.01583	0.00020	-0.00018	[2]
9	5	5	0	8	4	4	0	189.22195	0.00020	-0.00007	[2]
9	5	5	0	8	4	4	0	189.22209	0.00020	0.00007	[1]
5	4	2	0	4	1	3	0	189.98483	0.00020	-0.00005	[2]
9	5	4	0	8	4	5	0	192.05022	0.00020	-0.00007	[2]
9	5	4	0	8	4	5	0	192.05058	0.00020	0.00029	[1]
7	3	5	0	6	0	6	0	194.67693	0.00020	0.00000	[2]
8	6	3	0	7	5	2	0	195.55203	0.00020	-0.00006	[2]
8	6	3	0	7	5	2	0	195.55216	0.00020	0.00007	[1]
8	6	2	0	7	5	3	0	195.59037	0.00020	-0.00008	[2]
8	6	2	0	7	5	3	0	195.59066	0.00020	0.00021	[1]
9	3	6	0	8	2	7	0	198.65173	0.00020	-0.00003	[1]
9	3	6	0	8	2	7	0	198.65179	0.00020	0.00003	[2]
7	7	0	0	6	6	1	0	198.76320	0.00020	-0.00007	[2]
7	7	1	0	6	6	0	0	198.76320	0.00020	-0.00007	[2]
7	7	0	0	6	6	1	0	198.76334	0.00020	0.00007	[1]
7	7	1	0	6	6	0	0	198.76334	0.00020	0.00007	[1]
10	5	6	0	9	4	5	0	198.77459	0.00020	-0.00003	[2]
10	5	6	0	9	4	5	0	198.77471	0.00020	0.00009	[1]
8	2	6	0	7	1	7	0	199.28122	0.00020	-0.00073	[1]
8	2	6	0	7	1	7	0	199.28167	0.00020	-0.00028	[2]
6	4	3	0	5	1	4	0	200.34580	0.00020	0.00005	[2]
10	4	6	0	9	3	7	0	203.83450	0.00020	0.00000	[2]
10	4	6	0	9	3	7	0	203.83453	0.00020	0.00003	[1]
10	5	5	0	9	4	6	0	205.50897	0.00020	-0.00003	[2]
10	5	5	0	9	4	6	0	205.50915	0.00020	0.00015	[1]
11	5	7	0	10	4	6	0	206.45318	0.00020	-0.00006	[2]
9	6	4	0	8	5	3	0	207.69237	0.00020	-0.00007	[2]
9	6	4	0	8	5	3	0	207.69270	0.00020	0.00026	[1]
9	6	3	0	8	5	4	0	207.85269	0.00020	-0.00007	[2]
9	6	3	0	8	5	4	0	207.85281	0.00020	0.00005	[1]
8	7	1	0	7	6	2	0	211.20292	0.00020	-0.00006	[2]
8	7	2	0	7	6	1	0	211.20292	0.00020	-0.00006	[2]
8	7	1	0	7	6	2	0	211.20327	0.00020	0.00006	[1]
12	5	8	0	11	4	7	0	212.04069	0.00020	-0.00004	[2]
7	4	4	0	6	1	5	0	212.45692	0.00020	0.00004	[2]
13	5	9	0	12	4	8	0	215.74383	0.00020	-0.00008	[2]
8	3	6	0	7	0	7	0	219.11378	0.00020	0.00000	[2]
10	6	5	0	9	5	4	0	219.53756	0.00020	-0.00006	[2]

10	6	5	0	9	5	4	0	219.53758	0.00020	-0.00004	[1]
10	6	4	0	9	5	5	0	220.07165	0.00020	-0.00005	[2]
10	6	4	0	9	5	5	0	220.07166	0.00020	-0.00004	[1]
11	5	6	0	10	4	7	0	220.33358	0.00020	-0.00001	[2]
9	7	3	0	8	6	2	0	223.57568	0.00020	-0.00006	[2]
9	7	2	0	8	6	3	0	223.58036	0.00020	-0.00004	[2]
8	8	0	0	7	7	1	0	225.78996	0.00020	-0.00004	[2]
8	8	1	0	7	7	0	0	225.78996	0.00020	-0.00004	[2]
8	4	5	0	7	1	6	0	227.17157	0.00020	0.00002	[2]
11	4	7	0	10	3	8	0	227.64652	0.00020	-0.00001	[2]
10	3	7	0	9	2	8	0	228.50338	0.00020	-0.00006	[2]
11	6	6	0	10	5	5	0	230.84890	0.00020	-0.00007	[2]
9	2	7	0	8	1	8	0	231.41943	0.00020	-0.00006	[2]
11	6	5	0	10	5	6	0	232.34857	0.00020	-0.00007	[2]
10	7	4	0	9	6	3	0	235.84736	0.00020	-0.00005	[2]
10	7	3	0	9	6	4	0	235.86970	0.00020	-0.00008	[2]
12	5	7	0	11	4	8	0	237.34002	0.00020	0.00001	[2]
9	8	1	0	8	7	2	0	238.28133	0.00020	-0.00009	[2]
9	8	2	0	8	7	1	0	238.28133	0.00020	-0.00009	[2]
12	6	7	0	11	5	6	0	241.24345	0.00020	-0.00005	[2]
9	4	6	0	8	1	7	0	244.87914	0.00020	0.00001	[2]
12	6	6	0	11	5	7	0	244.90703	0.00020	-0.00005	[2]
9	3	7	0	8	0	8	0	245.19773	0.00020	-0.00001	[2]
11	7	5	0	10	6	4	0	247.96676	0.00020	-0.00011	[2]
11	7	4	0	10	6	5	0	248.05167	0.00020	-0.00008	[2]
13	6	8	0	12	5	7	0	250.20834	0.00020	-0.00009	[2]
10	8	2	0	9	7	3	0	250.70911	0.00020	-0.00009	[2]
10	8	3	0	9	7	2	0	250.70911	0.00020	-0.00009	[2]
9	9	0	0	8	8	1	0	251.90765	0.00020	-0.00008	[2]
9	9	1	0	8	8	0	0	251.90765	0.00020	-0.00008	[2]
12	4	8	0	11	3	9	0	254.88925	0.00020	-0.00004	[2]
13	5	8	0	12	4	9	0	257.32497	0.00020	0.00000	[2]
13	6	7	0	12	5	8	0	258.13938	0.00020	-0.00002	[2]
12	7	6	0	11	6	5	0	259.85320	0.00020	-0.00006	[2]
12	7	5	0	11	6	6	0	260.12391	0.00020	-0.00006	[2]
11	3	8	0	10	2	9	0	260.33439	0.00020	-0.00011	[2]
7	5	3	0	6	2	4	0	262.86521	0.00020	0.00002	[2]
11	8	4	0	10	7	3	0	263.04795	0.00020	-0.00006	[2]
11	8	3	0	10	7	4	0	263.05077	0.00020	-0.00009	[2]
10	2	8	0	9	1	9	0	263.62284	0.00020	-0.00006	[2]
10	9	1	0	9	8	2	0	264.45115	0.00020	-0.00007	[2]
10	9	2	0	9	8	1	0	264.45115	0.00020	-0.00007	[2]
10	4	7	0	9	1	8	0	265.44195	0.00020	-0.00001	[2]
8	5	4	0	7	2	5	0	269.93260	0.00020	-0.00011	[2]
13	7	7	0	12	6	6	0	271.36982	0.00020	-0.00007	[2]
13	7	6	0	12	6	7	0	272.12145	0.00020	-0.00006	[2]
10	3	8	0	9	0	9	0	272.48566	0.00020	0.00001	[2]
14	6	8	0	13	5	9	0	272.63154	0.00020	0.00003	[2]
12	8	5	0	11	7	4	0	275.27028	0.00020	-0.00008	[2]
12	8	4	0	11	7	5	0	275.28310	0.00020	0.00065	[2]
11	9	2	0	10	8	3	0	276.92781	0.00020	-0.00008	[2]
11	9	3	0	10	8	2	0	276.92781	0.00020	-0.00008	[2]
10	10	0	0	9	9	1	0	277.09792	0.00020	-0.00007	[2]
10	10	1	0	9	9	0	0	277.09792	0.00020	-0.00007	[2]
9	5	5	0	8	2	6	0	277.75997	0.00020	0.00001	[2]
14	5	9	0	13	4	10	0	280.77371	0.00020	-0.00005	[2]

14	7	8	0	13	6	7	0	282.28845	0.00020	-0.00023	[2]
14	7	7	0	13	6	8	0	284.14677	0.00020	-0.00008	[2]
13	4	9	0	12	3	10	0	285.00651	0.00020	-0.00006	[2]
13	8	6	0	12	7	5	0	287.33973	0.00020	-0.00009	[2]
10	5	6	0	9	2	7	0	287.38281	0.00020	-0.00009	[2]
13	8	5	0	12	7	6	0	287.38281	0.00020	-0.00009	[2]
11	4	8	0	10	1	9	0	288.41809	0.00020	-0.00002	[2]
12	9	3	0	11	8	4	0	289.31798	0.00020	-0.00009	[2]
12	9	4	0	11	8	3	0	289.31798	0.00020	-0.00009	[2]
11	10	1	0	10	9	2	0	289.69298	0.00020	-0.00010	[2]
11	10	2	0	10	9	1	0	289.69298	0.00020	-0.00010	[2]
15	7	9	0	14	6	8	0	292.25769	0.00020	-0.00008	[2]
12	3	9	0	11	2	10	0	293.15355	0.00020	-0.00007	[2]
11	2	9	0	10	1	10	0	295.26770	0.00020	-0.00006	[2]
14	8	7	0	13	7	6	0	299.20541	0.00020	-0.00011	[2]
14	8	6	0	13	7	7	0	299.33728	0.00020	-0.00011	[2]
11	5	7	0	10	2	8	0	299.70089	0.00020	-0.00007	[2]
11	3	9	0	10	0	10	0	300.58776	0.00020	-0.00005	[2]
11	11	0	0	10	10	1	0	301.35869	0.00020	-0.00011	[2]
11	11	1	0	10	10	0	0	301.35869	0.00020	-0.00011	[2]
13	9	4	0	12	8	5	0	301.60004	0.00020	-0.00069	[2]
13	9	5	0	12	8	4	0	301.60004	0.00020	-0.00069	[2]
12	10	2	0	11	9	3	0	302.21562	0.00020	-0.00014	[2]
12	10	3	0	11	9	2	0	302.21562	0.00020	-0.00014	[2]
12	4	9	0	11	1	10	0	313.28146	0.00020	0.00000	[2]
12	11	1	0	11	10	2	0	314.00403	0.00020	-0.00017	[2]
12	11	2	0	11	10	1	0	314.00403	0.00020	-0.00017	[2]
13	10	3	0	12	9	4	0	314.64870	0.00020	-0.00014	[2]
13	10	4	0	12	9	3	0	314.64870	0.00020	-0.00014	[2]
12	5	8	0	11	2	9	0	315.18206	0.00020	-0.00004	[2]
16	8	9	0	15	7	8	0	321.9611	0.0005	-0.0005	[3]
17	7	11	1	16	6	10	1	321.9966	0.0015	-0.0003	[3]
20	6	14	0	20	3	17	0	322.6946	0.0010	-0.0002	[3]
16	8	8	0	15	7	9	0	322.8571	0.0005	0.0001	[3]
17	7	10	0	16	6	11	0	323.1886	0.0015	-0.0008	[3]
14	4	10	1	13	3	11	1	323.2373	0.0005	-0.0001	[3]
15	8	8	1	14	7	7	1	324.2281	0.0010	-0.0001	[3]
15	8	7	1	14	7	8	1	324.4822	0.0010	-0.0002	[3]
12	12	0	0	11	11	1	0	324.7001	0.0010	-0.0007	[3]
15	9	7	0	14	8	6	0	325.7428	0.0010	-0.0008	[3]
15	9	6	0	14	8	7	0	325.7634	0.0010	-0.0010	[3]
13	3	10	0	12	2	11	0	325.98940	0.00020	-0.00021	[2]
12	2	10	0	11	1	11	0	326.16133	0.00020	-0.00003	[2]
25	8	17	0	25	5	20	0	326.4376	0.0005	0.0007	[3]
13	11	2	0	12	10	3	0	326.56949	0.00020	-0.00022	[2]
13	11	3	0	12	10	2	0	326.56949	0.00020	-0.00022	[2]
14	10	4	0	13	9	5	0	326.97461	0.00020	-0.00018	[2]
14	10	5	0	13	9	4	0	326.97461	0.00020	-0.00018	[2]
23	7	17	1	22	6	16	1	327.3076	0.0010	-0.0016	[3]
18	7	12	1	17	6	11	1	327.3503	0.0005	0.0003	[3]
14	9	5	1	13	8	6	1	327.6014	0.0010	-0.0010	[3]
12	4	9	1	11	1	10	1	327.8751	0.0010	-0.0001	[3]
12	11	1	1	11	10	2	1	328.1090	0.0010	0.0001	[3]
13	10	4	1	12	9	3	1	328.7308	0.0010	0.0008	[3]
22	7	16	1	21	6	15	1	329.1680	0.0005	-0.0001	[3]
12	3	10	0	11	0	11	0	329.18766	0.00020	-0.00011	[2]

19	7	13	1	18	6	12	1	330.4290	0.0005	0.0004	[3]
21	7	15	1	20	6	14	1	330.7731	0.0005	0.0002	[3]
17	6	11	0	16	5	12	0	330.9434	0.0010	0.0002	[3]
20	7	14	1	19	6	13	1	331.4109	0.0005	0.0007	[3]
26	10	16	0	26	7	19	0	332.1131	0.0008	-0.0005	[3]
17	8	10	0	16	7	9	0	332.5200	0.0005	0.0003	[3]
20	6	14	1	20	3	17	1	333.0699	0.0005	0.0007	[3]
12	5	8	1	11	2	9	1	333.7174	0.0005	-0.0002	[3]
13	5	9	0	12	2	10	0	333.76206	0.00020	-0.00002	[2]
18	5	13	0	18	2	16	0	333.8239	0.0005	-0.0008	[3]
19	9	10	0	19	6	13	0	334.1380	0.0005	-0.0003	[3]
17	7	10	1	16	6	11	1	334.2843	0.0005	0.0000	[3]
17	8	9	0	16	7	10	0	334.5531	0.0005	0.0003	[3]
16	8	9	1	15	7	8	1	335.5645	0.0010	0.0001	[3]
13	3	10	1	12	2	11	1	335.9445	0.0005	0.0002	[3]
16	8	8	1	15	7	9	1	336.1972	0.0010	0.0002	[3]
17	6	11	1	16	5	12	1	337.2395	0.0005	0.0001	[3]
13	12	2	0	12	11	1	0	337.3946	0.0010	0.0001	[3]
16	5	11	0	15	4	12	0	337.5192	0.0005	0.0001	[3]
16	9	8	0	15	8	7	0	337.5440	0.0005	-0.0001	[3]
16	9	7	0	15	8	8	0	337.6064	0.0005	0.0001	[3]
12	12	0	1	11	11	1	1	338.7368	0.0010	0.0004	[3]
18	7	11	0	17	6	12	0	338.8798	0.0005	-0.0004	[3]
14	11	3	0	13	10	4	0	339.0402	0.0010	0.0002	[3]
15	10	6	0	14	9	5	0	339.1754	0.0010	0.0004	[3]
13	4	10	0	12	1	11	0	339.52933	0.00020	0.00002	[2]
15	9	7	1	14	8	6	1	339.6627	0.0005	-0.0001	[3]
15	9	6	1	14	8	7	1	339.6765	0.0005	-0.0002	[3]
23	7	16	0	23	4	19	0	339.6938	0.0010	-0.0032	[3]
12	2	10	1	11	1	11	1	340.2715	0.0005	0.0002	[3]
25	10	15	0	25	7	18	0	340.4553	0.0005	-0.0038	[3]
13	11	3	1	12	10	2	1	340.7550	0.0005	-0.0001	[3]
14	10	4	1	13	9	5	1	341.1283	0.0005	-0.0004	[3]
18	8	11	0	17	7	10	0	342.1549	0.0005	0.0000	[3]
16	5	11	1	15	4	12	1	342.1959	0.0005	0.0003	[3]
18	7	12	0	18	4	15	0	345.0516	0.0005	0.0000	[3]
18	9	9	0	18	6	12	0	345.5571	0.0005	-0.0004	[3]
10	5	5	0	9	2	8	0	345.89421	0.00020	0.00001	[2]
17	8	10	1	16	7	9	1	346.3867	0.0005	0.0003	[3]
18	8	10	0	17	7	11	0	346.4168	0.0005	0.0000	[3]
13	13	1	0	12	12	0	0	347.1420	0.0005	-0.0021	[3]
17	8	9	1	16	7	10	1	347.8312	0.0005	0.0001	[3]
11	6	6	0	10	3	7	0	348.23973	0.00020	0.00001	[2]
18	7	11	1	17	6	12	1	348.8968	0.0005	-0.0001	[3]
17	9	9	0	16	8	8	0	349.1051	0.0005	0.0001	[3]
17	9	8	0	16	8	9	0	349.2729	0.0005	0.0001	[3]
14	12	2	0	13	11	3	0	349.9977	0.0020	-0.0015	[3]
15	4	11	0	14	3	12	0	350.3822	0.0005	0.0001	[3]
19	8	12	0	18	7	11	0	350.4546	0.0005	0.0001	[3]
16	10	7	0	15	9	6	0	351.2296	0.0005	-0.0010	[3]
16	10	6	0	15	9	7	0	351.2339	0.0005	0.0003	[3]
13	5	9	1	12	2	10	1	351.3439	0.0005	0.0000	[3]
15	11	5	0	14	10	4	0	351.3998	0.0005	0.0001	[3]
13	12	2	1	12	11	1	1	351.5178	0.0005	0.0007	[3]
16	9	8	1	15	8	7	1	351.5404	0.0005	0.0001	[3]
16	9	7	1	15	8	8	1	351.5817	0.0005	0.0000	[3]

14	11	3	1	13	10	4	1	353.3028	0.0005	0.0001	[3]
15	10	6	1	14	9	5	1	353.3992	0.0005	0.0000	[3]
12	6	7	0	11	3	8	0	353.7209	0.0005	-0.0005	[3]
13	4	10	1	12	1	11	1	354.6310	0.0005	-0.0008	[3]
14	5	10	0	13	2	11	0	355.0144	0.0005	-0.0005	[3]
19	8	12	0	19	5	15	0	356.3421	0.0005	0.0001	[3]
13	2	11	0	12	1	12	0	356.3912	0.0005	-0.0002	[3]
18	8	11	1	17	7	10	1	356.4537	0.0005	0.0004	[3]
18	6	12	0	17	5	13	0	356.9039	0.0005	0.0001	[3]
20	8	13	0	19	7	12	0	356.9644	0.0005	0.0002	[3]
19	7	12	0	18	6	13	0	357.0290	0.0005	0.0001	[3]
15	4	11	1	14	3	12	1	357.4985	0.0005	0.0001	[3]
13	3	11	0	12	0	12	0	358.04911	0.00020	-0.00002	[2]
14	3	11	0	13	2	12	0	358.14152	0.00020	-0.00008	[2]
26	8	19	0	25	7	18	0	358.2179	0.0005	-0.0021	[3]
17	7	11	1	17	4	14	1	358.7068	0.0010	0.0001	[3]
19	8	11	0	18	7	12	0	358.7428	0.0005	-0.0004	[3]
18	8	10	1	17	7	11	1	359.5084	0.0005	-0.0001	[3]
14	13	1	0	13	12	2	0	359.8831	0.0005	-0.0001	[3]
25	8	18	0	24	7	17	0	360.3281	0.0005	-0.0009	[3]
18	9	10	0	17	8	9	0	360.3548	0.0005	-0.0002	[3]
18	9	9	0	17	8	10	0	360.7687	0.0005	-0.0009	[3]
13	6	8	0	12	3	9	0	360.9035	0.0005	-0.0003	[3]
13	13	1	1	12	12	0	1	361.0679	0.0005	0.0009	[3]
21	8	14	0	20	7	13	0	361.3321	0.0005	0.0000	[3]
18	6	12	1	17	5	13	1	361.6960	0.0005	0.0003	[3]
19	7	13	0	19	4	16	0	362.2009	0.0005	-0.0005	[3]
24	8	17	0	23	7	16	0	362.3745	0.0005	-0.0004	[3]
15	12	4	0	14	11	3	0	362.5012	0.0005	0.0000	[3]
17	10	8	0	16	9	7	0	363.1206	0.0005	0.0000	[3]
17	10	7	0	16	9	8	0	363.1305	0.0005	0.0001	[3]
17	9	9	1	16	8	8	1	363.1915	0.0005	-0.0001	[3]
17	9	8	1	16	8	9	1	363.3034	0.0005	-0.0001	[3]
22	8	15	0	21	7	14	0	363.4745	0.0005	-0.0002	[3]
16	11	5	0	15	10	6	0	363.6335	0.0005	-0.0001	[3]
23	8	16	0	22	7	15	0	363.6469	0.0005	-0.0002	[3]
14	12	2	1	13	11	3	1	364.2051	0.0005	0.0004	[3]
19	8	12	1	18	7	11	1	365.4260	0.0005	0.0008	[3]
19	7	12	1	18	6	13	1	365.5171	0.0005	-0.0002	[3]
16	10	6	1	15	9	7	1	365.5239	0.0005	-0.0013	[3]
15	11	5	1	14	10	4	1	365.7357	0.0005	-0.0003	[3]
14	4	11	0	13	1	12	0	366.7228	0.0005	-0.0002	[3]
20	8	13	0	20	5	16	0	367.0596	0.0005	0.0002	[3]
10	5	5	1	9	2	8	1	368.6136	0.0005	-0.0001	[3]
14	14	0	0	13	13	1	0	368.7148	0.0005	-0.0002	[3]
17	5	12	0	16	4	13	0	369.5464	0.0005	0.0020	[3]
14	3	11	1	13	2	12	1	370.1140	0.0005	0.0000	[3]
24	7	17	0	24	4	20	0	370.7174	0.0015	-0.0015	[3]
14	6	9	0	13	3	10	0	370.7258	0.0015	-0.0004	[3]
19	9	11	0	18	8	10	0	371.1807	0.0005	-0.0016	[3]
19	8	11	1	18	7	12	1	371.4422	0.0005	-0.0003	[3]
14	5	10	1	13	2	11	1	371.9393	0.0005	0.0002	[3]
20	8	12	0	19	7	13	0	371.9608	0.0005	-0.0001	[3]
19	9	10	0	18	8	11	0	372.1306	0.0005	-0.0002	[3]
13	2	11	1	12	1	12	1	372.4191	0.0005	0.0000	[3]
15	13	3	0	14	12	2	0	372.5229	0.0005	-0.0002	[3]

20	8	13	1	19	7	12	1	372.8823	0.0005	0.0008	[3]
14	13	1	1	13	12	2	1	373.8961	0.0005	0.0008	[3]
17	5	12	1	16	4	13	1	374.2004	0.0005	-0.0003	[3]
18	9	10	1	17	8	9	1	374.5614	0.0005	0.0003	[3]
18	10	9	0	17	9	8	0	374.8204	0.0005	-0.0004	[3]
18	9	9	1	17	8	10	1	374.8380	0.0005	-0.0002	[3]
18	10	8	0	17	9	9	0	374.8488	0.0005	-0.0006	[3]
16	12	4	0	15	11	5	0	374.8866	0.0005	-0.0001	[3]
13	3	11	1	12	0	12	1	374.9860	0.0005	-0.0002	[3]
17	11	7	0	16	10	6	0	375.7258	0.0005	0.0000	[3]
22	10	12	0	22	7	15	0	375.8488	0.0005	-0.0008	[3]
15	12	4	1	14	11	3	1	376.7846	0.0005	-0.0002	[3]
17	10	8	1	16	9	7	1	377.4800	0.0005	-0.0006	[3]
17	10	7	1	16	9	8	1	377.4866	0.0005	-0.0003	[3]
16	11	5	1	15	10	6	1	378.0378	0.0005	-0.0017	[3]
20	7	13	0	19	6	14	0	378.2100	0.0005	-0.0002	[3]
19	9	11	0	19	6	14	0	378.2944	0.0020	-0.0004	[3]
15	5	11	0	14	2	12	0	378.3858	0.0005	0.0000	[3]
21	8	14	1	20	7	13	1	378.4038	0.0005	0.0008	[3]
25	8	18	1	24	7	17	1	379.8494	0.0005	-0.0030	[3]
12	6	7	1	11	3	8	1	380.9666	0.0005	-0.0007	[3]
20	9	12	0	19	8	11	0	381.4127	0.0005	-0.0008	[3]
15	14	2	0	14	13	1	0	381.4957	0.0005	-0.0005	[3]
22	8	15	1	21	7	14	1	381.7153	0.0005	0.0010	[3]
24	8	17	1	23	7	16	1	382.0175	0.0005	0.0004	[3]
14	14	0	1	13	13	1	1	382.4246	0.0005	0.0006	[3]
14	4	11	1	13	1	12	1	382.5602	0.0005	-0.0004	[3]
23	8	16	1	22	7	15	1	382.8174	0.0005	0.0009	[3]
20	9	11	0	19	8	12	0	383.4351	0.0005	-0.0006	[3]
16	4	12	0	15	3	13	0	383.6748	0.0005	-0.0007	[3]
15	6	10	0	14	3	11	0	383.7507	0.0005	0.0003	[3]
20	8	12	1	19	7	13	1	383.9571	0.0005	-0.0012	[3]
20	7	13	1	19	6	14	1	384.7970	0.0005	-0.0008	[3]
16	13	3	0	15	12	4	0	385.0509	0.0005	-0.0002	[3]
19	9	11	1	18	8	10	1	385.5651	0.0005	0.0000	[3]
19	6	13	0	18	5	14	0	385.9120	0.0005	-0.0003	[3]
14	2	12	0	13	1	13	0	386.12394	0.00020	0.00000	[2]
19	9	10	1	18	8	11	1	386.2011	0.0005	-0.0003	[3]
21	9	13	0	21	6	16	0	386.2632	0.0005	-0.0004	[3]
19	10	10	0	18	9	9	0	386.3004	0.0005	-0.0007	[3]
19	10	9	0	18	9	10	0	386.3765	0.0005	-0.0004	[3]
15	13	3	1	14	12	2	1	386.6194	0.0005	0.0004	[3]
21	8	13	0	20	7	14	0	386.6280	0.0005	-0.0003	[3]
13	6	8	1	12	3	9	1	386.8609	0.0005	-0.0004	[3]
17	12	6	0	16	11	5	0	387.1422	0.0005	-0.0003	[3]
18	11	7	0	17	10	8	0	387.6619	0.0005	-0.0003	[3]
22	6	16	0	22	3	19	0	388.1539	0.0005	-0.0003	[3]
19	8	12	1	19	5	15	1	388.4261	0.0005	0.0014	[3]
16	12	4	1	15	11	5	1	389.2431	0.0005	-0.0003	[3]
18	10	9	1	17	9	8	1	389.2492	0.0005	-0.0004	[3]
18	10	8	1	17	9	9	1	389.2673	0.0005	-0.0005	[3]
15	3	12	0	14	2	13	0	389.3237	0.0005	-0.0002	[3]
15	15	1	0	14	14	0	0	389.4439	0.0005	-0.0003	[3]
19	6	13	1	18	5	14	1	389.5029	0.0005	0.0002	[3]
17	11	7	1	16	10	6	1	390.1969	0.0005	-0.0006	[3]
21	9	13	0	20	8	12	0	390.7912	0.0005	0.0000	[3]

16	4	12	1	15	3	13	1	392.3582	0.0005	-0.0002	[3]
19	6	14	0	19	3	17	0	394.0055	0.0005	-0.0003	[3]
16	14	2	0	15	13	3	0	394.1666	0.0005	0.0000	[3]
15	4	12	0	14	1	13	0	394.5039	0.0005	0.0002	[3]
21	9	12	0	20	8	13	0	394.8311	0.0005	0.0000	[3]
15	5	11	1	14	2	12	1	394.9834	0.0005	-0.0006	[3]
14	6	9	1	13	3	10	1	395.0643	0.0005	0.0001	[3]
15	14	2	1	14	13	1	1	395.2969	0.0005	0.0013	[3]
20	9	12	1	19	8	11	1	396.0764	0.0005	0.0006	[3]
20	9	11	1	19	8	12	1	397.4400	0.0005	-0.0002	[3]
17	13	5	0	16	12	4	0	397.4551	0.0005	0.0001	[3]
21	8	13	1	20	7	14	1	397.5029	0.0005	-0.0004	[3]
20	10	11	0	19	9	10	0	397.5201	0.0005	0.0001	[3]
20	10	10	0	19	9	11	0	397.7058	0.0005	-0.0002	[3]
20	10	10	0	20	7	13	0	397.7907	0.0005	0.0001	[3]
22	9	14	0	21	8	13	0	398.9676	0.0005	0.0004	[3]
16	13	3	1	15	12	4	1	399.2253	0.0005	0.0005	[3]
18	12	6	0	17	11	7	0	399.2551	0.0005	-0.0002	[3]
19	11	9	0	18	10	8	0	399.4232	0.0005	0.0012	[3]
16	6	11	0	15	3	12	0	400.0269	0.0005	0.0002	[3]
20	5	15	0	20	2	18	0	400.1685	0.0005	0.0002	[3]
19	10	10	1	18	9	9	1	400.8045	0.0005	0.0001	[3]
19	10	9	1	18	9	10	1	400.8523	0.0005	-0.0002	[3]
17	12	6	1	16	11	5	1	401.5662	0.0005	-0.0006	[3]
23	9	15	0	23	6	18	0	401.9557	0.0005	0.0005	[3]
18	11	7	1	17	10	8	1	402.1952	0.0005	-0.0004	[3]
16	15	1	0	15	14	2	0	402.2635	0.0005	0.0000	[3]
21	7	14	0	20	6	15	0	402.6688	0.0005	-0.0002	[3]
18	5	13	0	17	4	14	0	402.7978	0.0005	0.0001	[3]
15	15	1	1	14	14	0	1	402.8620	0.0005	0.0014	[3]
16	5	12	0	15	2	13	0	403.3303	0.0005	0.0005	[3]
22	8	14	0	21	7	15	0	403.3773	0.0005	-0.0005	[3]
14	2	12	1	13	1	13	1	403.9783	0.0005	-0.0002	[3]
23	9	15	0	22	8	14	0	405.5337	0.0005	0.0000	[3]
21	9	13	1	20	8	12	1	405.9026	0.0005	0.0007	[3]
12	6	6	0	11	3	9	0	406.0002	0.0005	0.0003	[3]
15	6	10	1	14	3	11	1	406.3238	0.0005	0.0001	[3]
22	9	13	0	21	8	14	0	406.5531	0.0005	0.0000	[3]
17	14	4	0	16	13	3	0	406.7148	0.0005	0.0000	[3]
21	7	14	1	20	6	15	1	407.2084	0.0005	-0.0002	[3]
18	5	13	1	17	4	14	1	408.0430	0.0005	0.0009	[3]
16	14	2	1	15	13	3	1	408.0504	0.0005	0.0007	[3]
21	10	12	0	20	9	11	0	408.4164	0.0005	-0.0003	[3]
21	9	12	1	20	8	13	1	408.6493	0.0005	-0.0007	[3]
21	10	11	0	20	9	12	0	408.8425	0.0005	0.0000	[3]
16	16	0	0	15	15	1	0	409.3634	0.0005	-0.0015	[3]
18	13	5	0	17	12	6	0	409.7228	0.0005	-0.0001	[3]
24	9	16	0	23	8	15	0	410.1177	0.0005	0.0002	[3]
20	11	10	0	19	10	9	0	410.9920	0.0005	0.0003	[3]
20	11	9	0	19	10	10	0	411.0047	0.0005	0.0002	[3]
19	12	8	0	18	11	7	0	411.2118	0.0005	-0.0004	[3]
15	4	12	1	14	1	13	1	411.2666	0.0005	0.0004	[3]
17	13	5	1	16	12	4	1	411.7002	0.0005	0.0003	[3]
20	10	11	1	19	9	10	1	412.1123	0.0005	0.0003	[3]
20	10	10	1	19	9	11	1	412.2302	0.0005	-0.0001	[3]
23	8	16	0	23	5	19	0	412.4352	0.0005	-0.0004	[3]

25	9	17	0	24	8	16	0	412.5183	0.0005	0.0004	[3]
22	8	14	1	21	7	15	1	412.6298	0.0005	-0.0011	[3]
26	9	18	0	25	8	17	0	412.8155	0.0005	0.0000	[3]
18	12	6	1	17	11	7	1	413.7415	0.0005	-0.0005	[3]
19	11	9	1	18	10	8	1	414.0163	0.0005	0.0009	[3]
22	9	14	1	21	8	13	1	414.7732	0.0005	0.0006	[3]
17	15	3	0	16	14	2	0	414.9598	0.0005	0.0003	[3]
15	2	13	0	14	1	14	0	415.4998	0.0005	0.0000	[3]
16	15	1	1	15	14	2	1	415.7717	0.0005	0.0012	[3]
15	3	13	0	14	0	14	0	415.9650	0.0005	-0.0003	[3]
17	4	13	0	16	3	14	0	416.2673	0.0005	-0.0009	[3]
21	10	12	0	21	7	15	0	416.8985	0.0005	-0.0001	[3]
20	6	14	0	19	5	15	0	417.2792	0.0005	0.0002	[3]
19	10	10	0	19	7	13	0	417.6947	0.0005	0.0000	[3]
22	10	13	0	21	9	12	0	418.8994	0.0005	0.0004	[3]
23	9	14	0	22	8	15	0	418.9457	0.0005	-0.0001	[3]
18	14	4	0	17	13	5	0	419.1293	0.0005	-0.0004	[3]
17	6	12	0	16	3	13	0	419.1984	0.0005	0.0001	[3]
16	3	13	0	15	2	14	0	419.5800	0.0005	0.0001	[3]
23	10	14	0	23	7	17	0	419.7104	0.0005	-0.0002	[3]
22	10	12	0	21	9	13	0	419.8144	0.0005	-0.0001	[3]
16	5	12	1	15	2	13	1	419.9200	0.0005	-0.0002	[3]
22	9	13	1	21	8	14	1	419.9902	0.0005	-0.0028	[3]
20	6	14	1	19	5	15	1	420.1853	0.0005	0.0007	[3]
17	14	4	1	16	13	3	1	420.6747	0.0015	0.0006	[3]
16	6	11	1	15	3	12	1	420.9344	0.0005	-0.0001	[3]
19	13	7	0	18	12	6	0	421.8431	0.0005	-0.0006	[3]
17	16	2	0	16	15	1	0	422.2181	0.0005	0.0002	[3]
23	9	15	1	22	8	14	1	422.3406	0.0005	0.0016	[3]
21	11	11	0	20	10	10	0	422.3493	0.0005	0.0001	[3]
21	11	10	0	20	10	11	0	422.3828	0.0005	0.0002	[3]
16	16	0	1	15	15	1	1	422.4283	0.0005	0.0001	[3]
13	7	7	0	12	4	8	0	422.4803	0.0005	-0.0002	[3]
16	4	13	0	15	1	14	0	422.5962	0.0005	-0.0002	[3]
23	8	15	0	22	7	16	0	422.7948	0.0005	0.0005	[3]
20	12	8	0	19	11	9	0	423.0008	0.0005	-0.0002	[3]
21	10	12	1	20	9	11	1	423.1281	0.0005	0.0013	[3]
21	10	11	1	20	9	12	1	423.3978	0.0005	-0.0005	[3]
18	13	5	1	17	12	6	1	424.0322	0.0005	-0.0003	[3]
11	7	4	0	10	4	7	0	424.6625	0.0015	0.0008	[3]
14	7	8	0	13	4	9	0	425.4221	0.0005	0.0006	[3]
20	11	10	1	19	10	9	1	425.6435	0.0005	0.0004	[3]
20	11	9	1	19	10	10	1	425.6505	0.0005	-0.0004	[3]
19	12	8	1	18	11	7	1	425.7560	0.0005	0.0001	[3]
12	5	7	1	11	2	10	1	425.8820	0.0005	0.0004	[3]
25	9	17	0	25	6	20	0	426.0056	0.0005	0.0025	[3]
17	4	13	1	16	3	14	1	426.9100	0.0005	-0.0006	[3]
18	15	3	0	17	14	4	0	427.5216	0.0005	0.0000	[3]
24	9	16	1	23	8	15	1	428.2168	0.0005	0.0022	[3]
25	10	16	0	25	7	19	0	428.3441	0.0020	0.0031	[3]
17	17	1	0	16	16	0	0	428.5104	0.0005	-0.0008	[3]
17	15	3	1	16	14	2	1	428.5495	0.0005	0.0006	[3]
15	7	9	0	14	4	10	0	428.7462	0.0005	-0.0002	[3]
23	10	14	0	22	9	13	0	428.8273	0.0005	0.0002	[3]
17	5	13	0	16	2	14	0	429.3681	0.0005	0.0003	[3]
23	8	15	1	22	7	16	1	429.9365	0.0005	-0.0015	[3]

22	7	15	0	21	6	16	0	430.2289	0.0005	0.0004	[3]
23	10	13	0	22	9	14	0	430.6845	0.0005	-0.0001	[3]
19	14	6	0	18	13	5	0	431.4009	0.0005	0.0000	[3]
23	9	14	1	22	8	15	1	431.7192	0.0005	0.0030	[3]
25	9	17	1	24	8	16	1	432.0685	0.0005	0.0025	[3]
24	9	15	0	23	8	16	0	432.4634	0.0005	-0.0010	[3]
22	7	15	1	21	6	16	1	432.8796	0.0005	0.0000	[3]
12	6	6	1	11	3	9	1	433.0962	0.0005	-0.0004	[3]
18	14	4	1	17	13	5	1	433.1574	0.0005	0.0000	[3]
22	11	12	0	21	10	11	0	433.4686	0.0005	-0.0005	[3]
16	7	10	0	15	4	11	0	433.5315	0.0005	0.0000	[3]
22	11	11	0	21	10	12	0	433.5504	0.0005	0.0001	[3]
22	10	13	1	21	9	12	1	433.7835	0.0005	0.0010	[3]
20	13	7	0	19	12	8	0	433.8060	0.0005	-0.0003	[3]
22	10	12	1	21	9	13	1	434.3669	0.0005	-0.0012	[3]
21	12	10	0	20	11	9	0	434.6069	0.0005	0.0003	[3]
18	16	2	0	17	15	3	0	434.9338	0.0005	-0.0002	[3]
15	2	13	1	14	1	14	1	435.1118	0.0005	0.0003	[3]
17	16	2	1	16	15	1	1	435.3713	0.0005	0.0002	[3]
16	3	13	1	15	2	14	1	435.6158	0.0005	-0.0006	[3]
15	3	13	1	14	0	14	1	435.8956	0.0005	-0.0013	[3]
19	13	7	1	18	12	6	1	436.2110	0.0005	0.0000	[3]
19	5	14	0	18	4	15	0	436.3055	0.0005	0.0001	[3]
21	11	11	1	20	10	10	1	437.0600	0.0005	0.0002	[3]
21	11	10	1	20	10	11	1	437.0798	0.0005	-0.0004	[3]
20	12	8	1	19	11	9	1	437.5963	0.0005	-0.0004	[3]
12	7	5	0	11	4	8	0	437.8470	0.0005	0.0012	[3]
24	10	15	0	23	9	14	0	437.9966	0.0005	0.0004	[3]
17	6	12	1	16	3	13	1	438.7287	0.0005	-0.0003	[3]
13	5	8	0	12	2	11	0	439.4766	0.0005	0.0006	[3]
19	15	5	0	18	14	4	0	439.9403	0.0005	0.0001	[3]
16	4	13	1	15	1	14	1	440.4331	0.0005	0.0002	[3]
18	6	13	0	17	3	14	0	440.7211	0.0005	-0.0001	[3]
17	7	11	0	16	4	12	0	440.7477	0.0005	0.0000	[3]
17	17	1	1	16	16	0	1	441.1748	0.0005	-0.0009	[3]
18	15	3	1	17	14	4	1	441.1847	0.0005	0.0000	[3]
18	17	1	0	17	16	2	0	441.3933	0.0005	0.0000	[3]
24	10	14	0	23	9	15	0	441.5653	0.0005	-0.0006	[3]
19	5	14	1	18	4	15	1	442.7665	0.0005	0.0004	[3]
20	14	6	0	19	13	7	0	443.5183	0.0005	-0.0003	[3]
23	10	14	1	22	9	13	1	443.9827	0.0005	0.0023	[3]
24	9	15	1	23	8	16	1	444.1637	0.0005	0.0000	[3]
23	11	13	0	22	10	12	0	444.3175	0.0005	0.0005	[3]
23	11	12	0	22	10	13	0	444.5017	0.0005	-0.0007	[3]
16	2	14	0	15	1	15	0	444.6127	0.0010	0.0002	[3]
16	3	14	0	15	0	15	0	444.8556	0.0005	0.0007	[3]
23	10	13	1	22	9	14	1	445.1714	0.0005	-0.0032	[3]
24	8	16	0	23	7	17	0	445.2493	0.0005	0.0003	[3]
19	14	6	1	18	13	5	1	445.4888	0.0005	-0.0002	[3]
21	13	9	0	20	12	8	0	445.5998	0.0005	-0.0002	[3]
22	12	11	0	21	11	10	0	446.0173	0.0005	-0.0003	[3]
22	12	10	0	21	11	11	0	446.0232	0.0005	0.0000	[3]
25	10	16	0	24	9	15	0	446.1268	0.0005	0.0011	[3]
17	5	13	1	16	2	14	1	446.2331	0.0005	-0.0004	[3]
18	18	0	0	17	17	1	0	446.9164	0.0005	-0.0013	[3]
19	16	4	0	18	15	3	0	447.5040	0.0005	0.0003	[3]

25	9	16	0	24	8	17	0	447.6521	0.0005	0.0018	[3]
18	4	14	0	17	3	15	0	447.7541	0.0005	0.0004	[3]
23	7	17	0	23	4	20	0	447.9636	0.0005	0.0007	[3]
18	16	2	1	17	15	3	1	448.1675	0.0005	0.0002	[3]
20	13	7	1	19	12	8	1	448.2257	0.0010	0.0009	[3]
22	11	12	1	21	10	11	1	448.2454	0.0005	0.0008	[3]
22	11	11	1	21	10	12	1	448.2935	0.0005	-0.0006	[3]
17	3	14	0	16	2	15	0	449.0900	0.0005	0.0004	[3]
21	12	10	1	20	11	9	1	449.2511	0.0005	0.0006	[3]
24	8	16	1	23	7	17	1	449.9501	0.0005	0.0012	[3]
21	6	15	0	20	5	16	0	450.1291	0.0005	-0.0002	[3]
17	4	14	0	16	1	15	0	450.8042	0.0005	0.0006	[3]
18	7	12	0	17	4	13	0	451.0587	0.0005	0.0004	[3]
25	8	18	0	25	5	21	0	451.6883	0.0025	-0.0116	[3]
13	7	6	0	12	4	9	0	452.1806	0.0008	0.0000	[3]
20	15	5	0	19	14	6	0	452.2060	0.0005	-0.0001	[3]
25	10	15	0	24	9	16	0	452.6380	0.0005	-0.0011	[3]
26	10	17	0	25	9	16	0	452.8687	0.0005	-0.0005	[3]
21	6	15	1	20	5	16	1	453.0015	0.0005	0.0007	[3]
24	10	15	1	23	9	14	1	453.5715	0.0005	-0.0035	[3]
14	6	8	0	13	3	11	0	453.6542	0.0005	0.0008	[3]
19	15	5	1	18	14	4	1	453.6675	0.0005	-0.0003	[3]
19	17	3	0	18	16	2	0	454.1245	0.0005	0.0008	[3]
18	17	1	1	17	16	2	1	454.1450	0.0005	-0.0010	[3]
13	6	7	1	12	3	10	1	454.6178	0.0005	-0.0002	[3]
24	11	14	0	23	10	13	0	454.8441	0.0005	0.0002	[3]
24	11	13	0	23	10	14	0	455.2426	0.0005	-0.0008	[3]
21	14	8	0	20	13	7	0	455.4732	0.0005	-0.0003	[3]
18	5	14	0	17	2	15	0	456.1037	0.0005	0.0002	[3]
13	7	7	1	12	4	8	1	456.5923	0.0005	0.0004	[3]
22	13	9	0	21	12	10	0	457.2153	0.0005	0.0004	[3]
23	12	12	0	22	11	11	0	457.2192	0.0005	0.0007	[3]
23	12	11	0	22	11	12	0	457.2331	0.0005	0.0002	[3]
20	14	6	1	19	13	7	1	457.6594	0.0005	0.0002	[3]
25	9	16	1	24	8	17	1	457.7760	0.0005	0.0007	[3]
14	7	8	1	13	4	9	1	459.1047	0.0005	0.0011	[3]
18	18	0	1	17	17	1	1	459.1472	0.0005	-0.0020	[3]
23	11	13	1	22	10	12	1	459.1725	0.0005	0.0014	[3]
18	6	13	1	17	3	14	1	459.2480	0.0005	0.0003	[3]
23	11	12	1	22	10	13	1	459.2828	0.0005	-0.0013	[3]
19	18	2	0	18	17	1	0	459.8244	0.0005	0.0006	[3]
20	16	4	0	19	15	5	0	459.9194	0.0005	0.0008	[3]
21	13	9	1	20	12	8	1	460.0639	0.0005	0.0005	[3]
23	7	16	0	22	6	17	0	460.3524	0.0005	0.0007	[3]
18	4	14	1	17	3	15	1	460.5226	0.0005	-0.0001	[3]
22	12	10	1	21	11	11	1	460.7089	0.0005	-0.0006	[3]
19	16	4	1	18	15	3	1	460.8067	0.0005	-0.0004	[3]
15	7	9	1	14	4	10	1	461.4788	0.0005	0.0010	[3]
23	7	16	1	22	6	17	1	461.5557	0.0005	0.0008	[3]
25	10	16	1	24	9	15	1	462.3613	0.0005	0.0006	[3]
19	6	14	0	18	3	15	0	464.0290	0.0005	0.0001	[3]
26	10	16	0	25	9	17	0	464.1644	0.0005	-0.0037	[3]
21	15	7	0	20	14	6	0	464.3110	0.0005	0.0003	[3]
19	19	1	0	18	18	0	0	464.6178	0.0005	-0.0003	[3]
19	7	13	0	18	4	14	0	464.6654	0.0005	-0.0004	[3]
16	7	10	1	15	4	11	1	464.7668	0.0005	0.0003	[3]

25	11	15	0	24	10	14	0	464.9782	0.0005	0.0008	[3]
26	9	17	0	25	8	18	0	465.0602	0.0005	0.0008	[3]
25	11	14	0	24	10	15	0	465.7934	0.0005	-0.0011	[3]
16	2	14	1	15	1	15	1	465.9387	0.0005	-0.0004	[3]
20	15	5	1	19	14	6	1	465.9887	0.0005	-0.0003	[3]
16	3	14	1	15	0	15	1	466.3658	0.0007	0.0004	[3]
20	17	3	0	19	16	4	0	466.6954	0.0005	0.0009	[3]
19	17	3	1	18	16	2	1	466.9529	0.0005	-0.0006	[3]
17	3	14	1	16	2	15	1	466.9622	0.0005	0.0000	[3]
22	14	8	0	21	13	9	0	467.2568	0.0005	0.0002	[3]
14	7	7	0	13	4	10	0	468.1351	0.0005	0.0001	[3]
24	12	13	0	23	11	12	0	468.1933	0.0005	0.0006	[3]
24	12	12	0	23	11	13	0	468.2262	0.0005	-0.0012	[3]
23	13	11	0	22	12	10	0	468.6403	0.0005	0.0006	[3]
20	5	15	0	19	4	16	0	469.2285	0.0005	-0.0003	[3]
21	14	8	1	20	13	7	1	469.6556	0.0005	-0.0031	[3]
11	8	4	0	10	5	5	0	469.7343	0.0010	-0.0003	[3]
24	11	14	1	23	10	13	1	469.8067	0.0005	0.0033	[3]
17	4	14	1	16	1	15	1	469.8236	0.0005	0.0000	[3]
17	7	11	1	16	4	12	1	469.9934	0.0005	-0.0001	[3]
24	11	13	1	23	10	14	1	470.0431	0.0005	-0.0043	[3]
25	8	17	0	24	7	18	0	470.7701	0.0005	0.0002	[3]
22	13	9	1	21	12	10	1	471.7151	0.0005	-0.0021	[3]
23	12	12	1	22	11	11	1	471.9522	0.0005	0.0019	[3]
23	12	11	1	22	11	12	1	471.9579	0.0005	-0.0009	[3]
19	18	2	1	18	17	1	1	472.1406	0.0005	-0.0006	[3]
21	16	6	0	20	15	5	0	472.1726	0.0005	0.0019	[3]
20	18	2	0	19	17	3	0	472.5638	0.0005	0.0011	[3]
20	16	4	1	19	15	5	1	473.2808	0.0005	-0.0008	[3]
18	5	14	1	17	2	15	1	473.4839	0.0005	0.0011	[3]
17	2	15	0	16	1	16	0	473.5173	0.0005	-0.0001	[3]
17	3	15	0	16	0	16	0	473.6428	0.0005	-0.0002	[3]
26	11	16	0	25	10	15	0	474.6118	0.0005	0.0019	[3]
26	11	15	0	25	10	16	0	476.2004	0.0005	-0.0014	[3]
22	15	7	0	21	14	8	0	476.2460	0.0005	-0.0002	[3]
19	19	1	1	18	18	0	1	476.3912	0.0005	-0.0008	[3]
20	5	15	1	19	4	16	1	477.4455	0.0005	0.0003	[3]
20	19	1	0	19	18	2	0	477.5438	0.0005	0.0007	[3]
18	7	12	1	17	4	13	1	477.9977	0.0005	0.0005	[3]
18	3	15	0	17	2	16	0	478.0348	0.0005	0.0003	[3]
19	4	15	0	18	3	16	0	478.0841	0.0005	0.0000	[3]
21	15	7	1	20	14	6	1	478.1398	0.0005	-0.0002	[3]
23	14	10	0	22	13	9	0	478.8591	0.0005	-0.0004	[3]
25	12	14	0	24	11	13	0	478.9202	0.0005	0.0007	[3]
18	4	15	0	17	1	16	0	478.9929	0.0005	-0.0001	[3]
25	12	13	0	24	11	14	0	478.9970	0.0005	-0.0011	[3]
21	17	5	0	20	16	4	0	479.0986	0.0005	0.0004	[3]
14	6	8	1	13	3	11	1	479.3138	0.0005	-0.0009	[3]
20	17	3	1	19	16	4	1	479.5890	0.0005	-0.0006	[3]
14	5	9	0	13	2	12	0	479.8109	0.0005	-0.0001	[3]
24	13	11	0	23	12	12	0	479.8649	0.0005	-0.0024	[3]
25	11	15	1	24	10	14	1	480.1054	0.0030	0.0142	[3]
20	7	14	0	19	4	15	0	481.3410	0.0010	0.0003	[3]
22	14	8	1	21	13	9	1	481.4804	0.0005	0.0012	[3]
20	20	0	0	19	19	1	0	481.6450	0.0005	-0.0001	[3]
19	6	14	1	18	3	15	1	481.9307	0.0005	0.0000	[3]

12	8	4	0	11	5	7	0	482.6260	0.0005	0.0004	[3]
24	12	13	1	23	11	12	1	482.9716	0.0005	0.0031	[3]
24	12	12	1	23	11	13	1	482.9855	0.0005	-0.0033	[3]
15	6	9	0	14	3	12	0	483.1050	0.0005	0.0003	[3]
23	13	11	1	22	12	10	1	483.1782	0.0005	0.0022	[3]
19	5	15	0	18	2	16	0	483.2258	0.0005	-0.0001	[3]
22	6	16	0	21	5	17	0	483.5262	0.0005	-0.0002	[3]
22	16	6	0	21	15	7	0	484.2528	0.0005	0.0000	[3]
20	18	2	1	19	17	3	1	484.9527	0.0005	-0.0006	[3]
21	18	4	0	20	17	3	0	485.1283	0.0005	0.0006	[3]
21	16	6	1	20	15	5	1	485.5819	0.0005	-0.0012	[3]
15	7	8	0	14	4	11	0	486.1949	0.0005	-0.0008	[3]
22	6	16	1	21	5	17	1	487.0749	0.0005	0.0001	[3]
13	8	6	0	12	5	7	0	487.8468	0.0005	0.0012	[3]
23	15	9	0	22	14	8	0	488.0050	0.0005	0.0000	[3]
20	6	15	0	19	3	16	0	488.6099	0.0005	-0.0006	[3]
19	7	13	1	18	4	14	1	489.2524	0.0005	0.0004	[3]
26	12	15	0	25	11	14	0	489.3733	0.0005	0.0016	[3]
20	19	1	1	19	18	2	1	489.3999	0.0005	-0.0004	[3]
26	12	14	0	25	11	15	0	489.5395	0.0005	-0.0015	[3]
22	15	7	1	21	14	8	1	490.1129	0.0005	-0.0002	[3]
24	14	10	0	23	13	11	0	490.2731	0.0005	-0.0009	[3]
21	19	3	0	20	18	2	0	490.2849	0.0005	0.0006	[3]
25	13	13	0	24	12	12	0	490.8809	0.0005	0.0014	[3]
22	17	5	0	21	16	6	0	491.3284	0.0005	0.0002	[3]
21	17	5	1	20	16	4	1	492.0471	0.0005	0.0000	[3]
24	7	17	0	23	6	18	0	492.2750	0.0005	0.0000	[3]
24	7	17	1	23	6	18	1	492.6704	0.0005	0.0013	[3]
19	4	15	1	18	3	16	1	492.9287	0.0005	-0.0002	[3]
20	20	0	1	19	19	1	1	492.9459	0.0005	0.0006	[3]
23	14	10	1	22	13	9	1	493.1161	0.0005	0.0037	[3]
14	8	7	0	13	5	8	0	494.0603	0.0005	-0.0008	[3]
13	8	5	0	12	5	8	0	494.2318	0.0005	0.0004	[3]
24	13	12	1	23	12	11	1	494.4286	0.0005	-0.0020	[3]
21	20	2	0	20	19	1	0	494.5843	0.0005	0.0003	[3]
23	16	8	0	22	15	7	0	496.1580	0.0005	0.0000	[3]
17	3	15	1	16	0	16	1	496.7693	0.0005	-0.0001	[3]
22	18	4	0	21	17	5	0	497.5130	0.0005	0.0004	[3]
21	18	4	1	20	17	3	1	497.5779	0.0005	-0.0005	[3]
18	3	15	1	17	2	16	1	497.5995	0.0005	-0.0009	[3]
22	16	6	1	21	15	7	1	497.7028	0.0005	-0.0018	[3]
21	21	1	0	20	20	0	0	498.0304	0.0005	0.0001	[3]
15	8	8	0	14	5	9	0	498.1499	0.0005	0.0000	[3]
18	4	15	1	17	1	16	1	499.2705	0.0010	0.0004	[3]
24	15	9	0	23	14	10	0	499.5800	0.0005	0.0000	[3]
14	7	7	1	13	4	10	1	499.6192	0.0005	0.0004	[3]
16	8	9	0	15	5	10	0	500.4909	0.0005	0.0002	[3]
21	7	15	0	20	4	16	0	500.5990	0.0005	-0.0003	[3]
14	5	9	1	13	2	12	1	500.9899	0.0010	-0.0007	[3]
21	5	16	0	20	4	17	0	501.0276	0.0005	0.0000	[3]
19	5	15	1	18	2	16	1	501.3085	0.0005	-0.0001	[3]
25	14	12	0	24	13	11	0	501.4913	0.0005	-0.0003	[3]
26	13	14	0	25	12	13	0	501.6727	0.0005	0.0009	[3]
26	13	13	0	25	12	14	0	501.6843	0.0005	-0.0020	[3]
17	8	10	0	16	5	11	0	501.8633	0.0005	0.0004	[3]
23	15	9	1	22	14	8	1	501.9001	0.0005	-0.0013	[3]

21	19	3	1	20	18	2	1	502.2105	0.0005	0.0001	[3]
18	2	16	0	17	1	17	0	502.2455	0.0005	0.0006	[3]
18	3	16	0	17	0	17	0	502.3097	0.0005	-0.0003	[3]
22	19	3	0	21	18	4	0	502.8366	0.0005	0.0001	[3]
18	8	11	0	17	5	12	0	503.2616	0.0005	-0.0001	[3]
23	17	7	0	22	16	6	0	503.3782	0.0005	-0.0002	[3]
20	7	14	1	19	4	15	1	503.7899	0.0005	0.0012	[3]
22	17	5	1	21	16	6	1	504.3205	0.0005	0.0008	[3]
24	14	10	1	23	13	11	1	504.5497	0.0005	-0.0012	[3]
25	13	13	1	24	12	12	1	505.4721	0.0005	0.0008	[3]
19	8	12	0	18	5	13	0	505.7430	0.0005	-0.0003	[3]
21	20	2	1	20	19	1	1	505.9648	0.0005	0.0006	[3]
14	8	6	0	13	5	9	0	506.0745	0.0015	0.0005	[3]
20	6	15	1	19	3	16	1	506.2342	0.0005	0.0003	[3]
19	3	16	0	18	2	17	0	506.5493	0.0005	-0.0002	[3]
16	7	9	0	15	4	12	0	506.8619	0.0005	-0.0004	[3]
19	4	16	0	18	1	17	0	507.0797	0.0005	-0.0005	[3]
22	20	2	0	21	19	3	0	507.3211	0.0005	0.0000	[3]
20	4	16	0	19	3	17	0	507.4143	0.0005	0.0001	[3]
15	6	9	1	14	3	12	1	507.7240	0.0005	0.0002	[3]
24	16	8	0	23	15	9	0	507.8800	0.0005	-0.0001	[3]
21	21	1	1	20	20	0	1	508.8500	0.0005	0.0015	[3]
23	18	6	0	22	17	5	0	509.7117	0.0005	-0.0005	[3]
22	18	4	1	21	17	5	1	510.0106	0.0001	0.0001	[3]
20	8	13	0	19	5	14	0	510.2939	0.0005	-0.0001	[3]
20	5	16	0	19	2	17	0	510.5042	0.0005	0.0004	[3]
25	15	11	0	24	14	10	0	510.9647	0.0005	0.0002	[3]
22	21	1	0	21	20	2	0	510.9773	0.0005	-0.0004	[3]
21	5	16	1	20	4	17	1	511.3283	0.0010	-0.0013	[3]
26	14	12	0	25	13	13	0	512.5048	0.0005	-0.0008	[3]
24	15	9	1	23	14	10	1	513.4952	0.0005	-0.0033	[3]
22	22	0	0	21	21	1	0	513.8050	0.0005	0.0012	[3]
21	6	16	0	20	3	17	0	514.0353	0.0005	-0.0004	[3]
22	19	3	1	21	18	4	1	514.8170	0.0010	0.0001	[3]
23	19	5	0	22	18	4	0	515.1946	0.0005	-0.0003	[3]
24	17	7	0	23	16	8	0	515.2431	0.0005	0.0000	[3]
25	14	11	1	24	13	12	1	515.7898	0.0005	0.0026	[3]
11	9	3	0	10	6	4	0	516.0524	0.0005	-0.0009	[3]
23	17	7	1	22	16	6	1	516.4047	0.0005	0.0030	[3]
23	6	17	0	22	5	18	0	516.5995	0.0005	0.0003	[3]
15	7	8	1	14	4	11	1	516.9264	0.0005	0.0000	[3]
16	6	10	0	15	3	13	0	516.9661	0.0005	-0.0001	[3]
21	8	14	0	20	5	15	0	517.6716	0.0005	-0.0004	[3]
15	8	7	0	14	5	10	0	518.4913	0.0005	0.0001	[3]
22	20	2	1	21	19	3	1	518.7662	0.0005	0.0004	[3]
12	8	4	1	11	5	7	1	518.9525	0.0005	-0.0006	[3]
25	16	10	0	24	15	9	0	519.4131	0.0005	-0.0002	[3]
23	20	4	0	22	19	3	0	519.8528	0.0005	-0.0002	[3]
21	7	15	1	20	4	16	1	521.2836	0.0005	0.0015	[3]
23	6	17	1	22	5	18	1	521.5029	0.0005	0.0006	[3]
24	18	6	0	23	17	7	0	521.7203	0.0005	-0.0010	[3]
22	21	1	1	21	20	2	1	521.8737	0.0005	0.0022	[3]
22	7	16	0	21	4	17	0	521.8812	0.0005	-0.0009	[3]
26	15	11	0	25	14	12	0	522.1542	0.0005	0.0022	[3]
23	18	6	1	22	17	5	1	522.2451	0.0005	0.0002	[3]
23	21	3	0	22	20	2	0	523.7036	0.0005	-0.0003	[3]

22	22	0	1	21	21	1	1	524.1396	0.0005	0.0014	[3]
20	4	16	1	19	3	17	1	524.1580	0.0005	-0.0018	[3]
25	7	18	0	24	6	19	0	525.1309	0.0005	-0.0004	[3]
25	7	18	1	24	6	19	1	525.4687	0.0005	0.0007	[3]
23	22	2	0	22	21	1	0	526.7535	0.0005	-0.0006	[3]
25	17	9	0	24	16	8	0	526.9162	0.0030	-0.0009	[3]
18	2	16	1	17	1	17	1	526.9581	0.0005	-0.0003	[3]
18	3	16	1	17	0	17	1	527.0828	0.0010	0.0002	[3]
23	19	5	1	22	18	4	1	527.2156	0.0005	0.0001	[3]
24	19	5	0	23	18	6	0	527.3545	0.0030	-0.0009	[3]
19	3	16	1	18	2	17	1	527.6953	0.0005	-0.0006	[3]
12	9	4	0	11	6	5	0	527.9700	0.0010	-0.0005	[3]
12	9	3	0	11	6	6	0	528.2041	0.0005	0.0002	[3]
22	8	15	0	21	5	16	0	528.2506	0.0005	-0.0024	[3]
19	4	16	1	18	1	17	1	528.6597	0.0005	0.0003	[3]
20	5	16	1	19	2	17	1	529.4313	0.0005	0.0003	[3]
17	7	10	0	16	4	13	0	530.6505	0.0005	-0.0007	[3]
26	16	10	0	25	15	11	0	530.7524	0.0005	0.0006	[3]
19	2	17	0	18	1	18	0	530.8104	0.0005	-0.0004	[3]
19	3	17	0	18	0	18	0	530.8443	0.0005	-0.0002	[3]
23	20	4	1	22	19	3	1	531.3454	0.0005	-0.0009	[3]
21	6	16	1	20	3	17	1	531.6780	0.0005	-0.0005	[3]
16	8	8	0	15	5	11	0	531.8812	0.0005	-0.0001	[3]
24	20	4	0	23	19	5	0	532.1763	0.0005	-0.0003	[3]
25	18	8	0	24	17	7	0	533.5340	0.0050	-0.0014	[3]
23	21	3	1	22	20	2	1	534.6568	0.0005	-0.0004	[3]
20	3	17	0	19	2	18	0	534.7214	0.0030	-0.0006	[3]
20	4	17	0	19	1	18	0	535.0140	0.0005	-0.0003	[3]
21	4	17	0	20	3	18	0	535.9487	0.0005	0.0007	[3]
24	21	3	0	23	20	4	0	536.2065	0.0005	-0.0010	[3]
16	7	9	1	15	4	12	1	536.5986	0.0015	0.0007	[3]
23	22	2	1	22	21	1	1	537.1587	0.0005	0.0006	[3]
21	5	17	0	20	2	18	0	537.7745	0.0005	0.0003	[3]
26	17	9	0	25	16	10	0	538.3957	0.0005	0.0002	[3]
23	23	1	1	22	22	0	1	538.8453	0.0005	-0.0020	[3]
25	19	7	0	24	18	6	0	539.3156	0.0005	0.0014	[3]
24	19	5	1	23	18	6	1	539.4033	0.0005	0.0005	[3]
24	22	2	0	23	21	3	0	539.4608	0.0005	-0.0011	[3]
22	6	17	0	21	3	18	0	539.9588	0.0005	-0.0003	[3]
16	6	10	1	15	3	13	1	540.3556	0.0020	0.0006	[3]
17	8	10	1	16	5	11	1	540.7890	0.0005	0.0003	[3]
22	7	16	1	21	4	17	1	541.2254	0.0005	0.0005	[3]
18	8	11	1	17	5	12	1	541.3658	0.0005	0.0001	[3]
24	23	1	0	23	22	2	0	541.9406	0.0005	-0.0009	[3]
23	8	16	0	22	5	17	0	541.9894	0.0005	-0.0005	[3]
24	24	0	0	23	23	1	0	543.6446	0.0050	0.0147	[3]
24	20	4	1	23	19	5	1	543.7025	0.0005	-0.0005	[3]
22	5	17	1	21	4	18	1	543.9723	0.0005	-0.0015	[3]
23	7	17	0	22	4	18	0	544.6579	0.0005	-0.0009	[3]
20	8	13	1	19	5	14	1	544.7431	0.0015	0.0003	[3]
26	18	8	0	25	17	9	0	545.1481	0.0005	-0.0022	[3]
25	18	8	1	24	17	7	1	546.1039	0.0005	-0.0015	[3]
24	21	3	1	23	20	4	1	547.2017	0.0005	-0.0017	[3]
25	21	5	0	24	20	4	0	548.4865	0.0005	-0.0008	[3]
24	6	18	0	23	5	19	0	548.6844	0.0005	-0.0009	[3]
21	8	14	1	20	5	15	1	549.4524	0.0005	0.0000	[3]

14	9	6	0	13	6	7	0	549.8411	0.0005	-0.0017	[3]
24	22	2	1	23	21	3	1	549.9181	0.0005	-0.0005	[3]
26	19	7	0	25	18	8	0	551.0708	0.0005	0.0031	[3]
25	19	7	1	24	18	6	1	551.3772	0.0005	0.0009	[3]
14	9	5	0	13	6	8	0	551.3946	0.0015	0.0004	[3]
24	23	1	1	23	22	2	1	551.8529	0.0005	-0.0026	[3]
25	22	4	0	24	21	3	0	551.9283	0.0005	0.0002	[3]
24	24	0	1	23	23	1	1	552.9941	0.0030	-0.0094	[3]
21	4	17	1	20	3	18	1	554.3892	0.0010	0.0002	[3]
15	8	7	1	14	5	10	1	554.5201	0.0005	0.0002	[3]
25	23	3	0	24	22	2	0	554.6226	0.0005	0.0005	[3]
17	6	11	0	16	3	14	0	555.4313	0.0005	-0.0002	[3]
25	20	6	1	24	19	5	1	555.8337	0.0005	-0.0004	[3]
26	20	6	0	25	19	7	0	556.1853	0.0005	-0.0026	[3]
25	24	2	0	24	23	1	0	556.5726	0.0020	0.0063	[3]
19	3	17	1	18	0	18	1	557.2897	0.0005	-0.0009	[3]
20	3	17	1	19	2	18	1	557.3666	0.0020	0.0003	[3]
21	5	17	1	20	2	18	1	557.6425	0.0010	0.0005	[3]
22	6	17	1	21	3	18	1	557.8636	0.0005	-0.0009	[3]
20	4	17	1	19	1	18	1	557.9191	0.0005	0.0002	[3]
26	7	19	0	25	6	20	0	558.0556	0.0005	-0.0019	[3]
18	7	11	0	17	4	14	0	558.0861	0.0015	-0.0004	[3]
24	8	17	0	23	5	18	0	558.5196	0.0005	-0.0006	[3]
17	7	10	1	16	4	13	1	559.1112	0.0005	-0.0019	[3]
15	9	7	0	14	6	8	0	559.1859	0.0005	-0.0002	[3]
20	2	18	0	19	1	19	0	559.2216	0.0005	-0.0005	[3]
20	3	18	0	19	0	19	0	559.2390	0.0005	-0.0006	[3]
25	21	5	1	24	20	4	1	559.5101	0.0030	0.0011	[3]
26	21	5	0	25	20	6	0	560.5423	0.0005	0.0003	[3]
23	5	18	0	22	4	19	0	560.7707	0.0005	0.0003	[3]
25	22	4	1	24	21	3	1	562.4196	0.0005	-0.0002	[3]
21	4	18	0	20	1	19	0	562.7646	0.0005	-0.0007	[3]
23	7	17	1	22	4	18	1	563.0704	0.0005	-0.0018	[3]
18	8	10	0	17	5	13	0	563.3370	0.0005	-0.0002	[3]
22	4	18	0	21	3	19	0	563.8608	0.0005	0.0008	[3]
26	22	4	0	25	21	5	0	564.1568	0.0005	0.0029	[3]
25	23	3	1	24	22	2	1	564.5814	0.0005	0.0025	[3]
22	5	18	0	21	2	19	0	564.9289	0.0005	0.0006	[3]
25	24	2	1	24	23	1	1	565.9905	0.0005	-0.0003	[3]
23	6	18	0	22	3	19	0	566.1155	0.0005	0.0000	[3]
25	25	1	1	24	24	0	1	566.6278	0.0005	0.0007	[3]
16	9	8	0	15	6	9	0	566.9091	0.0005	0.0009	[3]
26	23	3	0	25	22	4	0	567.0374	0.0005	-0.0032	[3]
16	8	8	1	15	5	11	1	567.4512	0.0005	0.0004	[3]
23	8	16	1	22	5	17	1	567.9811	0.0005	0.0010	[3]
24	7	18	0	23	4	19	0	568.4687	0.0005	-0.0009	[3]
26	24	2	0	25	23	3	0	569.2128	0.0005	0.0032	[3]
26	25	1	0	25	24	2	0	570.6517	0.0005	-0.0013	[3]
26	26	0	0	25	25	1	0	571.3376	0.0005	0.0001	[3]
17	9	9	0	16	6	10	0	572.6006	0.0005	0.0000	[3]
16	9	7	0	15	6	10	0	573.6753	0.0005	0.0001	[3]
23	5	18	1	22	4	19	1	575.2492	0.0005	-0.0026	[3]
18	9	10	0	17	6	11	0	576.0896	0.0005	-0.0013	[3]
25	8	18	0	24	5	19	0	577.3338	0.0005	-0.0004	[3]
21	9	13	0	20	6	14	0	577.6042	0.0005	-0.0002	[3]
19	9	11	0	18	6	12	0	577.6155	0.0005	-0.0002	[3]

20	9	12	0	19	6	13	0	577.8166	0.0015	-0.0021	[3]
22	9	14	0	21	6	15	0	577.9772	0.0015	-0.0003	[3]
25	6	19	0	24	5	20	0	579.4278	0.0005	-0.0021	[3]
23	9	15	0	22	6	16	0	579.9163	0.0005	-0.0002	[3]
17	8	9	1	16	5	12	1	581.5499	0.0005	0.0018	[3]
19	8	11	0	18	5	14	0	582.3182	0.0010	0.0007	[3]
22	4	18	1	21	3	19	1	583.8125	0.0005	0.0011	[3]
24	9	16	0	23	6	17	0	584.2530	0.0020	0.0029	[3]
23	6	18	1	22	3	19	1	584.4704	0.0005	-0.0013	[3]
18	7	11	1	17	4	14	1	584.9625	0.0005	-0.0005	[3]
22	5	18	1	21	2	19	1	585.7952	0.0005	0.0012	[3]
24	7	18	1	23	4	19	1	586.3221	0.0005	0.0027	[3]
21	3	18	1	20	2	19	1	586.6872	0.0010	0.0003	[3]
21	4	18	1	20	1	19	1	587.0032	0.0010	0.0002	[3]
20	2	18	1	19	1	19	1	587.3480	0.0005	-0.0008	[3]
20	3	18	1	19	0	19	1	587.3845	0.0005	-0.0007	[3]
21	2	19	0	20	1	20	0	587.4805	0.0005	-0.0006	[3]
21	3	19	0	20	0	20	0	587.4895	0.0005	-0.0008	[3]
25	6	19	1	24	5	20	1	588.3592	0.0005	-0.0008	[3]
19	7	12	0	18	4	15	0	589.6339	0.0005	-0.0013	[3]
22	3	19	0	21	2	20	0	590.2257	0.0005	-0.0013	[3]
22	4	19	0	21	1	20	0	590.3139	0.0005	-0.0015	[3]
23	4	19	0	22	3	20	0	591.2766	0.0005	0.0015	[3]
25	9	17	0	24	6	18	0	591.5227	0.0005	0.0008	[3]
23	5	19	0	22	2	20	0	591.8973	0.0005	0.0011	[3]
24	6	19	0	23	3	20	0	592.3101	0.0005	0.0002	[3]
25	7	19	0	24	4	20	0	592.9268	0.0025	-0.0095	[3]
14	10	4	0	13	7	7	0	594.9235	0.0005	0.0001	[3]
18	8	10	1	17	5	13	1	597.2353	0.0005	0.0011	[3]
26	8	19	0	25	5	20	0	597.8996	0.0050	-0.0040	[3]
18	6	12	0	17	3	15	0	598.2558	0.0005	0.0002	[3]
25	8	18	1	24	5	19	1	598.6121	0.0005	-0.0022	[3]
26	9	18	0	25	6	19	0	601.9052	0.0005	0.0024	[3]
20	8	12	0	19	5	15	0	604.0920	0.0005	-0.0002	[3]
24	5	19	1	23	4	20	1	605.2575	0.0005	-0.0013	[3]
15	10	6	0	14	7	7	0	606.4222	0.0005	-0.0001	[3]
26	6	20	0	25	5	21	0	608.7731	0.0005	0.0000	[3]
19	9	10	0	18	6	13	0	608.9218	0.0005	0.0002	[3]
24	6	19	1	23	3	20	1	611.2513	0.0005	-0.0014	[3]
23	4	19	1	22	3	20	1	612.5906	0.0010	0.0036	[3]
23	5	19	1	22	2	20	1	613.7892	0.0005	0.0030	[3]
17	9	9	1	16	6	10	1	614.4326	0.0005	0.0007	[3]
19	7	12	1	18	4	15	1	614.6262	0.0005	-0.0011	[3]
19	8	11	1	18	5	14	1	614.9386	0.0005	-0.0011	[3]
16	7	10	0	15	2	13	0	615.4540	0.0015	-0.0021	[3]
22	2	20	0	21	1	21	0	615.5883	0.0015	0.0012	[3]
22	3	20	0	21	0	21	0	615.5943	0.0015	0.0023	[3]
22	3	19	1	21	2	20	1	615.7020	0.0005	0.0000	[3]
25	5	20	0	24	4	21	0	616.3618	0.0005	0.0010	[3]
21	2	19	1	20	1	20	1	617.3413	0.0010	-0.0003	[3]
21	3	19	1	20	0	20	1	617.3610	0.0005	-0.0004	[3]
16	10	7	0	15	7	8	0	617.4093	0.0005	-0.0001	[3]
23	3	20	0	22	2	21	0	617.6018	0.0005	-0.0030	[3]
23	4	20	0	22	1	21	0	617.6533	0.0030	-0.0003	[3]
26	7	20	0	25	4	21	0	617.7603	0.0005	0.0012	[3]
16	10	6	0	15	7	9	0	618.1623	0.0005	0.0004	[3]

24	4	20	0	23	3	21	0	618.2764	0.0005	0.0015	[3]
25	6	20	0	24	3	21	0	618.4064	0.0005	0.0009	[3]
18	6	12	1	17	3	15	1	619.3465	0.0010	0.0004	[3]
23	9	15	1	22	6	16	1	619.8132	0.0005	0.0009	[3]
22	9	14	1	21	6	15	1	619.9284	0.0005	0.0001	[3]
21	9	13	1	20	6	14	1	620.8173	0.0005	-0.0001	[3]
19	9	11	1	18	6	12	1	621.1035	0.0005	0.0000	[3]
24	9	16	1	23	6	17	1	621.3833	0.0015	-0.0005	[3]
20	9	12	1	19	6	13	1	621.5131	0.0005	0.0002	[3]
20	9	11	0	19	6	14	0	622.4889	0.0020	-0.0007	[3]
20	7	13	0	19	4	16	0	625.5684	0.0005	-0.0002	[3]
17	10	8	0	16	7	9	0	627.5454	0.0005	0.0001	[3]
21	8	13	0	20	5	16	0	629.1395	0.0005	-0.0001	[3]
20	8	12	1	19	5	15	1	635.1004	0.0010	0.0003	[3]
18	9	9	1	17	6	12	1	635.5758	0.0005	-0.0001	[3]
18	10	9	0	17	7	10	0	636.5188	0.0005	0.0007	[3]
21	9	12	0	20	6	15	0	637.6324	0.0020	0.0016	[3]
25	6	20	1	24	3	21	1	638.0206	0.0005	-0.0032	[3]
18	10	8	0	17	7	11	0	639.9909	0.0015	-0.0020	[3]
24	5	20	1	23	2	21	1	641.5569	0.0010	0.0055	[3]
26	5	21	0	25	4	22	0	643.0628	0.0005	0.0010	[3]
12	12	0	0	11	9	3	0	643.0933	0.0005	-0.0001	[3]
23	3	21	0	22	0	22	0	643.5479	0.0020	0.0073	[3]
19	10	10	0	18	7	11	0	643.9389	0.0005	0.0005	[3]
26	6	21	0	25	3	22	0	644.3112	0.0005	0.0009	[3]
25	4	21	0	24	3	22	0	644.9108	0.0005	0.0010	[3]
25	5	21	0	24	2	22	0	645.1195	0.0005	0.0009	[3]
22	2	20	1	21	1	21	1	647.2038	0.0005	-0.0007	[3]
22	3	20	1	21	0	21	1	647.2144	0.0010	-0.0009	[3]
19	9	10	1	18	6	13	1	647.4748	0.0005	0.0004	[3]
20	7	13	1	19	4	16	1	648.4939	0.0015	-0.0007	[3]
20	10	11	0	19	7	12	0	649.4134	0.0020	0.0007	[3]
26	10	17	0	25	7	18	0	650.1071	0.0005	0.0019	[3]
25	10	16	0	24	7	17	0	650.5590	0.0005	0.0006	[3]
19	10	9	0	18	7	12	0	650.5733	0.0005	0.0005	[3]
21	10	12	0	20	7	13	0	652.6960	0.0005	0.0000	[3]
23	10	14	0	22	7	15	0	653.3601	0.0010	-0.0023	[3]
22	10	13	0	21	7	14	0	653.8609	0.0005	0.0001	[3]
22	9	13	0	21	6	16	0	654.7638	0.0005	0.0000	[3]
13	12	2	0	12	9	3	0	656.6152	0.0020	0.0001	[3]
22	8	14	0	21	5	17	0	657.9082	0.0015	-0.0010	[3]
16	11	5	0	15	8	8	0	659.2685	0.0015	0.0012	[3]
20	10	10	0	19	7	13	0	661.1583	0.0005	0.0005	[3]
17	1	17	1	18	2	16	0	667.0006	0.0005	-0.0030	[3]
25	4	21	1	24	3	22	1	668.6138	0.0005	0.0030	[3]
17	10	8	1	16	7	9	1	669.5461	0.0005	-0.0012	[3]
14	12	2	0	13	9	5	0	669.9855	0.0010	-0.0033	[3]
17	11	7	0	16	8	8	0	671.0305	0.0015	-0.0002	[3]
26	4	22	0	25	3	23	0	671.2093	0.0005	-0.0005	[3]
26	5	22	0	25	2	23	0	671.3286	0.0005	-0.0024	[3]
25	3	22	0	24	2	23	0	671.6529	0.0005	0.0029	[3]
25	4	22	0	24	1	23	0	671.6664	0.0005	0.0013	[3]
21	10	11	0	20	7	14	0	671.9995	0.0005	0.0000	[3]
24	3	21	1	23	2	22	1	672.8987	0.0005	0.0001	[3]
24	4	21	1	23	1	22	1	672.9619	0.0015	0.0037	[3]
21	9	12	1	20	6	15	1	674.3105	0.0015	0.0018	[3]

23	9	14	0	22	6	17	0	674.3129	0.0010	0.0000	[3]
18	1	17	1	19	4	16	0	675.3622	0.0005	-0.0008	[3]
18	2	17	1	19	3	16	0	675.8971	0.0015	0.0006	[3]
23	2	21	1	22	1	22	1	676.9356	0.0010	-0.0017	[3]
23	3	21	1	22	0	22	1	676.9416	0.0010	-0.0017	[3]
18	10	8	1	17	7	11	1	681.7026	0.0015	-0.0002	[3]
18	11	8	0	17	8	9	0	682.3375	0.0005	-0.0001	[3]
18	11	7	0	17	8	10	0	682.6870	0.0020	-0.0008	[3]
15	12	4	0	14	9	5	0	683.1752	0.0005	0.0021	[3]
22	10	12	0	21	7	15	0	683.4020	0.0005	0.0000	[3]
22	8	14	1	21	5	17	1	684.5462	0.0005	-0.0018	[3]
23	8	15	0	22	5	18	0	690.7301	0.0005	-0.0018	[3]
19	11	9	0	18	8	10	0	692.9982	0.0005	0.0001	[3]
19	11	8	0	18	8	11	0	693.7887	0.0005	-0.0011	[3]
23	10	13	0	22	7	16	0	695.7057	0.0005	-0.0003	[3]
24	9	15	0	23	6	18	0	696.7069	0.0005	-0.0007	[3]
25	10	16	1	24	7	17	1	697.5876	0.0020	-0.0010	[3]
21	10	12	1	20	7	13	1	698.5906	0.0015	0.0011	[3]
24	10	15	1	23	7	16	1	699.7537	0.0005	-0.0029	[3]
22	10	13	1	21	7	14	1	700.8826	0.0015	0.0000	[3]
25	3	22	1	24	2	23	1	701.0932	0.0005	0.0002	[3]
23	10	14	1	22	7	15	1	701.1067	0.0005	0.0016	[3]
25	4	22	1	24	1	23	1	701.1255	0.0005	-0.0020	[3]
20	11	10	0	19	8	11	0	702.8205	0.0005	-0.0008	[3]
20	10	10	1	19	7	13	1	702.9051	0.0005	-0.0001	[3]
19	8	12	0	18	3	15	0	703.0836	0.0005	0.0009	[3]
20	11	9	0	19	8	12	0	704.4880	0.0005	-0.0004	[3]
24	3	22	1	23	0	23	1	706.5398	0.0005	-0.0014	[3]
24	10	14	0	23	7	17	0	709.2732	0.0005	0.0000	[3]
22	7	15	0	21	4	18	0	709.8602	0.0020	0.0015	[3]
18	2	16	1	19	5	15	0	710.7357	0.0010	-0.0003	[3]
21	11	11	0	20	8	12	0	711.5466	0.0005	0.0005	[3]
21	11	10	0	20	8	13	0	714.8327	0.0020	0.0016	[3]
22	11	12	0	21	8	13	0	718.8390	0.0005	-0.0013	[3]
23	11	13	0	22	8	14	0	724.3441	0.0005	0.0028	[3]
22	10	12	1	21	7	15	1	724.4107	0.0005	-0.0019	[3]
25	10	15	0	24	7	18	0	724.4755	0.0005	-0.0002	[3]
22	11	11	0	21	8	14	0	724.9137	0.0020	-0.0005	[3]
15	1	15	1	16	2	14	0	727.19433	0.00030	0.00036	[4]
15	1	15	1	16	2	14	0	727.1957	0.0005	0.0017	[3]
24	8	16	0	23	5	19	0	727.6894	0.0005	0.0000	[3]
24	11	14	0	23	8	15	0	727.7577	0.0010	0.0021	[3]
26	11	16	0	25	8	17	0	728.3178	0.0020	0.0021	[3]
25	11	15	0	24	8	16	0	729.0018	0.0020	0.0003	[3]
22	7	15	1	21	4	18	1	729.1360	0.0005	-0.0014	[3]
16	1	15	1	17	4	14	0	732.45674	0.00030	0.00024	[4]
19	12	8	0	18	9	9	0	733.1308	0.0005	0.0005	[3]
16	2	15	1	17	3	14	0	734.1768	0.0005	-0.0034	[3]
16	2	15	1	17	3	14	0	734.18067	0.00060	0.00042	[4]
23	11	12	0	22	8	15	0	734.8885	0.0005	0.0000	[3]
23	10	13	1	22	7	16	1	735.9328	0.0020	-0.0020	[3]
13	3	11	1	14	6	8	0	738.21141	0.00040	0.00004	[4]
18	3	15	1	19	6	14	0	738.4286	0.0005	-0.0016	[3]
26	10	16	0	25	7	19	0	741.6898	0.0005	-0.0008	[3]
24	11	13	0	23	8	16	0	744.9606	0.0020	0.0019	[3]
26	9	17	0	25	6	20	0	751.6537	0.0005	0.0021	[3]

25	11	14	0	24	8	17	0	755.3785	0.0005	0.0016	[3]
21	12	10	0	20	9	11	0	755.6609	0.0005	0.0016	[3]
14	0	14	1	15	3	13	0	756.97861	0.00020	0.00030	[4]
14	0	14	1	15	3	13	0	756.9789	0.0005	0.0006	[3]
14	1	14	1	15	2	13	0	757.44500	0.00020	0.00031	[4]
11	4	8	1	12	7	5	0	760.07496	0.00030	0.00033	[4]
15	1	14	1	16	4	13	0	760.9579	0.0005	-0.0001	[3]
16	2	14	1	17	5	13	0	763.7663	0.0005	0.0011	[3]
15	2	14	1	16	3	13	0	763.9925	0.0005	-0.0004	[3]
15	2	14	1	16	3	13	0	763.99278	0.00020	-0.00009	[4]
22	12	11	0	21	9	12	0	766.0183	0.0005	0.0007	[3]
26	11	15	0	25	8	18	0	766.4323	0.0005	0.0011	[3]
22	12	10	0	21	9	13	0	766.7791	0.0005	0.0011	[3]
23	11	13	1	22	8	14	1	770.9549	0.0005	0.0022	[3]
10	4	7	1	11	7	4	0	772.89740	0.00030	0.00015	[4]
23	12	12	0	22	9	13	0	775.5782	0.0005	-0.0015	[3]
23	12	11	0	22	9	14	0	777.1063	0.0010	0.0002	[3]
11	4	7	1	12	7	6	0	777.32571	0.00040	0.00002	[4]
25	11	15	1	24	8	16	1	778.5426	0.0020	0.0104	[3]
25	8	18	1	26	9	17	0	779.4012	0.0020	-0.0062	[3]
11	2	10	1	12	5	7	0	780.17831	0.00020	0.00023	[4]
20	13	7	0	19	10	10	0	780.6380	0.0010	0.0026	[3]
10	4	6	1	11	7	5	0	782.56710	0.00020	-0.00010	[4]
24	12	13	0	23	9	14	0	784.1350	0.0005	-0.0005	[3]
11	3	9	1	12	6	6	0	784.82056	0.00020	0.00018	[4]
9	4	6	1	10	7	3	0	785.10722	0.00020	0.00014	[4]
13	0	13	1	14	3	12	0	786.97564	0.00010	0.00034	[4]
23	7	17	1	24	8	16	0	787.7192	0.0005	-0.0008	[3]
13	1	13	1	14	2	12	0	787.8624	0.0005	-0.0002	[3]
13	1	13	1	14	2	12	0	787.86278	0.00010	0.00017	[4]
24	11	13	1	23	8	16	1	788.3275	0.0015	-0.0085	[3]
15	2	13	1	16	5	12	0	789.2260	0.0005	-0.0004	[3]
14	1	13	1	15	4	12	0	789.26150	0.00010	0.00018	[4]
14	1	13	1	15	4	12	0	789.2617	0.0005	0.0004	[3]
25	12	14	0	24	9	15	0	791.4149	0.0005	0.0010	[3]
21	6	16	1	22	7	15	0	791.9905	0.0015	0.0003	[3]
21	13	9	0	20	10	10	0	792.7095	0.0005	-0.0013	[3]
25	9	17	1	26	10	16	0	793.0521	0.0005	0.0032	[3]
14	2	13	1	15	3	12	0	794.4739	0.0005	-0.0018	[3]
14	2	13	1	15	3	12	0	794.47510	0.00020	-0.00065	[4]
19	5	15	1	20	6	14	0	794.7666	0.0005	0.0009	[3]
25	10	16	1	26	11	15	0	795.7730	0.0005	0.0012	[3]
25	12	13	0	24	9	16	0	796.6370	0.0005	0.0007	[3]
15	3	12	1	16	6	11	0	797.8237	0.0005	0.0002	[3]
8	4	4	1	9	7	3	0	799.09036	0.00020	0.00032	[4]
17	4	14	1	18	5	13	0	799.4821	0.0005	-0.0003	[3]
10	3	8	1	11	6	5	0	803.66872	0.00020	0.00036	[4]
22	13	9	0	21	10	12	0	804.4594	0.0005	0.0019	[3]
26	12	14	0	25	9	17	0	806.0220	0.0005	-0.0026	[3]
24	10	15	1	25	11	14	0	806.5416	0.0020	-0.0082	[3]
24	11	13	1	25	12	14	0	808.4876	0.0020	-0.0094	[3]
25	14	12	1	26	15	11	0	809.0231	0.0015	-0.0025	[3]
15	3	13	1	16	4	12	0	809.20022	0.00020	0.00050	[4]
15	3	13	1	16	4	12	0	809.2008	0.0005	0.0011	[3]
22	7	16	1	23	8	15	0	809.4638	0.0005	0.0028	[3]
24	9	15	1	25	10	16	0	809.6116	0.0005	-0.0013	[3]

10	2	9	1	11	5	6	0	811.15617	0.00020	0.00010	[4]
24	12	12	1	25	13	13	0	811.4502	0.0005	-0.0027	[3]
23	8	16	1	24	9	15	0	811.5756	0.0020	0.0007	[3]
14	3	11	1	15	6	10	0	812.17159	0.00020	0.00003	[4]
14	3	11	1	15	6	10	0	812.1718	0.0005	0.0002	[3]
26	8	18	0	25	5	21	0	812.6155	0.0005	0.0007	[3]
14	2	12	1	15	5	11	0	813.45571	0.00010	0.00032	[4]
14	2	12	1	15	5	11	0	813.4562	0.0005	0.0008	[3]
25	15	11	1	26	16	10	0	814.1891	0.0020	-0.0057	[3]
23	13	11	0	22	10	12	0	815.6021	0.0005	-0.0011	[3]
23	9	15	1	24	10	14	0	816.1985	0.0010	-0.0004	[3]
12	0	12	1	13	3	11	0	816.87874	0.00010	0.00015	[4]
13	1	12	1	14	4	11	0	817.16199	0.00010	0.00019	[4]
23	10	14	1	24	11	13	0	817.3695	0.0010	0.0004	[3]
23	10	13	1	24	11	14	0	817.6390	0.0010	-0.0012	[3]
12	1	12	1	13	2	11	0	818.54018	0.00010	0.00020	[4]
23	9	14	1	24	10	15	0	818.7735	0.0030	0.0042	[3]
23	11	13	1	24	12	12	0	819.3456	0.0010	0.0021	[3]
23	11	12	1	24	12	13	0	819.3650	0.0010	-0.0011	[3]
24	14	10	1	25	15	11	0	820.0496	0.0010	0.0012	[3]
9	3	7	1	10	6	4	0	820.28457	0.00010	0.00018	[4]
9	1	9	1	10	4	6	0	820.30500	0.00010	0.00020	[4]
17	16	2	0	16	13	3	0	821.2376	0.0010	0.0029	[3]
6	4	2	1	7	7	1	0	821.24185	0.00050	0.00024	[4]
23	12	12	1	24	13	11	0	822.4541	0.0020	0.0039	[3]
13	3	10	1	14	6	9	0	823.25257	0.00020	0.00017	[4]
14	1	14	1	14	4	11	0	824.8216	0.0010	0.0026	[3]
21	14	8	0	20	11	9	0	825.1064	0.0010	0.0020	[3]
24	8	16	1	25	9	17	0	825.1491	0.0030	-0.0019	[3]
24	15	9	1	25	16	10	0	825.2524	0.0010	0.0000	[3]
25	17	9	1	26	18	8	0	825.6991	0.0010	0.0010	[3]
13	2	12	1	14	3	11	0	825.80819	0.00010	0.00024	[4]
23	13	11	1	24	14	10	0	826.4676	0.0010	0.0056	[3]
22	9	14	1	23	10	13	0	827.3107	0.0010	0.0011	[3]
21	7	15	1	22	8	14	0	828.3311	0.0015	0.0025	[3]
22	10	12	1	23	11	13	0	828.3985	0.0005	-0.0013	[3]
22	9	13	1	23	10	14	0	828.6305	0.0005	-0.0017	[3]
23	8	15	1	24	9	16	0	829.2784	0.0015	-0.0032	[3]
22	11	12	1	23	12	11	0	830.3604	0.0010	0.0026	[3]
22	11	11	1	23	12	12	0	830.3661	0.0010	-0.0011	[3]
23	14	10	1	24	15	9	0	831.1691	0.0010	0.0020	[3]
12	3	9	1	13	6	8	0	831.32498	0.00010	0.00012	[4]
16	4	13	1	17	5	12	0	831.8461	0.0005	-0.0005	[3]
22	12	10	1	23	13	11	0	833.5610	0.0005	0.0010	[3]
8	3	6	1	9	6	3	0	835.18596	0.00020	0.00008	[4]
22	8	14	1	23	9	15	0	835.4246	0.0010	-0.0012	[3]
13	2	11	1	14	5	10	0	835.94428	0.00010	0.00016	[4]
23	15	9	1	24	16	8	0	836.4052	0.0010	0.0001	[3]
11	3	8	1	12	6	7	0	837.10696	0.00010	0.00010	[4]
21	8	14	1	22	9	13	0	837.4672	0.0010	0.0010	[3]
22	13	9	1	23	14	10	0	837.6347	0.0010	0.0000	[3]
9	2	8	1	10	5	5	0	837.96849	0.00010	0.00012	[4]
21	9	13	1	22	10	12	0	838.3492	0.0010	0.0004	[3]
21	10	12	1	22	11	11	0	839.2943	0.0010	0.0027	[3]
21	10	11	1	22	11	12	0	839.3462	0.0010	0.0001	[3]
21	11	11	1	22	12	10	0	841.4922	0.0015	0.0021	[3]

10	3	7	1	11	6	6	0	841.58603	0.00010	0.00017	[4]
14	3	12	1	15	4	11	0	842.00416	0.00020	0.00027	[4]
19	6	14	1	20	7	13	0	842.1497	0.0015	-0.0010	[3]
22	14	8	1	23	15	9	0	842.3842	0.0015	0.0004	[3]
21	12	10	1	22	13	9	0	844.7790	0.0015	0.0019	[3]
9	3	6	1	10	6	5	0	845.80944	0.00010	0.00019	[4]
11	0	11	1	12	3	10	0	846.58301	0.00010	0.00019	[4]
7	3	5	1	8	6	2	0	848.86049	0.00010	0.00014	[4]
21	13	9	1	22	14	8	0	848.9082	0.0015	-0.0014	[3]
20	10	11	1	21	11	10	0	850.4305	0.0020	-0.0007	[3]
20	10	10	1	21	11	11	0	850.4547	0.0010	0.0012	[3]
8	3	5	1	9	6	4	0	850.75049	0.00010	0.00011	[4]
20	11	9	1	21	12	10	0	852.7412	0.0020	-0.0002	[3]
20	12	8	1	21	13	9	0	856.1019	0.0020	-0.0009	[3]
7	3	4	1	8	6	3	0	857.18544	0.00020	0.00012	[4]
8	1	8	1	9	4	5	0	857.70069	0.00010	0.00016	[4]
12	2	11	1	13	3	10	0	858.03438	0.00010	0.00015	[4]
19	9	11	1	20	10	10	0	860.5760	0.0020	0.0035	[3]
8	2	7	1	9	5	4	0	861.22564	0.00010	0.00008	[4]
6	3	4	1	7	6	1	0	861.74962	0.00020	0.00027	[4]
6	3	3	1	7	6	2	0	865.50389	0.00010	0.00003	[4]
11	5	7	1	11	8	4	0	872.53308	0.00100	0.00003	[4]
5	3	3	1	6	6	0	0	874.22257	0.00020	0.00006	[4]
5	3	2	1	6	6	1	0	875.57744	0.00030	0.00023	[4]
12	1	12	1	12	4	9	0	881.19556	0.00050	0.00016	[4]
10	1	10	1	11	2	9	0	881.25820	0.00010	0.00011	[4]
7	2	6	1	8	5	3	0	881.51837	0.00010	0.00010	[4]
7	1	7	1	8	4	4	0	890.36949	0.00010	0.00012	[4]
14	4	11	1	15	5	10	0	892.05589	0.00010	0.00015	[4]
16	9	7	1	17	10	8	0	894.7852	0.0010	0.0006	[3]
16	8	8	1	17	9	9	0	894.9042	0.0010	0.0004	[3]
16	10	6	1	17	11	7	0	896.2365	0.0010	0.0010	[3]
13	2	12	1	13	5	9	0	896.76644	0.00030	0.00006	[4]
9	2	7	1	10	5	6	0	898.66453	0.00010	0.00011	[4]
6	2	5	1	7	5	2	0	899.38742	0.00010	0.00005	[4]
15	5	11	1	16	6	10	0	900.0541	0.0010	0.0005	[3]
12	0	12	1	12	3	9	0	900.91833	0.00020	-0.00002	[4]
13	4	10	1	13	7	7	0	904.12460	0.00050	0.00091	[4]
9	0	9	1	10	3	8	0	904.66009	0.00010	0.00010	[4]
15	9	7	1	16	10	6	0	906.4376	0.0010	0.0015	[3]
12	4	9	1	12	7	6	0	906.96984	0.00070	0.00024	[4]
8	2	6	1	9	5	5	0	907.24100	0.00010	0.00007	[4]
11	1	11	1	11	4	8	0	907.56079	0.00020	0.00004	[4]
15	7	9	1	16	8	8	0	907.8120	0.0010	0.0001	[3]
15	10	6	1	16	11	5	0	907.9805	0.0010	0.0000	[3]
11	4	8	1	11	7	5	0	908.41136	0.00030	-0.00002	[4]
9	4	6	1	9	7	3	0	908.70863	0.00030	0.00028	[4]
10	4	7	1	10	7	4	0	908.86066	0.00060	0.00064	[4]
14	1	13	1	14	4	10	0	910.21512	0.00030	-0.00033	[4]
8	4	4	1	8	7	1	0	910.33162	0.00040	-0.00026	[4]
9	1	9	1	10	2	8	0	913.55263	0.00010	0.00011	[4]
7	2	5	1	8	5	4	0	914.28693	0.00010	0.00007	[4]
13	3	11	1	13	6	8	0	915.00048	0.00030	-0.00022	[4]
13	3	11	1	13	6	8	0	915.0013	0.0010	0.0006	[3]
5	2	4	1	6	5	1	0	915.33698	0.00010	0.00008	[4]
12	2	11	1	12	5	8	0	917.28923	0.00020	0.00009	[4]

9	1	8	1	10	4	7	0	917.75754	0.00010	0.00009	[4]
14	8	7	1	15	9	6	0	917.9932	0.0010	0.0011	[3]
14	8	6	1	15	9	7	0	918.0077	0.0010	0.0008	[3]
14	9	5	1	15	10	6	0	918.2155	0.0010	0.0007	[3]
13	4	10	1	14	5	9	0	918.23261	0.00010	0.00009	[4]
10	4	6	1	10	7	3	0	918.51643	0.00030	-0.00032	[4]
14	5	10	1	15	6	9	0	918.7563	0.0010	0.0002	[3]
6	1	6	1	7	4	3	0	918.79031	0.00010	0.00001	[4]
14	7	8	1	15	8	7	0	919.4299	0.0010	0.0003	[3]
14	7	7	1	15	8	8	0	919.7017	0.0010	0.0003	[3]
14	10	4	1	15	11	5	0	919.8337	0.0010	0.0004	[3]
6	2	4	1	7	5	3	0	920.82059	0.00010	0.00004	[4]
14	6	9	1	15	7	8	0	921.9104	0.0010	0.0008	[3]
10	2	9	1	11	3	8	0	923.63412	0.00010	0.00013	[4]
14	6	8	1	15	7	9	0	925.26837	0.00010	0.00010	[4]
11	4	7	1	11	7	4	0	925.61430	0.00050	-0.00009	[4]
12	3	10	1	12	6	7	0	925.85854	0.00030	0.00001	[4]
5	2	3	1	6	5	2	0	927.76252	0.00010	-0.00003	[4]
13	8	5	1	14	9	6	0	929.78890	0.00010	0.00006	[4]
13	8	6	1	14	9	5	0	929.78890	0.00010	0.00006	[4]
4	2	3	1	5	5	0	0	929.83984	0.00020	0.00013	[4]
13	9	4	1	14	10	5	0	930.10434	0.00010	-0.00006	[4]
13	9	5	1	14	10	4	0	930.10434	0.00010	-0.00006	[4]
13	7	7	1	14	8	6	0	931.12265	0.00010	0.00012	[4]
13	7	6	1	14	8	7	0	931.22125	0.00010	0.00013	[4]
13	7	6	1	14	8	7	0	931.2216	0.0010	0.0005	[3]
13	10	4	1	14	11	3	0	931.7880	0.0010	0.0002	[3]
10	1	10	1	10	4	7	0	932.17783	0.00020	0.00014	[4]
8	0	8	1	9	3	7	0	932.47211	0.00010	0.00008	[4]
13	6	8	1	14	7	7	0	934.03940	0.00010	0.00008	[4]
11	3	9	1	11	6	6	0	934.17165	0.00020	0.00011	[4]
12	4	8	1	12	7	5	0	934.46505	0.00030	-0.00004	[4]
13	11	3	1	14	12	2	0	934.5955	0.0010	0.0017	[3]
11	0	11	1	11	3	8	0	934.82872	0.00020	-0.00011	[4]
13	5	9	1	14	6	8	0	934.83812	0.00010	-0.00005	[4]
11	2	10	1	11	5	7	0	935.35223	0.00010	0.00006	[4]
13	6	7	1	14	7	8	0	935.52394	0.00010	0.00008	[4]
4	2	2	1	5	5	1	0	935.85165	0.00010	-0.00003	[4]
11	3	9	1	12	4	8	0	935.93123	0.00010	0.00019	[4]
8	1	7	1	9	4	6	0	937.78280	0.00010	-0.00012	[4]
13	12	2	1	14	13	1	0	938.3265	0.0015	0.0010	[3]
15	5	10	1	16	6	11	0	940.0614	0.0010	0.0003	[3]
10	3	8	1	10	6	5	0	940.15548	0.00020	-0.00007	[4]
12	4	9	1	13	5	8	0	941.07710	0.00010	0.00010	[4]
12	8	4	1	13	9	5	0	941.70191	0.00010	0.00006	[4]
12	8	5	1	13	9	4	0	941.70191	0.00010	0.00006	[4]
12	9	3	1	13	10	4	0	942.09795	0.00010	0.00008	[4]
12	9	4	1	13	10	3	0	942.09795	0.00010	0.00008	[4]
13	1	12	1	13	4	9	0	942.34760	0.00030	0.00002	[4]
12	7	6	1	13	8	5	0	942.92710	0.00010	0.00029	[4]
12	7	5	1	13	8	6	0	942.95875	0.00010	0.00009	[4]
14	5	9	1	15	6	10	0	943.04823	0.00010	0.00006	[4]
5	1	5	1	6	4	2	0	943.57734	0.00010	0.00006	[4]
12	10	2	1	13	11	3	0	943.83813	0.00010	0.00016	[4]
12	10	3	1	13	11	2	0	943.83813	0.00010	0.00016	[4]
9	3	7	1	9	6	4	0	944.13686	0.00010	0.00002	[4]

13	4	9	1	13	7	6	0	944.30760	0.00070	0.00058	[4]
12	6	7	1	13	7	6	0	945.95264	0.00010	0.00004	[4]
8	1	8	1	9	2	7	0	946.30897	0.00010	-0.00006	[4]
8	3	6	1	8	6	3	0	946.51725	0.00020	0.00012	[4]
12	6	6	1	13	7	7	0	946.54728	0.00010	0.00022	[4]
12	11	1	1	13	12	2	0	946.6923	0.0010	0.0007	[3]
21	0	21	1	22	1	22	0	947.63891	0.00020	0.00018	[4]
21	1	21	1	22	0	22	0	947.63891	0.00020	0.00018	[4]
21	1	21	1	22	0	22	0	947.6396	0.0010	0.0009	[3]
7	3	5	1	7	6	2	0	947.72970	0.00020	0.00004	[4]
6	3	4	1	6	6	1	0	948.19280	0.00060	-0.00014	[4]
13	5	8	1	14	6	9	0	948.34060	0.00010	0.00017	[4]
12	5	8	1	13	6	7	0	949.03752	0.00010	-0.00002	[4]
12	12	0	1	13	13	1	0	950.4712	0.0015	0.0010	[3]
10	2	9	1	10	5	6	0	950.74113	0.00010	0.00001	[4]
6	3	3	1	6	6	0	0	951.94692	0.00040	0.00015	[4]
15	2	13	1	15	5	10	0	952.26435	0.00060	0.00050	[4]
22	0	22	1	22	1	21	0	952.40053	0.00060	-0.00292	[4]
22	1	22	1	22	2	21	0	952.40053	0.00060	-0.00292	[4]
11	8	3	1	12	9	4	0	953.72230	0.00010	-0.00009	[4]
11	8	4	1	12	9	3	0	953.72230	0.00010	-0.00009	[4]
14	4	10	1	14	7	7	0	954.09129	0.00040	0.00000	[4]
11	9	2	1	12	10	3	0	954.18600	0.00010	0.00004	[4]
11	9	3	1	12	10	2	0	954.18600	0.00010	0.00004	[4]
9	1	9	1	9	4	6	0	954.65359	0.00010	-0.00002	[4]
7	1	6	1	8	4	5	0	954.83630	0.00010	-0.00003	[4]
11	7	5	1	12	8	4	0	954.85020	0.00010	0.00008	[4]
11	7	4	1	12	8	5	0	954.85900	0.00010	-0.00007	[4]
9	2	8	1	10	3	7	0	955.35921	0.00010	0.00008	[4]
21	1	20	1	22	2	21	0	955.74351	0.00040	-0.00022	[4]
21	2	20	1	22	1	21	0	955.74351	0.00040	-0.00022	[4]
12	5	7	1	13	6	8	0	955.85127	0.00010	0.00005	[4]
11	10	1	1	12	11	2	0	955.97737	0.00010	0.00010	[4]
11	10	2	1	12	11	1	0	955.97737	0.00010	0.00010	[4]
7	3	4	1	7	6	1	0	956.04961	0.00030	-0.00021	[4]
11	6	6	1	12	7	5	0	957.83631	0.00010	0.00014	[4]
11	6	5	1	12	7	6	0	958.04861	0.00010	0.00002	[4]
20	0	20	1	21	1	21	0	958.64795	0.00010	0.00022	[4]
20	1	20	1	21	0	21	0	958.64795	0.00010	0.00022	[4]
20	0	20	1	21	1	21	0	958.6487	0.0010	0.0010	[3]
11	11	1	1	12	12	0	0	958.8783	0.0010	0.0004	[3]
7	0	7	1	8	3	6	0	958.96238	0.00010	-0.00012	[4]
11	4	8	1	12	5	7	0	960.58041	0.00010	-0.00001	[4]
8	3	5	1	8	6	2	0	962.05732	0.00010	-0.00029	[4]
11	5	7	1	12	6	6	0	962.06746	0.00010	-0.00010	[4]
10	3	8	1	11	4	7	0	962.70445	0.00010	-0.00012	[4]
9	2	8	1	9	5	5	0	963.37073	0.00010	-0.00003	[4]
21	0	21	1	21	1	20	0	963.72027	0.00030	-0.00166	[4]
21	1	21	1	21	2	20	0	963.72027	0.00030	-0.00166	[4]
21	1	21	1	21	2	20	0	963.7215	0.0010	-0.0003	[3]
11	5	6	1	12	6	7	0	965.16333	0.00010	0.00001	[4]
4	1	4	1	5	4	1	0	965.29342	0.00010	0.00001	[4]
20	1	19	1	21	2	20	0	965.66799	0.00020	-0.00069	[4]
20	2	19	1	21	1	20	0	965.66799	0.00020	-0.00069	[4]
10	8	2	1	11	9	3	0	965.83918	0.00010	0.00007	[4]
10	8	3	1	11	9	2	0	965.83918	0.00010	0.00007	[4]

10	9	1	1	11	10	2	0	966.35980	0.00010	0.00008	[4]
10	9	2	1	11	10	1	0	966.35980	0.00010	0.00008	[4]
10	7	3	1	11	8	4	0	966.88707	0.00010	0.00009	[4]
10	7	4	1	11	8	3	0	966.88707	0.00010	0.00009	[4]
10	0	10	1	10	3	7	0	967.51407	0.00010	-0.00003	[4]
10	10	0	1	11	11	1	0	968.19870	0.00010	-0.00020	[4]
10	10	1	1	11	11	0	0	968.19870	0.00010	-0.00020	[4]
6	1	5	1	7	4	4	0	968.88147	0.00010	0.00007	[4]
20	2	18	1	21	3	19	0	969.46147	0.00060	-0.00039	[4]
9	3	6	1	9	6	3	0	969.56751	0.00020	-0.00016	[4]
19	0	19	1	20	1	20	0	969.60336	0.00010	0.00011	[4]
19	1	19	1	20	0	20	0	969.60336	0.00010	0.00011	[4]
10	6	5	1	11	7	4	0	969.78265	0.00010	0.00002	[4]
10	6	4	1	11	7	5	0	969.84875	0.00010	-0.00006	[4]
12	1	11	1	12	4	8	0	971.97239	0.00010	-0.00007	[4]
8	2	7	1	8	5	4	0	973.29903	0.00010	-0.00010	[4]
10	5	6	1	11	6	5	0	974.48162	0.00010	0.00012	[4]
8	1	8	1	8	4	5	0	974.65223	0.00010	-0.00013	[4]
20	0	20	1	20	1	19	0	974.99906	0.00020	-0.00054	[4]
20	1	20	1	20	2	19	0	974.99906	0.00020	-0.00054	[4]
20	0	20	1	20	1	19	0	974.9993	0.0010	-0.0005	[3]
19	1	18	1	20	2	19	0	975.56798	0.00010	-0.00034	[4]
19	2	18	1	20	1	19	0	975.56798	0.00010	-0.00034	[4]
19	2	18	1	20	1	19	0	975.5681	0.0010	-0.0013	[3]
10	5	5	1	11	6	6	0	975.73323	0.00010	0.00010	[4]
14	2	12	1	14	5	9	0	976.69272	0.00010	0.00017	[4]
14	2	12	1	14	5	9	0	976.6931	0.0010	0.0006	[3]
10	4	7	1	11	5	6	0	977.22530	0.00010	-0.00010	[4]
16	4	12	1	17	5	13	0	977.7315	0.0010	0.0007	[3]
10	3	7	1	10	6	4	0	977.76546	0.00010	-0.00006	[4]
9	8	1	1	10	9	2	0	978.03941	0.00010	0.00005	[4]
9	8	2	1	10	9	1	0	978.03941	0.00010	0.00005	[4]
15	4	11	1	16	5	12	0	978.0974	0.0010	0.0003	[3]
14	4	10	1	15	5	11	0	978.21543	0.00010	0.00006	[4]
19	3	17	1	20	2	18	0	978.57010	0.00030	0.00001	[4]
9	9	0	1	10	10	1	0	978.60990	0.00010	-0.00017	[4]
9	9	1	1	10	10	0	0	978.60990	0.00010	-0.00017	[4]
13	4	9	1	14	5	10	0	978.81721	0.00010	0.00001	[4]
7	1	7	1	8	2	6	0	978.90722	0.00010	-0.00009	[4]
9	7	2	1	10	8	3	0	979.01996	0.00010	-0.00004	[4]
9	7	3	1	10	8	2	0	979.01996	0.00010	-0.00004	[4]
19	4	16	1	20	3	17	0	979.36785	0.00060	-0.00033	[4]
5	1	4	1	6	4	3	0	980.41743	0.00010	-0.00001	[4]
18	0	18	1	19	1	19	0	980.50168	0.00010	0.00002	[4]
18	1	18	1	19	0	19	0	980.50168	0.00010	0.00002	[4]
12	4	8	1	13	5	9	0	980.60465	0.00010	0.00001	[4]
7	2	6	1	7	5	3	0	980.72348	0.00010	-0.00004	[4]
9	6	4	1	10	7	3	0	981.82550	0.00010	-0.00008	[4]
9	6	3	1	10	7	4	0	981.84290	0.00010	-0.00003	[4]
6	0	6	1	7	3	5	0	983.67895	0.00010	-0.00007	[4]
11	4	7	1	12	5	8	0	984.17445	0.00010	0.00002	[4]
3	1	3	1	4	4	0	0	984.41761	0.00010	-0.00022	[4]
8	2	7	1	9	3	6	0	985.07693	0.00010	0.00007	[4]
18	1	17	1	19	2	18	0	985.43118	0.00010	0.00042	[4]
18	1	17	1	19	2	18	0	985.4327	0.0010	0.0019	[3]
18	2	17	1	19	1	18	0	985.43718	0.00010	-0.00013	[4]

11	3	8	1	11	6	5	0	985.58666	0.00010	-0.00012	[4]
18	3	15	1	19	4	16	0	985.78840	0.00030	-0.00015	[4]
6	2	5	1	6	5	2	0	985.95784	0.00010	-0.00012	[4]
9	3	7	1	10	4	6	0	986.11398	0.00010	0.00009	[4]
19	0	19	1	19	1	18	0	986.23240	0.00010	-0.00017	[4]
19	1	19	1	19	2	18	0	986.23240	0.00010	-0.00017	[4]
19	1	19	1	19	2	18	0	986.2325	0.0010	0.0003	[3]
9	5	5	1	10	6	4	0	986.64354	0.00010	0.00005	[4]
9	5	4	1	10	6	5	0	987.08510	0.00010	-0.00004	[4]
18	2	16	1	19	3	17	0	987.45352	0.00020	-0.00008	[4]
18	2	16	1	19	3	17	0	987.4540	0.0010	0.0004	[3]
18	3	16	1	19	2	17	0	987.6111	0.0010	-0.0001	[3]
18	3	16	1	19	2	17	0	987.61116	0.00020	-0.00009	[4]
18	4	15	1	19	3	16	0	987.97639	0.00030	0.00028	[4]
5	2	4	1	5	5	1	0	989.39504	0.00020	-0.00013	[4]
10	4	6	1	11	5	7	0	989.91022	0.00010	-0.00011	[4]
8	8	0	1	9	9	1	0	990.31109	0.00010	-0.00011	[4]
8	8	1	1	9	9	0	0	990.31109	0.00010	-0.00011	[4]
4	1	3	1	5	4	2	0	990.34158	0.00010	-0.00005	[4]
8	7	1	1	9	8	2	0	991.23761	0.00010	0.00001	[4]
8	7	2	1	9	8	1	0	991.23761	0.00010	0.00001	[4]
17	0	17	1	18	1	18	0	991.33950	0.00010	-0.00013	[4]
17	1	17	1	18	0	18	0	991.33950	0.00010	-0.00013	[4]
9	4	6	1	10	5	5	0	991.79350	0.00010	-0.00021	[4]
7	1	7	1	7	4	4	0	991.93441	0.00010	-0.00011	[4]
17	3	14	1	18	4	15	0	993.02751	0.00020	-0.00005	[4]
17	3	14	1	18	4	15	0	993.0280	0.0010	0.0004	[3]
8	6	2	1	9	7	3	0	993.96870	0.00010	-0.00011	[4]
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14	3	11	1	14	6	8	0	994.24871	0.00010	-0.00018	[4]
14	3	11	1	14	6	8	0	994.2491	0.0010	0.0002	[3]
13	3	10	1	13	6	7	0	995.09391	0.00020	-0.00017	[4]
13	3	10	1	13	6	7	0	995.0944	0.0010	0.0003	[3]
17	1	16	1	18	2	17	0	995.25523	0.00010	-0.00024	[4]
17	2	16	1	18	1	17	0	995.26817	0.00010	-0.00018	[4]
13	2	11	1	13	5	8	0	996.28940	0.00010	-0.00011	[4]
13	2	11	1	13	5	8	0	996.2899	0.0010	0.0004	[3]
17	2	15	1	18	3	16	0	996.34302	0.00010	0.00001	[4]
17	2	15	1	18	3	16	0	996.3439	0.0010	0.0009	[3]
17	3	15	1	18	2	16	0	996.63779	0.00010	0.00002	[4]
17	3	15	1	18	2	16	0	996.6386	0.0010	0.0008	[3]
17	4	14	1	18	3	15	0	996.82183	0.00020	-0.00006	[4]
17	4	14	1	18	3	15	0	996.8222	0.0010	0.0003	[3]
18	0	18	1	18	1	17	0	997.41929	0.00010	-0.00002	[4]
18	1	18	1	18	2	17	0	997.41929	0.00010	-0.00002	[4]
9	4	5	1	10	5	6	0	997.83470	0.00010	-0.00014	[4]
9	0	9	1	9	3	6	0	997.85332	0.00010	-0.00003	[4]
11	1	10	1	11	4	7	0	997.98386	0.00010	-0.00003	[4]
21	1	20	1	21	2	19	0	998.64890	0.00040	-0.00026	[4]
21	2	20	1	21	3	19	0	998.64890	0.00040	-0.00026	[4]
8	5	4	1	9	6	3	0	998.75758	0.00010	-0.00016	[4]
8	5	3	1	9	6	4	0	998.88924	0.00010	-0.00015	[4]
3	1	2	1	4	4	1	0	999.60864	0.00010	0.00003	[4]
16	3	13	1	17	4	14	0	999.61710	0.00010	-0.00010	[4]
16	3	13	1	17	4	14	0	999.6172	0.0020	0.0000	[3]
5	2	3	1	5	5	0	0	1001.81423	0.00020	-0.00011	[4]

16	0	16	1	17	1	17	0	1002.11355	0.00010	0.00005	[4]
16	1	16	1	17	0	17	0	1002.11355	0.00010	0.00005	[4]
7	7	0	1	8	8	1	0	1003.52320	0.00010	0.00003	[4]
7	7	1	1	8	8	0	0	1003.52320	0.00010	0.00003	[4]
16	1	15	1	17	2	16	0	1005.03264	0.00010	-0.00013	[4]
16	2	15	1	17	1	16	0	1005.05832	0.00010	0.00001	[4]
8	4	5	1	9	5	4	0	1005.07763	0.00010	-0.00005	[4]
16	2	14	1	17	3	15	0	1005.11740	0.00010	0.00038	[4]
15	3	12	1	16	4	13	0	1005.28522	0.00010	-0.00010	[4]
15	3	12	1	16	4	13	0	1005.2855	0.0010	0.0002	[3]
16	3	14	1	17	2	15	0	1005.66795	0.00010	0.00005	[4]
16	3	14	1	17	2	15	0	1005.6682	0.0010	0.0003	[3]
8	3	6	1	9	4	5	0	1006.06336	0.00010	-0.00017	[4]
16	4	13	1	17	3	14	0	1006.0966	0.0010	-0.0003	[3]
16	4	13	1	17	3	14	0	1006.09673	0.00010	-0.00013	[4]
5	0	5	1	6	3	4	0	1006.15188	0.00010	-0.00003	[4]
7	6	1	1	8	7	2	0	1006.19184	0.00010	-0.00002	[4]
7	6	2	1	8	7	1	0	1006.19184	0.00010	-0.00002	[4]
6	1	6	1	6	4	3	0	1006.38722	0.00010	-0.00010	[4]
6	2	4	1	6	5	1	0	1007.35093	0.00010	-0.00011	[4]
8	4	4	1	9	5	5	0	1007.57762	0.00010	-0.00017	[4]
17	0	17	1	17	1	16	0	1008.55459	0.00010	0.00009	[4]
17	1	17	1	17	2	16	0	1008.55459	0.00010	0.00009	[4]
20	1	19	1	20	2	18	0	1008.58851	0.00020	0.00101	[4]
14	3	11	1	15	4	12	0	1009.78333	0.00010	-0.00003	[4]
6	1	6	1	7	2	5	0	1010.40814	0.00010	-0.00017	[4]
12	2	10	1	12	5	7	0	1010.49201	0.00010	-0.00002	[4]
7	5	3	1	8	6	2	0	1010.91617	0.00010	-0.00016	[4]
7	5	2	1	8	6	3	0	1010.94747	0.00010	-0.00019	[4]
7	2	6	1	8	3	5	0	1011.97221	0.00010	-0.00004	[4]
15	0	15	1	16	1	16	0	1012.82053	0.00010	-0.00008	[4]
15	1	15	1	16	0	16	0	1012.82053	0.00010	-0.00008	[4]
13	3	10	1	14	4	11	0	1013.04108	0.00010	-0.00006	[4]
7	2	5	1	7	5	2	0	1013.31740	0.00010	-0.00003	[4]
15	2	13	1	16	3	14	0	1013.71479	0.00010	0.00004	[4]
15	3	13	1	16	2	14	0	1014.74000	0.00010	-0.00023	[4]
15	1	14	1	16	2	15	0	1014.75350	0.00010	-0.00006	[4]
15	2	14	1	16	1	15	0	1014.80436	0.00010	-0.00013	[4]
12	3	9	1	13	4	10	0	1015.31283	0.00010	-0.00017	[4]
15	4	12	1	16	3	13	0	1016.09150	0.00010	-0.00013	[4]
11	3	8	1	12	4	9	0	1017.16558	0.00010	-0.00032	[4]
7	4	4	1	8	5	3	0	1017.69371	0.00010	-0.00029	[4]
5	1	5	1	5	4	2	0	1018.03705	0.00010	-0.00009	[4]
6	6	0	1	7	7	1	0	1018.48273	0.00010	-0.00026	[4]
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19	2	18	1	19	3	17	0	1018.51163	0.00010	0.00029	[4]
19	2	18	1	19	3	17	0	1018.5118	0.0020	0.0005	[3]
19	1	18	1	19	2	17	0	1018.5418	0.0020	-0.0005	[3]
19	1	18	1	19	2	17	0	1018.54273	0.00020	0.00045	[4]
7	4	3	1	8	5	4	0	1018.56774	0.00010	-0.00027	[4]
8	2	6	1	8	5	3	0	1018.71409	0.00010	-0.00003	[4]
11	2	9	1	11	5	6	0	1019.22730	0.00010	-0.00011	[4]
10	3	7	1	11	4	8	0	1019.30740	0.00010	-0.00030	[4]
10	1	9	1	10	4	6	0	1019.44885	0.00010	-0.00022	[4]
16	1	16	1	16	2	15	0	1019.63494	0.00010	0.00011	[4]
16	0	16	1	16	1	15	0	1019.64511	0.00010	0.00008	[4]

14	2	12	1	15	3	13	0	1022.03549	0.00010	-0.00030	[4]
9	2	7	1	9	5	4	0	1022.34054	0.00010	-0.00005	[4]
9	3	6	1	10	4	7	0	1022.41907	0.00010	-0.00016	[4]
10	2	8	1	10	5	5	0	1022.90044	0.00010	-0.00006	[4]
7	3	5	1	8	4	4	0	1022.99424	0.00010	-0.00013	[4]
6	5	2	1	7	6	1	0	1023.14459	0.00010	0.00011	[4]
6	5	1	1	7	6	2	0	1023.14986	0.00010	0.00005	[4]
14	0	14	1	15	1	15	0	1023.45549	0.00010	-0.00031	[4]
14	1	14	1	15	0	15	0	1023.45819	0.00010	0.00008	[4]
14	3	12	1	15	2	13	0	1023.92854	0.00010	0.00004	[4]
14	1	13	1	15	2	14	0	1024.40521	0.00010	-0.00012	[4]
14	2	13	1	15	1	14	0	1024.50723	0.00010	-0.00005	[4]
8	0	8	1	8	3	5	0	1024.80691	0.00010	0.00001	[4]
4	0	4	1	5	3	3	0	1025.98180	0.00010	-0.00019	[4]
4	1	4	1	4	4	1	0	1027.04149	0.00020	-0.00021	[4]
8	3	5	1	9	4	6	0	1027.07593	0.00010	-0.00031	[4]
14	4	11	1	15	3	12	0	1027.20549	0.00010	-0.00008	[4]
14	4	11	1	15	3	12	0	1027.2058	0.0010	0.0002	[3]
18	2	17	1	18	3	16	0	1028.45929	0.00010	0.00008	[4]
18	2	17	1	18	3	16	0	1028.4602	0.0010	0.0010	[3]
18	1	17	1	18	2	16	0	1028.51878	0.00010	-0.00006	[4]
18	1	17	1	18	2	16	0	1028.5191	0.0010	0.0003	[3]
13	2	11	1	14	3	12	0	1029.92172	0.00010	0.00000	[4]
6	4	3	1	7	5	2	0	1030.03768	0.00010	-0.00014	[4]
6	4	2	1	7	5	3	0	1030.28298	0.00010	-0.00011	[4]
15	1	15	1	15	2	14	0	1030.66059	0.00010	0.00005	[4]
15	0	15	1	15	1	14	0	1030.68163	0.00010	0.00003	[4]
15	5	11	1	16	4	12	0	1033.34407	0.00010	-0.00016	[4]
15	5	11	1	16	4	12	0	1033.3449	0.0020	0.0007	[3]
13	3	11	1	14	2	12	0	1033.36365	0.00010	-0.00003	[4]
7	3	4	1	8	4	5	0	1033.68333	0.00010	-0.00023	[4]
13	1	12	1	14	2	13	0	1033.96857	0.00010	-0.00025	[4]
13	0	13	1	14	1	14	0	1034.01708	0.00010	-0.00054	[4]
13	1	13	1	14	0	14	0	1034.02216	0.00010	-0.00039	[4]
13	2	12	1	14	1	13	0	1034.17287	0.00010	-0.00020	[4]
5	5	0	1	6	6	1	0	1035.43439	0.00010	-0.00017	[4]
5	5	1	1	6	6	0	0	1035.43439	0.00010	-0.00017	[4]
6	2	5	1	7	3	4	0	1035.49152	0.00010	-0.00016	[4]
9	1	8	1	9	4	5	0	1035.78342	0.00010	-0.00012	[4]
12	2	10	1	13	3	11	0	1037.14748	0.00010	-0.00020	[4]
6	3	4	1	7	4	3	0	1037.72088	0.00010	-0.00020	[4]
17	2	16	1	17	3	15	0	1038.40628	0.00010	-0.00004	[4]
17	1	16	1	17	2	15	0	1038.52123	0.00010	-0.00015	[4]
17	1	16	1	17	2	15	0	1038.5222	0.0010	0.0008	[3]
20	2	18	1	20	3	17	0	1038.85809	0.00030	-0.00092	[4]
20	2	18	1	20	3	17	0	1038.8585	0.0010	-0.0005	[3]
5	1	5	1	6	2	4	0	1039.8433	0.0004	-0.0005	[5]
5	1	5	1	6	2	4	0	1039.84379	0.00010	-0.00005	[4]
13	4	10	1	14	3	11	0	1039.9016	0.0004	-0.0003	[5]
13	4	10	1	14	3	11	0	1039.90180	0.00010	-0.00010	[4]
14	1	14	1	14	2	13	0	1041.6255	0.0004	-0.0005	[5]
14	1	14	1	14	2	13	0	1041.62596	0.00010	-0.00003	[4]
14	0	14	1	14	1	13	0	1041.66952	0.00010	-0.00005	[4]
14	0	14	1	14	1	13	0	1041.6701	0.0004	0.0005	[5]
5	4	2	1	6	5	1	0	1042.3168	0.0004	-0.0001	[5]
5	4	2	1	6	5	1	0	1042.31681	0.00010	-0.00011	[4]

6	3	3	1	7	4	4	0	1042.33359	0.00010	-0.00013	[4]
6	3	3	1	7	4	4	0	1042.3337	0.0004	0.0000	[5]
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3	0	3	1	4	3	2	0	1043.0364	0.0004	-0.0005	[5]
3	0	3	1	4	3	2	0	1043.03684	0.00010	-0.00006	[4]
12	3	10	1	13	2	11	0	1043.2618	0.0004	-0.0004	[5]
12	3	10	1	13	2	11	0	1043.26205	0.00010	-0.00010	[4]
12	1	11	1	13	2	12	0	1043.4112	0.0004	-0.0005	[5]
12	1	11	1	13	2	12	0	1043.41152	0.00010	-0.00020	[4]
11	2	9	1	12	3	10	0	1043.4590	0.0004	-0.0003	[5]
11	2	9	1	12	3	10	0	1043.45924	0.00010	-0.00007	[4]
12	2	11	1	13	1	12	0	1043.81973	0.00010	-0.00008	[4]
12	2	11	1	13	1	12	0	1043.8199	0.0004	0.0001	[5]
12	0	12	1	13	1	13	0	1044.5010	0.0004	-0.0004	[5]
12	0	12	1	13	1	13	0	1044.50116	0.00010	-0.00028	[4]
12	1	12	1	13	0	13	0	1044.51169	0.00010	-0.00040	[4]
12	1	12	1	13	0	13	0	1044.5118	0.0004	-0.0003	[5]
8	1	7	1	8	4	4	0	1046.8978	0.0004	-0.0005	[5]
8	1	7	1	8	4	4	0	1046.89818	0.00010	-0.00014	[4]
7	0	7	1	7	3	4	0	1047.51104	0.00010	-0.00006	[4]
7	0	7	1	7	3	4	0	1047.5111	0.0004	0.0000	[5]
19	3	17	1	19	4	16	0	1047.63003	0.00020	-0.00049	[4]
19	3	17	1	19	4	16	0	1047.6313	0.0010	0.0008	[3]
19	2	17	1	19	3	16	0	1048.0915	0.0010	-0.0002	[3]
16	2	15	1	16	3	14	0	1048.34040	0.00010	0.00013	[4]
16	2	15	1	16	3	14	0	1048.3406	0.0004	0.0003	[5]
16	1	15	1	16	2	14	0	1048.56169	0.00010	-0.00015	[4]
16	1	15	1	16	2	14	0	1048.5619	0.0004	0.0001	[5]
10	2	8	1	11	3	9	0	1048.7001	0.0004	-0.0002	[5]
10	2	8	1	11	3	9	0	1048.70023	0.00010	-0.00009	[4]
5	3	3	1	6	4	2	0	1051.0992	0.0004	-0.0002	[5]
5	3	3	1	6	4	2	0	1051.09931	0.00010	-0.00005	[4]
14	5	10	1	15	4	11	0	1051.47843	0.00010	-0.00031	[4]
4	1	3	1	4	4	0	0	1052.0318	0.0004	-0.0005	[5]
4	1	3	1	4	4	0	0	1052.03215	0.00010	-0.00015	[4]
13	1	13	1	13	2	12	0	1052.52488	0.00010	-0.00011	[4]
13	1	13	1	13	2	12	0	1052.5251	0.0004	0.0001	[5]
13	0	13	1	13	1	12	0	1052.61491	0.00010	-0.00019	[4]
13	0	13	1	13	1	12	0	1052.6153	0.0004	0.0002	[5]
11	1	10	1	12	2	11	0	1052.6776	0.0004	-0.0003	[5]
11	1	10	1	12	2	11	0	1052.67777	0.00010	-0.00010	[4]
5	3	2	1	6	4	3	0	1052.7019	0.0004	-0.0005	[5]
5	3	2	1	6	4	3	0	1052.70231	0.00010	-0.00006	[4]
9	2	7	1	10	3	8	0	1052.99835	0.00010	-0.00017	[4]
9	2	7	1	10	3	8	0	1052.9985	0.0004	0.0000	[5]
7	1	6	1	7	4	3	0	1053.1730	0.0004	-0.0013	[5]
7	1	6	1	7	4	3	0	1053.17420	0.00010	-0.00012	[4]
11	2	10	1	12	1	11	0	1053.4869	0.0004	-0.0002	[5]
11	2	10	1	12	1	11	0	1053.48694	0.00010	-0.00016	[4]
11	3	9	1	12	2	10	0	1053.9487	0.0004	-0.0005	[5]
11	3	9	1	12	2	10	0	1053.94914	0.00010	-0.00007	[4]
12	4	9	1	13	3	10	0	1054.56334	0.00010	-0.00009	[4]
12	4	9	1	13	3	10	0	1054.5635	0.0004	0.0001	[5]
5	1	4	1	5	4	1	0	1054.57709	0.00010	-0.00014	[4]
4	4	0	1	5	5	1	0	1054.61731	0.00010	-0.00013	[4]

11	0	11	1	12	1	12	0	1054.9020	0.0004	-0.0004	[5]
11	0	11	1	12	1	12	0	1054.90224	0.00010	-0.00017	[4]
11	1	11	1	12	0	12	0	1054.9250	0.0004	-0.0005	[5]
11	1	11	1	12	0	12	0	1054.92536	0.00010	-0.00016	[4]
6	1	5	1	6	4	2	0	1055.3710	0.0004	-0.0003	[5]
6	1	5	1	6	4	2	0	1055.37121	0.00010	-0.00009	[4]
5	2	4	1	6	3	3	0	1055.4893	0.0004	-0.0007	[5]
5	2	4	1	6	3	3	0	1055.48984	0.00010	-0.00013	[4]
18	3	16	1	18	4	15	0	1056.64715	0.00020	-0.00030	[4]
18	3	16	1	18	4	15	0	1056.6478	0.0010	0.0003	[3]
8	2	6	1	9	3	7	0	1056.83309	0.00010	-0.00014	[4]
8	2	6	1	9	3	7	0	1056.8335	0.0004	0.0003	[5]
18	2	16	1	18	3	15	0	1057.47636	0.00010	-0.00039	[4]
18	2	16	1	18	3	15	0	1057.4769	0.0010	0.0001	[3]
2	0	2	1	3	3	1	0	1057.6912	0.0004	-0.0004	[5]
2	0	2	1	3	3	1	0	1057.69158	0.00010	-0.00006	[4]
21	4	18	1	21	5	17	0	1057.8192	0.0010	0.0030	[3]
15	2	14	1	15	3	13	0	1058.2405	0.0004	-0.0007	[5]
15	2	14	1	15	3	13	0	1058.24113	0.00010	-0.00007	[4]
15	1	14	1	15	2	13	0	1058.6649	0.0004	-0.0005	[5]
15	1	14	1	15	2	13	0	1058.66533	0.00010	-0.00010	[4]
7	2	5	1	8	3	6	0	1060.8727	0.0004	-0.0004	[5]
7	2	5	1	8	3	6	0	1060.87302	0.00010	-0.00012	[4]
8	3	5	1	7	6	2	0	1060.92727	0.00050	0.00034	[4]
10	1	9	1	11	2	10	0	1061.6703	0.0004	-0.0005	[5]
10	1	9	1	11	2	10	0	1061.67061	0.00010	-0.00015	[4]
10	2	9	1	11	1	10	0	1063.2526	0.0004	-0.0005	[5]
10	2	9	1	11	1	10	0	1063.25290	0.00010	-0.00016	[4]
12	1	12	1	12	2	11	0	1063.3462	0.0004	-0.0003	[5]
12	1	12	1	12	2	11	0	1063.34630	0.00010	-0.00017	[4]
12	0	12	1	12	1	11	0	1063.5316	0.0004	-0.0004	[5]
12	0	12	1	12	1	11	0	1063.53180	0.00010	-0.00017	[4]
4	3	2	1	5	4	1	0	1063.7906	0.0004	-0.0003	[5]
4	3	2	1	5	4	1	0	1063.79076	0.00010	-0.00011	[4]
4	3	1	1	5	4	2	0	1064.1972	0.0004	-0.0006	[5]
4	3	1	1	5	4	2	0	1064.19781	0.00010	-0.00002	[4]
10	0	10	1	11	1	11	0	1065.2131	0.0004	-0.0003	[5]
10	0	10	1	11	1	11	0	1065.21338	0.00010	-0.00003	[4]
10	1	10	1	11	0	11	0	1065.2632	0.0004	-0.0006	[5]
10	1	10	1	11	0	11	0	1065.26371	0.00010	-0.00006	[4]
6	0	6	1	6	3	3	0	1065.4308	0.0004	-0.0002	[5]
6	0	6	1	6	3	3	0	1065.43088	0.00010	-0.00009	[4]
17	3	15	1	17	4	14	0	1065.61073	0.00010	-0.00005	[4]
6	2	4	1	7	3	5	0	1065.7518	0.0004	-0.0004	[5]
6	2	4	1	7	3	5	0	1065.75201	0.00010	-0.00016	[4]
10	3	8	1	11	2	9	0	1065.8454	0.0004	-0.0005	[5]
10	3	8	1	11	2	9	0	1065.84584	0.00010	-0.00010	[4]
4	1	4	1	5	2	3	0	1066.4248	0.0004	-0.0002	[5]
4	1	4	1	5	2	3	0	1066.42499	0.00010	-0.00003	[4]
17	2	15	1	17	3	14	0	1067.08408	0.00010	-0.00025	[4]
17	2	15	1	17	3	14	0	1067.0847	0.0010	0.0004	[3]
7	2	6	1	6	5	1	0	1067.25387	0.00020	-0.00014	[4]
14	2	13	1	14	3	12	0	1068.0752	0.0004	-0.0006	[5]
14	2	13	1	14	3	12	0	1068.07573	0.00010	-0.00007	[4]
14	1	13	1	14	2	12	0	1068.8787	0.0004	-0.0005	[5]
14	1	13	1	14	2	12	0	1068.87910	0.00010	-0.00005	[4]

9	1	8	1	10	2	9	0	1070.2359	0.0004	-0.0004	[5]
9	1	8	1	10	2	9	0	1070.23618	0.00010	-0.00010	[4]
11	3	9	1	10	6	4	0	1070.35066	0.00040	-0.00054	[4]
11	2	10	1	10	5	5	0	1070.64485	0.00030	-0.00037	[4]
11	4	8	1	12	3	9	0	1071.2754	0.0004	-0.0004	[5]
11	4	8	1	12	3	9	0	1071.27569	0.00010	-0.00013	[4]
13	5	9	1	14	4	10	0	1071.3263	0.0004	-0.0005	[5]
13	5	9	1	14	4	10	0	1071.32675	0.00010	-0.00002	[4]
5	2	3	1	6	3	4	0	1071.9672	0.0004	-0.0005	[5]
5	2	3	1	6	3	4	0	1071.96753	0.00010	-0.00017	[4]
4	2	3	1	5	3	2	0	1072.3715	0.0004	-0.0002	[5]
4	2	3	1	5	3	2	0	1072.37154	0.00010	-0.00018	[4]
9	2	8	1	10	1	9	0	1073.25915	0.00010	-0.00020	[4]
9	2	8	1	10	1	9	0	1073.2592	0.0004	-0.0001	[5]
11	1	11	1	11	2	10	0	1074.0693	0.0004	-0.0005	[5]
11	1	11	1	11	2	10	0	1074.06961	0.00010	-0.00015	[4]
10	2	9	1	9	5	4	0	1074.41685	0.00030	-0.00044	[4]
11	0	11	1	11	1	10	0	1074.4475	0.0004	-0.0004	[5]
11	0	11	1	11	1	10	0	1074.44784	0.00010	-0.00006	[4]
9	2	8	1	8	5	3	0	1074.84364	0.00020	-0.00031	[4]
9	0	9	1	10	1	10	0	1075.4219	0.0004	-0.0007	[5]
9	0	9	1	10	1	10	0	1075.42247	0.00010	-0.00011	[4]
9	1	9	1	10	0	10	0	1075.5318	0.0004	-0.0004	[5]
9	1	9	1	10	0	10	0	1075.53212	0.00010	-0.00011	[4]
3	3	1	1	4	4	0	0	1076.2028	0.0004	-0.0008	[5]
3	3	1	1	4	4	0	0	1076.20355	0.00010	-0.00005	[4]
3	3	0	1	4	4	1	0	1076.2610	0.0004	-0.0006	[5]
3	3	0	1	4	4	1	0	1076.26160	0.00010	-0.00003	[4]
16	2	14	1	16	3	13	0	1077.0197	0.0004	0.0000	[5]
16	2	14	1	16	3	13	0	1077.01971	0.00010	-0.00001	[4]
13	2	12	1	13	3	11	0	1077.7878	0.0004	-0.0005	[5]
13	2	12	1	13	3	11	0	1077.78823	0.00010	-0.00004	[4]
8	1	7	1	9	2	8	0	1078.1677	0.0004	-0.0004	[5]
8	1	7	1	9	2	8	0	1078.16803	0.00010	-0.00009	[4]
7	1	7	1	6	4	2	0	1078.42425	0.00010	-0.00016	[4]
5	0	5	1	5	3	2	0	1078.5299	0.0004	-0.0007	[5]
5	0	5	1	5	3	2	0	1078.53044	0.00010	-0.00013	[4]
13	1	12	1	13	2	11	0	1079.2815	0.0004	-0.0009	[5]
13	1	12	1	13	2	11	0	1079.28230	0.00010	-0.00006	[4]
9	3	7	1	10	2	8	0	1079.3612	0.0004	-0.0004	[5]
9	3	7	1	10	2	8	0	1079.36143	0.00010	-0.00018	[4]
5	1	5	1	4	4	0	0	1079.72791	0.00030	0.00011	[4]
4	2	2	1	5	3	3	0	1079.8620	0.0004	-0.0008	[5]
4	2	2	1	5	3	3	0	1079.86266	0.00010	-0.00010	[4]
16	4	13	1	15	7	8	0	1080.2793	0.0010	0.0024	[3]
18	4	15	1	18	5	14	0	1081.6880	0.0010	0.0000	[3]
15	3	13	1	15	4	12	0	1083.0623	0.0004	-0.0005	[5]
15	3	13	1	15	4	12	0	1083.06267	0.00010	-0.00011	[4]
8	2	7	1	9	1	8	0	1083.7394	0.0004	-0.0005	[5]
8	2	7	1	9	1	8	0	1083.73973	0.00010	-0.00016	[4]
10	1	10	1	10	2	9	0	1084.6562	0.0004	-0.0003	[5]
10	1	10	1	10	2	9	0	1084.65635	0.00010	-0.00016	[4]
7	1	6	1	8	2	7	0	1085.2887	0.0004	-0.0004	[5]
7	1	6	1	8	2	7	0	1085.28900	0.00010	-0.00011	[4]
10	0	10	1	10	1	9	0	1085.4138	0.0004	-0.0005	[5]
10	0	10	1	10	1	9	0	1085.41421	0.00010	-0.00011	[4]

8	0	8	1	9	1	9	0	1085.5077	0.0004	-0.0005	[5]
8	0	8	1	9	1	9	0	1085.50817	0.00010	0.00002	[4]
8	1	8	1	9	0	9	0	1085.7450	0.0004	-0.0007	[5]
8	1	8	1	9	0	9	0	1085.74563	0.00010	-0.00002	[4]
3	2	2	1	4	3	1	0	1086.9715	0.0004	-0.0007	[5]
3	2	2	1	4	3	1	0	1086.97217	0.00010	-0.00004	[4]
4	0	4	1	4	3	1	0	1087.2354	0.0004	-0.0005	[5]
4	0	4	1	4	3	1	0	1087.23587	0.00010	-0.00008	[4]
12	2	11	1	12	3	10	0	1087.2890	0.0004	-0.0002	[5]
12	2	11	1	12	3	10	0	1087.28905	0.00010	-0.00011	[4]
15	2	13	1	15	3	12	0	1087.4130	0.0004	-0.0007	[5]
15	2	13	1	15	3	12	0	1087.41400	0.00010	0.00033	[4]
18	3	15	1	18	4	14	0	1088.2521	0.0010	-0.0008	[3]
17	4	14	1	17	5	13	0	1089.0183	0.0010	0.0007	[3]
3	2	1	1	4	3	2	0	1089.5396	0.0004	-0.0006	[5]
3	2	1	1	4	3	2	0	1089.54006	0.00010	-0.00009	[4]
3	1	3	1	4	2	2	0	1089.6207	0.0004	-0.0006	[5]
3	1	3	1	4	2	2	0	1089.62117	0.00010	-0.00011	[4]
10	4	7	1	11	3	8	0	1089.7024	0.0004	-0.0009	[5]
10	4	7	1	11	3	8	0	1089.70313	0.00010	-0.00019	[4]
12	1	11	1	12	2	10	0	1089.9902	0.0004	-0.0004	[5]
12	1	11	1	12	2	10	0	1089.99047	0.00010	-0.00016	[4]
14	3	12	1	14	4	11	0	1091.3021	0.0004	-0.0007	[5]
14	3	12	1	14	4	11	0	1091.30281	0.00010	0.00003	[4]
6	1	5	1	7	2	6	0	1091.6360	0.0004	-0.0008	[5]
6	1	5	1	7	2	6	0	1091.63677	0.00010	-0.00008	[4]
12	5	8	1	13	4	9	0	1092.1697	0.0004	-0.0007	[5]
12	5	8	1	13	4	9	0	1092.17025	0.00010	-0.00014	[4]
3	0	3	1	3	3	0	0	1092.2597	0.0004	-0.0006	[5]
3	0	3	1	3	3	0	0	1092.26020	0.00010	-0.00011	[4]
8	3	6	1	9	2	7	0	1094.6716	0.0004	-0.0004	[5]
8	3	6	1	9	2	7	0	1094.67188	0.00010	-0.00015	[4]
7	2	6	1	8	1	7	0	1095.03077	0.00010	-0.00006	[4]
9	1	9	1	9	2	8	0	1095.03877	0.00010	-0.00004	[4]
7	0	7	1	8	1	8	0	1095.4285	0.0004	-0.0006	[5]
7	0	7	1	8	1	8	0	1095.42904	0.00010	-0.00005	[4]
16	4	13	1	16	5	12	0	1095.7689	0.0010	0.00003	[3]
7	1	7	1	8	0	8	0	1095.9371	0.0004	-0.0003	[5]
7	1	7	1	8	0	8	0	1095.93735	0.00010	-0.00004	[4]
13	0	13	1	12	3	10	0	1096.08407	0.00020	-0.00037	[4]
11	2	10	1	11	3	9	0	1096.4447	0.0004	-0.0003	[5]
11	2	10	1	11	3	9	0	1096.44493	0.00010	-0.00011	[4]
9	0	9	1	9	1	8	0	1096.5160	0.0004	-0.0004	[5]
9	0	9	1	9	1	8	0	1096.51627	0.00010	-0.00011	[4]
5	1	4	1	6	2	5	0	1097.6065	0.0004	-0.0005	[5]
5	1	4	1	6	2	5	0	1097.60689	0.00010	-0.00009	[4]
14	2	12	1	14	3	11	0	1098.3612	0.0004	-0.0007	[5]
14	2	12	1	14	3	11	0	1098.36187	0.00010	-0.00006	[4]
13	3	11	1	13	4	10	0	1098.9885	0.0004	-0.0003	[5]
13	3	11	1	13	4	10	0	1098.98880	0.00010	-0.00004	[4]
17	3	14	1	17	4	13	0	1099.0347	0.0010	0.0004	[3]
18	5	14	1	18	6	13	0	1099.8461	0.0010	0.0001	[3]
2	2	1	1	3	3	0	0	1100.19159	0.00010	-0.00005	[4]
2	2	1	1	3	3	0	0	1100.1917	0.0004	0.0001	[5]
14	6	9	1	15	5	10	0	1100.43888	0.00020	0.00023	[4]
2	2	0	1	3	3	1	0	1100.70379	0.00010	-0.00006	[4]

2	2	0	1	3	3	1	0	1100.7038	0.0004	-0.0001	[5]
11	1	10	1	11	2	9	0	1101.1248	0.0004	-0.0005	[5]
11	1	10	1	11	2	9	0	1101.12509	0.00010	-0.00017	[4]
10	3	7	1	9	6	4	0	1101.61755	0.00020	-0.00042	[4]
15	4	12	1	15	5	11	0	1101.7593	0.0004	-0.0003	[5]
15	4	12	1	15	5	11	0	1101.75947	0.00010	-0.00010	[4]
9	8	1	1	9	9	0	0	1101.9570	0.0004	-0.0001	[5]
9	8	2	1	9	9	1	0	1101.9570	0.0004	-0.0001	[5]
9	8	1	1	9	9	0	0	1101.95713	0.00010	0.00003	[4]
9	8	2	1	9	9	1	0	1101.95713	0.00010	0.00003	[4]
10	8	2	1	10	9	1	0	1101.9848	0.0004	-0.0008	[5]
10	8	3	1	10	9	2	0	1101.9848	0.0004	-0.0008	[5]
10	8	2	1	10	9	1	0	1101.98549	0.00010	-0.00010	[4]
10	8	3	1	10	9	2	0	1101.98549	0.00010	-0.00010	[4]
11	8	3	1	11	9	2	0	1102.0519	0.0004	-0.0007	[5]
11	8	4	1	11	9	3	0	1102.0519	0.0004	-0.0007	[5]
11	8	3	1	11	9	2	0	1102.05257	0.00010	-0.00003	[4]
11	8	4	1	11	9	3	0	1102.05257	0.00010	-0.00003	[4]
12	8	4	1	12	9	3	0	1102.16754	0.00010	-0.00012	[4]
12	8	5	1	12	9	4	0	1102.16754	0.00010	-0.00012	[4]
13	8	5	1	13	9	4	0	1102.33950	0.00010	-0.00026	[4]
13	8	6	1	13	9	5	0	1102.33950	0.00010	-0.00026	[4]
14	8	7	1	14	9	6	0	1102.5764	0.0010	-0.0003	[3]
14	8	7	1	14	9	6	0	1102.57648	0.00010	-0.00021	[4]
14	8	6	1	14	9	5	0	1102.5879	0.0004	-0.0002	[5]
14	8	6	1	14	9	5	0	1102.58797	0.00010	-0.00013	[4]
8	7	1	1	8	8	0	0	1102.6113	0.0004	-0.0006	[5]
8	7	1	1	8	8	0	0	1102.61175	0.00010	-0.00010	[4]
8	7	2	1	8	8	1	0	1102.61175	0.00010	-0.00010	[4]
9	7	2	1	9	8	1	0	1102.6893	0.0004	-0.0006	[5]
9	7	3	1	9	8	2	0	1102.6893	0.0004	-0.0006	[5]
9	7	2	1	9	8	1	0	1102.68965	0.00010	-0.00016	[4]
9	7	3	1	9	8	2	0	1102.68965	0.00010	-0.00016	[4]
10	7	3	1	10	8	2	0	1102.8267	0.0004	0.0000	[5]
10	7	4	1	10	8	3	0	1102.8267	0.0004	0.0000	[5]
10	7	3	1	10	8	2	0	1102.82696	0.00010	-0.00005	[4]
10	7	4	1	10	8	3	0	1102.82696	0.00010	-0.00005	[4]
10	9	1	1	10	10	0	0	1102.8722	0.0004	-0.0004	[5]
10	9	2	1	10	10	1	0	1102.8722	0.0004	-0.0004	[5]
10	9	1	1	10	10	0	0	1102.87272	0.00010	0.00017	[4]
10	9	2	1	10	10	1	0	1102.87272	0.00010	0.00017	[4]
15	8	8	1	15	9	7	0	1102.8894	0.0010	-0.0004	[3]
13	9	5	1	13	10	4	0	1102.8945	0.0004	-0.0016	[5]
13	9	4	1	13	10	3	0	1102.89581	0.00010	-0.00035	[4]
13	9	5	1	13	10	4	0	1102.89581	0.00010	-0.00035	[4]
15	8	7	1	15	9	6	0	1102.9227	0.0010	-0.0004	[3]
14	9	5	1	14	10	4	0	1102.96610	0.00010	0.00007	[4]
14	9	6	1	14	10	5	0	1102.96610	0.00010	0.00007	[4]
14	9	5	1	14	10	4	0	1102.9667	0.0010	0.0005	[3]
11	7	5	1	11	8	4	0	1103.03417	0.00010	0.00005	[4]
11	7	5	1	11	8	4	0	1103.0344	0.0004	0.0003	[5]
11	7	4	1	11	8	3	0	1103.0409	0.0020	-0.0004	[3]
16	9	7	1	16	10	6	0	1103.2364	0.0010	-0.0015	[3]
12	7	6	1	12	8	5	0	1103.3273	0.0004	-0.0005	[5]
12	7	6	1	12	8	5	0	1103.32770	0.00010	-0.00011	[4]
12	7	5	1	12	8	4	0	1103.3525	0.0004	-0.0003	[5]

12	7	5	1	12	8	4	0	1103.35269	0.00010	-0.00010	[4]
16	8	8	1	16	9	7	0	1103.3705	0.0010	-0.0006	[3]
13	7	7	1	13	8	6	0	1103.7166	0.0004	-0.0006	[5]
13	7	7	1	13	8	6	0	1103.71711	0.00010	-0.00007	[4]
17	8	10	1	17	9	9	0	1103.7586	0.0010	0.0010	[3]
13	7	6	1	13	8	5	0	1103.79242	0.00010	0.00028	[4]
4	1	3	1	5	2	4	0	1103.8272	0.0004	-0.0008	[5]
4	1	3	1	5	2	4	0	1103.82794	0.00010	-0.00001	[4]
17	5	13	1	17	6	12	0	1104.0551	0.0010	0.0002	[3]
14	7	8	1	14	8	7	0	1104.2046	0.0004	-0.0005	[5]
14	7	8	1	14	8	7	0	1104.20511	0.00010	0.00004	[4]
14	7	7	1	14	8	6	0	1104.4049	0.0004	-0.0002	[5]
14	7	7	1	14	8	6	0	1104.40509	0.00010	-0.00003	[4]
15	7	9	1	15	8	8	0	1104.7813	0.0004	0.0009	[5]
13	10	3	1	13	11	2	0	1105.02101	0.00010	-0.00042	[4]
13	10	4	1	13	11	3	0	1105.02101	0.00010	-0.00042	[4]
13	10	4	1	13	11	3	0	1105.0231	0.0010	0.0017	[3]
6	0	6	1	7	1	7	0	1105.11087	0.00010	0.00000	[4]
8	6	2	1	8	7	1	0	1105.21074	0.00010	-0.00009	[4]
8	6	3	1	8	7	2	0	1105.21074	0.00010	-0.00009	[4]
15	7	8	1	15	8	7	0	1105.2625	0.0004	-0.0007	[5]
16	7	10	1	16	8	9	0	1105.4114	0.0010	0.0010	[3]
9	6	4	1	9	7	3	0	1105.4263	0.0004	-0.0006	[5]
9	6	4	1	9	7	3	0	1105.42684	0.00010	-0.00002	[4]
9	6	3	1	9	7	2	0	1105.4407	0.0004	-0.0005	[5]
9	6	3	1	9	7	2	0	1105.44118	0.00010	0.00000	[4]
10	6	5	1	10	7	4	0	1105.7449	0.0004	-0.0005	[5]
10	6	5	1	10	7	4	0	1105.74543	0.00010	0.00003	[4]
10	6	4	1	10	7	3	0	1105.7979	0.0004	-0.0005	[5]
10	6	4	1	10	7	3	0	1105.79834	0.00010	-0.00002	[4]
12	3	10	1	12	4	9	0	1105.9171	0.0004	-0.0005	[5]
12	3	10	1	12	4	9	0	1105.91746	0.00010	-0.00011	[4]
17	7	11	1	17	8	10	0	1106.0329	0.0010	0.0002	[3]
6	1	6	1	7	0	7	0	1106.1747	0.0004	-0.0010	[5]
6	1	6	1	7	0	7	0	1106.17551	0.00010	-0.00015	[4]
11	6	5	1	11	7	4	0	1106.3369	0.0004	-0.0004	[5]
11	6	5	1	11	7	4	0	1106.33722	0.00010	-0.00006	[4]
16	7	9	1	16	8	8	0	1106.4764	0.0010	0.0002	[3]
12	0	12	1	11	3	9	0	1106.48985	0.00010	-0.00005	[4]
12	6	7	1	12	7	6	0	1106.7003	0.0004	-0.0005	[5]
12	6	7	1	12	7	6	0	1106.70073	0.00010	-0.00004	[4]
14	4	11	1	14	5	10	0	1106.8275	0.0004	-0.0005	[5]
14	4	11	1	14	5	10	0	1106.82795	0.00010	-0.00007	[4]
12	6	6	1	12	7	5	0	1107.1437	0.0004	-0.0004	[5]
12	6	6	1	12	7	5	0	1107.14405	0.00010	-0.00010	[4]
13	6	8	1	13	7	7	0	1107.2915	0.0004	-0.0002	[5]
13	6	8	1	13	7	7	0	1107.29162	0.00010	-0.00010	[4]
16	5	12	1	16	6	11	0	1107.3073	0.0010	0.0001	[3]
6	2	5	1	7	1	6	0	1107.5046	0.0004	-0.0005	[5]
6	2	5	1	7	1	6	0	1107.50498	0.00010	-0.00009	[4]
8	0	8	1	8	1	7	0	1107.8649	0.0004	-0.0006	[5]
8	0	8	1	8	1	7	0	1107.86540	0.00010	-0.00008	[4]
17	6	12	1	17	7	11	0	1108.1636	0.0010	0.0003	[3]
15	6	10	1	15	7	9	0	1108.31510	0.00010	0.00030	[4]
13	6	7	1	13	7	6	0	1108.35461	0.00010	-0.00042	[4]
13	11	3	1	13	12	2	0	1108.4339	0.0020	0.0007	[3]

16	6	11	1	16	7	10	0	1108.4713	0.0010	0.0002	[3]
9	4	6	1	10	3	7	0	1109.1841	0.0004	-0.0004	[5]
9	4	6	1	10	3	7	0	1109.18440	0.00010	-0.00007	[4]
2	1	2	1	3	2	1	0	1109.2530	0.0004	-0.0005	[5]
2	1	2	1	3	2	1	0	1109.25346	0.00010	0.00000	[4]
6	5	2	1	6	6	1	0	1109.58777	0.00010	-0.00030	[4]
6	5	1	1	6	6	0	0	1109.59287	0.00010	0.00014	[4]
13	2	11	1	13	3	10	0	1109.77605	0.00010	0.00011	[4]
7	5	3	1	7	6	2	0	1109.7853	0.0004	-0.0003	[5]
7	5	3	1	7	6	2	0	1109.78550	0.00010	-0.00014	[4]
7	5	2	1	7	6	1	0	1109.8117	0.0004	-0.0005	[5]
7	5	2	1	7	6	1	0	1109.81209	0.00010	-0.00006	[4]
14	6	8	1	14	7	7	0	1110.16840	0.00010	-0.00012	[4]
14	6	8	1	14	7	7	0	1110.1685	0.0004	0.0000	[5]
16	3	13	1	16	4	12	0	1110.1843	0.0010	0.0023	[3]
8	5	3	1	8	6	2	0	1110.1963	0.0004	-0.0003	[5]
8	5	3	1	8	6	2	0	1110.19652	0.00010	-0.00010	[4]
9	5	5	1	9	6	4	0	1110.4955	0.0004	-0.0004	[5]
9	5	5	1	9	6	4	0	1110.49583	0.00010	-0.00012	[4]
9	5	4	1	9	6	3	0	1110.8434	0.0004	-0.0002	[5]
9	5	4	1	9	6	3	0	1110.84342	0.00010	-0.00015	[4]
13	4	10	1	13	5	9	0	1110.8602	0.0004	-0.0001	[5]
13	4	10	1	13	5	9	0	1110.86053	0.00010	0.00020	[4]
3	1	2	1	4	2	3	0	1110.8725	0.0004	-0.0004	[5]
3	1	2	1	4	2	3	0	1110.87288	0.00010	0.00002	[4]
10	5	6	1	10	6	5	0	1110.9682	0.0004	-0.0005	[5]
10	5	6	1	10	6	5	0	1110.96864	0.00010	-0.00005	[4]
14	5	10	1	14	6	9	0	1110.9880	0.0004	-0.0009	[5]
14	5	10	1	14	6	9	0	1110.98872	0.00010	-0.00017	[4]
11	5	7	1	11	6	6	0	1111.4182	0.0004	-0.0005	[5]
11	5	7	1	11	6	6	0	1111.41855	0.00010	-0.00017	[4]
7	3	5	1	8	2	6	0	1111.5319	0.0004	-0.0004	[5]
7	3	5	1	8	2	6	0	1111.53222	0.00010	-0.00010	[4]
13	5	9	1	13	6	8	0	1111.6269	0.0004	-0.0006	[5]
13	5	9	1	13	6	8	0	1111.62733	0.00010	-0.00017	[4]
12	5	8	1	12	6	7	0	1111.7010	0.0004	-0.0005	[5]
12	5	8	1	12	6	7	0	1111.70140	0.00010	-0.00014	[4]
12	1	12	1	11	2	9	0	1111.79377	0.00010	-0.00009	[4]
11	3	9	1	11	4	8	0	1111.8930	0.0004	-0.0004	[5]
11	3	9	1	11	4	8	0	1111.89345	0.00010	0.00007	[4]
10	5	5	1	10	6	4	0	1111.9123	0.0004	-0.0005	[5]
10	5	5	1	10	6	4	0	1111.91273	0.00010	-0.00005	[4]
10	1	9	1	10	2	8	0	1112.69674	0.00010	-0.00005	[4]
15	6	9	1	15	7	8	0	1112.8314	0.0010	0.0006	[3]
9	2	8	1	9	3	7	0	1112.9627	0.0004	-0.0004	[5]
9	2	8	1	9	3	7	0	1112.96304	0.00010	-0.00002	[4]
11	5	7	1	12	4	8	0	1113.1777	0.0004	-0.0005	[5]
11	5	7	1	12	4	8	0	1113.17824	0.00010	0.00002	[4]
11	5	6	1	11	6	5	0	1113.6427	0.0004	-0.0005	[5]
11	5	6	1	11	6	5	0	1113.64327	0.00010	0.00003	[4]
12	4	9	1	12	5	8	0	1113.8178	0.0004	-0.0005	[5]
12	4	9	1	12	5	8	0	1113.81827	0.00010	-0.00007	[4]
5	0	5	1	6	1	6	0	1114.4343	0.0004	-0.0006	[5]
5	0	5	1	6	1	6	0	1114.43491	0.00010	0.00001	[4]
7	1	7	1	7	2	6	0	1114.6895	0.0004	-0.0005	[5]
7	1	7	1	7	2	6	0	1114.68993	0.00010	-0.00004	[4]

11	4	8	1	11	5	7	0	1115.7541	0.0004	-0.0004	[5]
11	4	8	1	11	5	7	0	1115.75443	0.00010	-0.00008	[4]
11	0	11	1	10	3	8	0	1116.2698	0.0004	-0.0003	[5]
11	0	11	1	10	3	8	0	1116.26993	0.00010	-0.00014	[4]
12	5	7	1	12	6	6	0	1116.3261	0.0004	-0.0006	[5]
12	5	7	1	12	6	6	0	1116.32667	0.00010	0.00001	[4]
5	4	2	1	5	5	1	0	1116.3743	0.0004	-0.0009	[5]
5	4	2	1	5	5	1	0	1116.37498	0.00010	-0.00022	[4]
5	4	1	1	5	5	0	0	1116.4180	0.0004	-0.0005	[5]
5	4	1	1	5	5	0	0	1116.41835	0.00010	-0.00014	[4]
16	6	10	1	16	7	9	0	1116.5569	0.0020	0.0014	[3]
5	1	5	1	6	0	6	0	1116.5865	0.0004	-0.0007	[5]
5	1	5	1	6	0	6	0	1116.58720	0.00010	0.00000	[4]
6	4	3	1	6	5	2	0	1116.6081	0.0004	-0.0003	[5]
6	4	3	1	6	5	2	0	1116.60835	0.00010	-0.00006	[4]
10	3	8	1	10	4	7	0	1116.7651	0.0004	-0.0004	[5]
10	3	8	1	10	4	7	0	1116.76553	0.00010	0.00000	[4]
7	4	4	1	7	5	3	0	1116.8988	0.0004	-0.0004	[5]
7	4	4	1	7	5	3	0	1116.89919	0.00010	-0.00006	[4]
8	4	5	1	8	5	4	0	1117.1508	0.0004	-0.0005	[5]
8	4	5	1	8	5	4	0	1117.15120	0.00010	-0.00006	[4]
9	4	6	1	9	5	5	0	1117.1956	0.0004	-0.0005	[5]
9	4	6	1	9	5	5	0	1117.19602	0.00010	-0.00008	[4]
7	4	3	1	7	5	2	0	1117.5983	0.0004	-0.0003	[5]
7	4	3	1	7	5	2	0	1117.59853	0.00010	-0.00005	[4]
8	2	6	1	7	5	3	0	1117.91930	0.00010	-0.00007	[4]
8	4	4	1	8	5	3	0	1119.0505	0.0004	-0.0005	[5]
8	4	4	1	8	5	3	0	1119.05091	0.00010	-0.00007	[4]
2	1	1	1	3	2	2	0	1119.0986	0.0004	-0.0006	[5]
2	1	1	1	3	2	2	0	1119.09926	0.00010	0.00002	[4]
7	0	7	1	7	1	6	0	1119.5241	0.0004	-0.0004	[5]
7	0	7	1	7	1	6	0	1119.52442	0.00010	-0.00006	[4]
8	2	7	1	8	3	6	0	1119.8849	0.0004	-0.0005	[5]
8	2	7	1	8	3	6	0	1119.88538	0.00010	-0.00003	[4]
13	5	8	1	13	6	7	0	1120.1817	0.0004	-0.0004	[5]
13	5	8	1	13	6	7	0	1120.18212	0.00010	0.00001	[4]
9	3	7	1	9	4	6	0	1120.4623	0.0004	-0.0004	[5]
9	3	7	1	9	4	6	0	1120.46263	0.00010	-0.00007	[4]
15	3	12	1	15	4	11	0	1121.0675	0.0004	-0.0006	[5]
15	3	12	1	15	4	11	0	1121.06808	0.00010	-0.00003	[4]
12	2	10	1	12	3	9	0	1121.1869	0.0004	-0.0005	[5]
12	2	10	1	12	3	9	0	1121.18730	0.00010	-0.00013	[4]
5	2	4	1	6	1	5	0	1121.3714	0.0004	-0.0006	[5]
5	2	4	1	6	1	5	0	1121.37199	0.00010	-0.00003	[4]
13	6	8	1	14	5	9	0	1121.40114	0.00010	0.00058	[4]
9	4	5	1	9	5	4	0	1121.5106	0.0004	-0.0004	[5]
9	4	5	1	9	5	4	0	1121.51096	0.00010	-0.00005	[4]
11	3	8	1	10	6	5	0	1122.07380	0.00030	-0.00017	[4]
8	3	6	1	8	4	5	0	1123.0148	0.0004	-0.0006	[5]
8	3	6	1	8	4	5	0	1123.01534	0.00010	-0.00003	[4]
4	0	4	1	5	1	5	0	1123.2688	0.0004	-0.0006	[5]
4	0	4	1	5	1	5	0	1123.26947	0.00010	0.00002	[4]
18	4	14	1	18	5	13	0	1123.3349	0.0010	-0.0008	[3]
6	1	6	1	6	2	5	0	1123.5764	0.0004	-0.0005	[5]
6	1	6	1	6	2	5	0	1123.57690	0.00010	0.00004	[4]
9	1	8	1	9	2	7	0	1124.3916	0.0004	-0.0004	[5]

9	1	8	1	9	2	7	0	1124.39203	0.00010	-0.00001	[4]
7	3	5	1	7	4	4	0	1124.5590	0.0004	-0.0005	[5]
7	3	5	1	7	4	4	0	1124.55950	0.00010	-0.00003	[4]
11	1	11	1	10	2	8	0	1125.0953	0.0004	-0.0005	[5]
11	1	11	1	10	2	8	0	1125.09567	0.00010	-0.00013	[4]
10	0	10	1	9	3	7	0	1125.11820	0.00010	0.00017	[4]
14	5	9	1	14	6	8	0	1125.1243	0.0004	-0.0012	[5]
14	5	9	1	14	6	8	0	1125.12529	0.00010	-0.00021	[4]
10	4	6	1	10	5	5	0	1125.2031	0.0004	-0.0003	[5]
10	4	6	1	10	5	5	0	1125.20338	0.00010	0.00000	[4]
6	3	4	1	6	4	3	0	1125.3176	0.0004	-0.0005	[5]
6	3	4	1	6	4	3	0	1125.31810	0.00010	0.00001	[4]
4	3	2	1	4	4	1	0	1125.5387	0.0004	-0.0005	[5]
5	3	3	1	5	4	2	0	1125.5588	0.0004	-0.0004	[5]
5	3	3	1	5	4	2	0	1125.55922	0.00010	0.00000	[4]
1	1	1	1	2	2	0	0	1125.65086	0.00010	-0.00018	[4]
7	2	6	1	7	3	5	0	1125.65515	0.00010	0.00001	[4]
4	3	1	1	4	4	0	0	1125.8881	0.0004	-0.0004	[5]
4	3	1	1	4	4	0	0	1125.88850	0.00010	0.00000	[4]
5	3	2	1	5	4	1	0	1126.8618	0.0004	-0.0004	[5]
5	3	2	1	5	4	1	0	1126.86206	0.00010	-0.00010	[4]
4	1	4	1	5	0	5	0	1127.3778	0.0004	-0.0006	[5]
4	1	4	1	5	0	5	0	1127.37847	0.00010	0.00004	[4]
1	1	0	1	2	2	1	0	1128.6612	0.0004	-0.0004	[5]
1	1	0	1	2	2	1	0	1128.66157	0.00010	-0.00002	[4]
6	3	3	1	6	4	2	0	1128.8232	0.0004	-0.0004	[5]
6	3	3	1	6	4	2	0	1128.82359	0.00010	-0.00003	[4]
8	4	5	1	9	3	6	0	1128.9287	0.0004	-0.0003	[5]
8	4	5	1	9	3	6	0	1128.92895	0.00010	-0.00003	[4]
6	3	4	1	7	2	5	0	1129.3387	0.0004	-0.0004	[5]
6	3	4	1	7	2	5	0	1129.33912	0.00010	0.00004	[4]
6	1	5	1	5	4	2	0	1129.8307	0.0004	-0.0005	[5]
6	1	5	1	5	4	2	0	1129.83106	0.00010	-0.00010	[4]
11	4	7	1	11	5	6	0	1129.9421	0.0004	-0.0004	[5]
11	4	7	1	11	5	6	0	1129.94251	0.00010	-0.00003	[4]
6	2	5	1	6	3	4	0	1130.1625	0.0004	-0.0006	[5]
6	2	5	1	6	3	4	0	1130.16311	0.00010	0.00001	[4]
14	3	11	1	14	4	10	0	1130.7371	0.0004	-0.0004	[5]
14	3	11	1	14	4	10	0	1130.73751	0.00010	0.00002	[4]
6	0	6	1	6	1	5	0	1131.3125	0.0004	-0.0005	[5]
6	0	6	1	6	1	5	0	1131.31301	0.00010	0.00000	[4]
5	1	5	1	5	2	4	0	1131.5229	0.0004	-0.0006	[5]
5	1	5	1	5	2	4	0	1131.52351	0.00010	0.00005	[4]
3	0	3	1	4	1	4	0	1131.6106	0.0004	-0.0005	[5]
3	0	3	1	4	1	4	0	1131.61116	0.00010	0.00005	[4]
11	2	9	1	11	3	8	0	1131.7049	0.0004	-0.0004	[5]
11	2	9	1	11	3	8	0	1131.70541	0.00010	0.00008	[4]
17	4	13	1	17	5	12	0	1131.8172	0.0010	0.0004	[3]
7	3	4	1	7	4	3	0	1132.0211	0.0004	-0.0004	[5]
7	3	4	1	7	4	3	0	1132.02153	0.00010	-0.00002	[4]
9	0	9	1	8	3	6	0	1132.6616	0.0004	-0.0003	[5]
9	0	9	1	8	3	6	0	1132.66187	0.00010	-0.00004	[4]
5	2	4	1	5	3	3	0	1133.4057	0.0004	-0.0006	[5]
5	2	4	1	5	3	3	0	1133.40626	0.00010	0.00000	[4]
10	5	6	1	11	4	7	0	1133.5172	0.0004	-0.0005	[5]
10	5	6	1	11	4	7	0	1133.51769	0.00010	-0.00003	[4]

14	6	8	1	15	5	11	0	1134.29254	0.00020	-0.00006	[4]
9	2	7	1	8	5	4	0	1134.41404	0.00010	-0.00012	[4]
9	2	7	1	8	5	4	0	1134.4142	0.0004	0.0000	[5]
14	1	13	1	13	4	10	0	1134.50427	0.00010	-0.00003	[4]
12	4	8	1	12	5	7	0	1134.9704	0.0004	-0.0005	[5]
12	4	8	1	12	5	7	0	1134.97090	0.00010	0.00002	[4]
8	1	7	1	8	2	6	0	1135.4358	0.0004	-0.0005	[5]
8	1	7	1	8	2	6	0	1135.43627	0.00010	0.00000	[4]
4	2	3	1	4	3	2	0	1135.4950	0.0004	-0.0006	[5]
4	2	3	1	4	3	2	0	1135.49555	0.00010	0.00000	[4]
16	5	11	1	16	6	10	0	1135.5702	0.0010	0.0008	[3]
8	3	5	1	8	4	4	0	1136.1911	0.0004	-0.0005	[5]
8	3	5	1	8	4	4	0	1136.19162	0.00010	-0.00002	[4]
4	2	3	1	5	1	4	0	1136.4437	0.0004	-0.0005	[5]
4	2	3	1	5	1	4	0	1136.44425	0.00010	0.00002	[4]
3	2	2	1	3	3	1	0	1136.6428	0.0004	-0.0005	[5]
3	2	2	1	3	3	1	0	1136.64329	0.00010	0.00001	[4]
4	0	4	1	3	3	1	0	1136.9066	0.0004	-0.0004	[5]
4	0	4	1	3	3	1	0	1136.90699	0.00010	-0.00002	[4]
16	4	12	1	16	5	11	0	1137.9022	0.0010	0.0002	[3]
13	5	8	1	14	4	11	0	1138.12926	0.00010	0.00008	[4]
13	3	10	1	13	4	9	0	1138.2264	0.0004	-0.0005	[5]
13	3	10	1	13	4	9	0	1138.22696	0.00010	0.00003	[4]
4	1	4	1	4	2	3	0	1138.3056	0.0004	-0.0004	[5]
4	1	4	1	4	2	3	0	1138.30605	0.00010	0.00010	[4]
8	0	8	1	7	3	5	0	1138.4894	0.0004	-0.0004	[5]
8	0	8	1	7	3	5	0	1138.48979	0.00010	0.00000	[4]
3	2	1	1	3	3	0	0	1138.7631	0.0004	-0.0005	[5]
3	2	1	1	3	3	0	0	1138.76356	0.00010	-0.00001	[4]
3	1	3	1	4	0	4	0	1138.8118	0.0004	-0.0007	[5]
3	1	3	1	4	0	4	0	1138.81248	0.00010	0.00002	[4]
17	5	12	1	17	6	11	0	1139.0263	0.0010	0.0002	[3]
13	4	9	1	13	5	8	0	1139.1620	0.0004	-0.0006	[5]
13	4	9	1	13	5	8	0	1139.16252	0.00010	-0.00007	[4]
2	0	2	1	3	1	3	0	1139.7901	0.0004	-0.0008	[5]
2	0	2	1	3	1	3	0	1139.79093	0.00010	0.00007	[4]
12	5	7	1	13	4	10	0	1139.83934	0.00010	-0.00002	[4]
18	5	13	1	18	6	12	0	1140.1564	0.0010	0.0005	[3]
10	2	8	1	10	3	7	0	1140.2909	0.0004	-0.0004	[5]
10	2	8	1	10	3	7	0	1140.29126	0.00010	0.00000	[4]
9	3	6	1	9	4	5	0	1140.4449	0.0004	-0.0004	[5]
9	3	6	1	9	4	5	0	1140.44536	0.00010	0.00004	[4]
14	5	9	1	15	4	12	0	1140.66025	0.00020	0.00028	[4]
7	1	6	1	6	4	3	0	1140.7710	0.0004	-0.0003	[5]
7	1	6	1	6	4	3	0	1140.77123	0.00010	-0.00010	[4]
12	6	7	1	13	5	8	0	1140.80836	0.00010	0.00018	[4]
4	2	2	1	4	3	1	0	1141.1161	0.0004	-0.0006	[5]
4	2	2	1	4	3	1	0	1141.11669	0.00010	-0.00002	[4]
14	4	10	1	14	5	9	0	1141.4520	0.0004	-0.0005	[5]
14	4	10	1	14	5	9	0	1141.45257	0.00010	0.00005	[4]
5	0	5	1	4	3	2	0	1141.6543	0.0004	-0.0001	[5]
5	0	5	1	4	3	2	0	1141.65436	0.00010	-0.00004	[4]
13	1	12	1	12	4	9	0	1141.93777	0.00010	-0.00001	[4]
7	0	7	1	6	3	4	0	1142.1815	0.0004	-0.0010	[5]
7	0	7	1	6	3	4	0	1142.18246	0.00010	-0.00006	[4]
5	0	5	1	5	1	4	0	1142.6026	0.0004	-0.0005	[5]

5	0	5	1	5	1	4	0	1142.60313	0.00010	0.00005	[4]
13	6	7	1	14	5	10	0	1142.86508	0.00020	-0.00014	[4]
13	6	7	1	14	5	10	0	1142.8651	0.0004	-0.0001	[5]
12	3	9	1	12	4	8	0	1142.9105	0.0004	-0.0005	[5]
12	3	9	1	12	4	8	0	1142.91095	0.00010	-0.00001	[4]
6	0	6	1	5	3	3	0	1143.3467	0.0004	-0.0005	[5]
6	0	6	1	5	3	3	0	1143.34723	0.00010	-0.00002	[4]
10	3	7	1	10	4	6	0	1143.5946	0.0004	-0.0004	[5]
10	3	7	1	10	4	6	0	1143.59500	0.00010	-0.00002	[4]
3	1	3	1	3	2	2	0	1143.7644	0.0004	-0.0005	[5]
3	1	3	1	3	2	2	0	1143.76501	0.00010	0.00007	[4]
5	2	3	1	5	3	2	0	1144.3459	0.0004	-0.0004	[5]
5	2	3	1	5	3	2	0	1144.34631	0.00010	-0.00004	[4]
11	3	8	1	11	4	7	0	1144.6227	0.0004	-0.0003	[5]
11	3	8	1	11	4	7	0	1144.62295	0.00010	-0.00005	[4]
7	1	6	1	7	2	5	0	1144.7918	0.0004	-0.0005	[5]
7	1	6	1	7	2	5	0	1144.79237	0.00010	0.00005	[4]
11	5	6	1	12	4	9	0	1145.22246	0.00010	0.00010	[4]
11	5	6	1	12	4	9	0	1145.2225	0.0004	0.0001	[5]
9	2	7	1	9	3	6	0	1146.1915	0.0004	-0.0004	[5]
9	2	7	1	9	3	6	0	1146.19189	0.00010	0.00000	[4]
5	3	3	1	6	2	4	0	1147.3656	0.0004	-0.0003	[5]
5	3	3	1	6	2	4	0	1147.36597	0.00010	0.00005	[4]
6	2	4	1	6	3	3	0	1147.5036	0.0004	-0.0005	[5]
6	2	4	1	6	3	3	0	1147.50412	0.00010	0.00000	[4]
2	1	2	1	2	2	1	0	1147.8282	0.0004	-0.0004	[5]
2	1	2	1	2	2	1	0	1147.82866	0.00010	0.00004	[4]
12	1	11	1	11	4	8	0	1147.9340	0.0004	-0.0008	[5]
12	1	11	1	11	4	8	0	1147.93437	0.00010	-0.00043	[4]
7	4	4	1	8	3	5	0	1148.1476	0.0004	-0.0004	[5]
7	4	4	1	8	3	5	0	1148.14807	0.00010	0.00009	[4]
10	2	8	1	9	5	5	0	1148.3028	0.0004	-0.0001	[5]
10	2	8	1	9	5	5	0	1148.30288	0.00010	-0.00001	[4]
1	0	1	1	2	1	2	0	1148.4361	0.0004	-0.0005	[5]
1	0	1	1	2	1	2	0	1148.43671	0.00010	0.00015	[4]
8	1	7	1	7	4	4	0	1148.4630	0.0004	-0.0005	[5]
8	1	7	1	7	4	4	0	1148.46335	0.00010	-0.00013	[4]
8	2	6	1	8	3	5	0	1149.1676	0.0004	-0.0005	[5]
8	2	6	1	8	3	5	0	1149.16808	0.00010	-0.00002	[4]
7	2	5	1	7	3	4	0	1149.4213	0.0004	-0.0004	[5]
7	2	5	1	7	3	4	0	1149.42181	0.00010	0.00007	[4]
10	4	6	1	11	3	9	0	1151.0028	0.0004	-0.0004	[5]
10	4	6	1	11	3	9	0	1151.00320	0.00010	0.00001	[4]
2	1	2	1	3	0	3	0	1151.0571	0.0004	-0.0004	[5]
2	1	2	1	3	0	3	0	1151.05754	0.00010	0.00006	[4]
6	1	5	1	6	2	4	0	1151.6372	0.0004	-0.0007	[5]
6	1	5	1	6	2	4	0	1151.63793	0.00010	0.00007	[4]
11	1	10	1	10	4	7	0	1152.04478	0.00010	-0.00007	[4]
11	1	10	1	10	4	7	0	1152.0448	0.0004	-0.0001	[5]
3	2	2	1	4	1	3	0	1152.1614	0.0004	-0.0004	[5]
3	2	2	1	4	1	3	0	1152.16176	0.00010	-0.00002	[4]
9	1	9	1	8	2	6	0	1152.3066	0.0004	-0.0004	[5]
9	1	9	1	8	2	6	0	1152.30693	0.00010	-0.00003	[4]
4	0	4	1	4	1	3	0	1152.4250	0.0004	-0.0005	[5]
4	0	4	1	4	1	3	0	1152.42556	0.00010	0.00005	[4]
9	5	5	1	10	4	6	0	1152.4728	0.0004	-0.0002	[5]

9	5	5	1	10	4	6	0	1152.47308	0.00010	0.00009	[4]
9	1	8	1	8	4	5	0	1152.7351	0.0004	-0.0003	[5]
9	1	8	1	8	4	5	0	1152.73531	0.00010	-0.00006	[4]
12	6	6	1	13	5	9	0	1153.2820	0.0004	-0.0017	[5]
10	5	5	1	11	4	8	0	1153.4549	0.0004	-0.0001	[5]
10	5	5	1	11	4	8	0	1153.45501	0.00010	0.00005	[4]
10	1	9	1	9	4	6	0	1153.7973	0.0004	-0.0006	[5]
10	1	9	1	9	4	6	0	1153.79785	0.00010	-0.00003	[4]
11	4	7	1	12	3	10	0	1154.1740	0.0004	-0.0004	[5]
11	4	7	1	12	3	10	0	1154.17441	0.00010	-0.00004	[4]
2	1	1	1	2	2	0	0	1154.9907	0.0004	-0.0006	[5]
2	1	1	1	2	2	0	0	1154.99134	0.00010	0.00006	[4]
5	1	4	1	5	2	3	0	1155.7084	0.0004	-0.0004	[5]
5	1	4	1	5	2	3	0	1155.70888	0.00010	0.00005	[4]
14	7	7	1	15	6	10	0	1155.76959	0.00020	-0.00072	[4]
3	1	2	1	3	2	1	0	1156.7318	0.0004	-0.0005	[5]
3	1	2	1	3	2	1	0	1156.73242	0.00010	0.00010	[4]
8	4	4	1	9	3	7	0	1157.17013	0.00010	0.00005	[4]
8	4	4	1	9	3	7	0	1157.1702	0.0004	0.0001	[5]
4	1	3	1	4	2	2	0	1157.2357	0.0004	-0.0001	[5]
4	1	3	1	4	2	2	0	1157.23581	0.00010	0.00006	[4]
0	0	0	1	1	1	1	0	1158.1195	0.0004	-0.0003	[5]
0	0	0	1	1	1	1	0	1158.11996	0.00010	0.00013	[4]
11	6	6	1	12	5	7	0	1158.3416	0.0004	-0.0004	[5]
11	6	6	1	12	5	7	0	1158.34222	0.00010	0.00026	[4]
11	2	9	1	10	5	6	0	1158.8122	0.0004	-0.0003	[5]
11	2	9	1	10	5	6	0	1158.81238	0.00010	-0.00008	[4]
3	0	3	1	3	1	2	0	1159.9513	0.0004	-0.0005	[5]
3	0	3	1	3	1	2	0	1159.95187	0.00010	0.00005	[4]
12	4	8	1	13	3	11	0	1161.6260	0.0004	-0.0005	[5]
12	4	8	1	13	3	11	0	1161.62654	0.00010	0.00001	[4]
13	2	12	1	12	3	9	0	1161.8279	0.0004	-0.0001	[5]
13	2	12	1	12	3	9	0	1161.82815	0.00010	0.00013	[4]
16	2	14	1	15	5	11	0	1162.68697	0.00030	-0.00069	[4]
9	5	4	1	10	4	7	0	1163.6947	0.0004	-0.0004	[5]
9	5	4	1	10	4	7	0	1163.69512	0.00010	-0.00001	[4]
1	1	1	1	2	0	2	0	1163.9146	0.0004	-0.0004	[5]
1	1	1	1	2	0	2	0	1163.91503	0.00010	0.00001	[4]
7	3	4	1	8	2	7	0	1164.1361	0.0004	-0.0002	[5]
7	3	4	1	8	2	7	0	1164.13629	0.00010	-0.00005	[4]
13	7	7	1	14	6	8	0	1164.56508	0.00020	0.00004	[4]
8	1	8	1	7	2	5	0	1164.6081	0.0004	-0.0003	[5]
8	1	8	1	7	2	5	0	1164.60835	0.00010	0.00000	[4]
11	6	5	1	12	5	8	0	1164.89721	0.00010	-0.00012	[4]
4	3	2	1	5	2	3	0	1164.9222	0.0004	-0.0003	[5]
4	3	2	1	5	2	3	0	1164.92261	0.00010	0.00013	[4]
2	0	2	1	2	1	1	0	1164.9572	0.0004	-0.0005	[5]
2	0	2	1	2	1	1	0	1164.95779	0.00010	0.00009	[4]
6	3	3	1	7	2	6	0	1165.0888	0.0004	-0.0004	[5]
6	3	3	1	7	2	6	0	1165.08916	0.00010	-0.00001	[4]
7	4	3	1	8	3	6	0	1165.1540	0.0004	-0.0003	[5]
7	4	3	1	8	3	6	0	1165.15430	0.00010	0.00001	[4]
12	2	10	1	11	5	7	0	1165.6658	0.0004	-0.0003	[5]
12	2	10	1	11	5	7	0	1165.66609	0.00010	-0.00003	[4]
6	4	3	1	7	3	4	0	1166.1418	0.0004	-0.0003	[5]
6	4	3	1	7	3	4	0	1166.14232	0.00010	0.00019	[4]

8	3	5	1	9	2	8	0	1167.4612	0.0004	-0.0002	[5]
8	3	5	1	9	2	8	0	1167.46145	0.00010	0.00002	[4]
1	0	1	1	1	1	0	0	1167.8211	0.0004	-0.0004	[5]
1	0	1	1	1	1	0	0	1167.82171	0.00010	0.00017	[4]
2	2	1	1	3	1	2	0	1167.8828	0.0004	-0.0003	[5]
2	2	1	1	3	1	2	0	1167.88321	0.00010	0.00006	[4]
13	7	6	1	14	6	9	0	1168.04228	0.00020	-0.00019	[4]
14	2	12	1	13	5	9	0	1169.32038	0.00010	0.00003	[4]
8	5	4	1	9	4	5	0	1169.6351	0.0004	-0.0003	[5]
8	5	4	1	9	4	5	0	1169.63542	0.00010	0.00003	[4]
5	3	2	1	6	2	5	0	1169.8916	0.0004	-0.0003	[5]
5	3	2	1	6	2	5	0	1169.89200	0.00010	0.00010	[4]
14	3	11	1	13	6	8	0	1171.03840	0.00020	0.00019	[4]
10	6	5	1	11	5	6	0	1174.1104	0.0004	-0.0004	[5]
10	6	5	1	11	5	6	0	1174.11060	0.00010	-0.00018	[4]
7	1	7	1	6	2	4	0	1174.6907	0.0004	-0.0003	[5]
7	1	7	1	6	2	4	0	1174.69106	0.00010	0.00008	[4]
9	3	6	1	10	2	9	0	1174.8975	0.0004	-0.0006	[5]
9	3	6	1	10	2	9	0	1174.89803	0.00010	-0.00003	[4]
12	2	11	1	11	3	8	0	1175.5348	0.0004	-0.0004	[5]
12	2	11	1	11	3	8	0	1175.53522	0.00010	0.00005	[4]
17	3	15	1	16	4	12	0	1176.17737	0.00060	0.00176	[4]
4	2	2	1	5	1	5	0	1177.1499	0.0004	-0.0003	[5]
4	2	2	1	5	1	5	0	1177.15027	0.00010	0.00005	[4]
10	6	4	1	11	5	7	0	1177.19195	0.00010	0.00001	[4]
4	3	1	1	5	2	4	0	1177.6839	0.0004	-0.0003	[5]
4	3	1	1	5	2	4	0	1177.68426	0.00010	0.00010	[4]
3	2	1	1	4	1	4	0	1178.1141	0.0004	-0.0003	[5]
3	2	1	1	4	1	4	0	1178.11437	0.00010	0.00001	[4]
12	7	6	1	13	6	7	0	1179.01875	0.00020	-0.00006	[4]
3	1	3	1	2	2	0	0	1179.6567	0.0004	-0.0003	[5]
3	1	3	1	2	2	0	0	1179.65714	0.00010	0.00015	[4]
5	2	3	1	6	1	6	0	1180.2504	0.0004	-0.0003	[5]
5	2	3	1	6	1	6	0	1180.25072	0.00010	0.00004	[4]
12	7	5	1	13	6	8	0	1180.5951	0.0004	-0.0008	[5]
12	7	5	1	13	6	8	0	1180.59570	0.00010	-0.00015	[4]
3	3	1	1	4	2	2	0	1181.4068	0.0004	-0.0003	[5]
3	3	1	1	4	2	2	0	1181.40715	0.00010	0.00010	[4]
6	1	6	1	5	2	3	0	1181.6785	0.0004	-0.0002	[5]
6	1	6	1	5	2	3	0	1181.67882	0.00010	0.00011	[4]
5	4	2	1	6	3	3	0	1182.4698	0.0004	-0.0002	[5]
5	4	2	1	6	3	3	0	1182.47011	0.00010	0.00011	[4]
2	2	0	1	3	1	3	0	1182.8029	0.0004	-0.0002	[5]
2	2	0	1	3	1	3	0	1182.80302	0.00010	-0.00004	[4]
4	1	4	1	3	2	1	0	1184.1652	0.0004	-0.0002	[5]
4	1	4	1	3	2	1	0	1184.16551	0.00010	0.00010	[4]
4	2	3	1	3	3	0	0	1184.7187	0.0004	-0.0003	[5]
4	2	3	1	3	3	0	0	1184.71908	0.00010	0.00012	[4]
5	1	5	1	4	2	2	0	1184.9310	0.0004	-0.0003	[5]
5	1	5	1	4	2	2	0	1184.93135	0.00010	0.00009	[4]
7	5	3	1	8	4	4	0	1185.0492	0.0004	-0.0012	[5]
10	3	7	1	11	2	10	0	1185.8164	0.0004	-0.0003	[5]
10	3	7	1	11	2	10	0	1185.81667	0.00010	-0.00004	[4]
5	4	1	1	6	3	4	0	1186.5717	0.0004	-0.0001	[5]
5	4	1	1	6	3	4	0	1186.57195	0.00010	0.00011	[4]
14	4	10	1	15	3	13	0	1186.79593	0.00030	0.00017	[4]

6	2	4	1	7	1	7	0	1187.1838	0.0004	-0.0002	[5]
6	2	4	1	7	1	7	0	1187.18406	0.00010	0.00004	[4]
5	3	3	1	4	4	0	0	1187.2497	0.0004	-0.0002	[5]
5	3	3	1	4	4	0	0	1187.25002	0.00010	0.00014	[4]
7	5	2	1	8	4	5	0	1187.4457	0.0004	-0.0002	[5]
7	5	2	1	8	4	5	0	1187.44594	0.00010	0.00004	[4]
3	3	0	1	4	2	3	0	1187.5257	0.0004	-0.0002	[5]
3	3	0	1	4	2	3	0	1187.52597	0.00010	0.00010	[4]
11	2	10	1	10	3	7	0	1188.03630	0.00010	0.00032	[4]
11	2	10	1	10	3	7	0	1188.0367	0.0004	0.0007	[5]
9	6	4	1	10	5	5	0	1188.5120	0.0004	-0.0002	[5]
9	6	4	1	10	5	5	0	1188.51219	0.00010	-0.00003	[4]
5	3	2	1	4	4	1	0	1188.6102	0.0004	-0.0002	[5]
5	3	2	1	4	4	1	0	1188.61049	0.00010	0.00005	[4]
9	6	3	1	10	5	6	0	1189.79335	0.00010	-0.00002	[4]
9	6	3	1	10	5	6	0	1189.7935	0.0004	0.0001	[5]
1	1	0	1	1	0	1	0	1190.2208	0.0004	-0.0002	[5]
1	1	0	1	1	0	1	0	1190.22099	0.00010	0.00003	[4]
6	4	3	1	5	5	0	0	1190.6601	0.0004	-0.0001	[5]
4	2	2	1	3	3	1	0	1190.7876	0.0004	-0.0002	[5]
4	2	2	1	3	3	1	0	1190.78781	0.00010	0.00003	[4]
6	4	2	1	5	5	1	0	1190.8717	0.0004	-0.0002	[5]
6	4	2	1	5	5	1	0	1190.87200	0.00010	0.00015	[4]
11	7	5	1	12	6	6	0	1192.5685	0.0004	-0.0001	[5]
11	7	5	1	12	6	6	0	1192.56862	0.00010	-0.00001	[4]
2	1	1	1	2	0	2	0	1193.2550	0.0004	-0.0003	[5]
2	1	1	1	2	0	2	0	1193.25528	0.00010	0.00001	[4]
2	0	2	1	1	1	1	0	1194.0379	0.0004	-0.0002	[5]
2	0	2	1	1	1	1	0	1194.03816	0.00010	0.00006	[4]
5	2	4	1	4	3	1	0	1194.6600	0.0004	-0.0002	[5]
5	2	4	1	4	3	1	0	1194.66028	0.00010	0.00007	[4]
3	1	2	1	2	2	1	0	1195.3074	0.0004	-0.0001	[5]
3	1	2	1	2	2	1	0	1195.30758	0.00010	0.00010	[4]
7	5	3	1	6	6	0	0	1196.2285	0.0004	-0.0001	[5]
7	5	3	1	6	6	0	0	1196.22856	0.00010	0.00000	[4]
7	5	2	1	6	6	1	0	1196.2554	0.0004	-0.0003	[5]
7	5	2	1	6	6	1	0	1196.25575	0.00010	0.00001	[4]
13	8	6	1	14	7	7	0	1197.03536	0.00030	0.00061	[4]
4	4	1	1	5	3	2	0	1197.1439	0.0004	0.0000	[5]
4	4	1	1	5	3	2	0	1197.14402	0.00010	0.00013	[4]
7	2	5	1	8	1	8	0	1197.3394	0.0004	-0.0003	[5]
7	2	5	1	8	1	8	0	1197.33980	0.00010	0.00006	[4]
10	2	9	1	9	3	6	0	1198.2683	0.0004	-0.0003	[5]
10	2	9	1	9	3	6	0	1198.26866	0.00010	0.00007	[4]
3	1	2	1	3	0	3	0	1198.5361	0.0004	-0.0002	[5]
3	1	2	1	3	0	3	0	1198.53646	0.00010	0.00011	[4]
4	4	0	1	5	3	3	0	1198.6284	0.0004	-0.0001	[5]
4	4	0	1	5	3	3	0	1198.62856	0.00010	0.00004	[4]
6	5	2	1	7	4	3	0	1199.1160	0.0004	-0.0002	[5]
6	5	2	1	7	4	3	0	1199.11640	0.00010	0.00019	[4]
11	3	8	1	12	2	11	0	1199.3167	0.0004	-0.0003	[5]
11	3	8	1	12	2	11	0	1199.31702	0.00010	0.00005	[4]
6	3	4	1	5	4	1	0	1199.4777	0.0004	-0.0002	[5]
6	3	4	1	5	4	1	0	1199.47795	0.00010	0.00007	[4]
1	1	1	1	0	0	0	0	1199.7928	0.0004	-0.0002	[5]
1	1	1	1	0	0	0	0	1199.79301	0.00010	-0.00003	[4]

6	5	1	1	7	4	4	0	1199.9795	0.0004	-0.0002	[5]
6	5	1	1	7	4	4	0	1199.97973	0.00010	0.00005	[4]
8	6	3	1	9	5	4	0	1201.9945	0.0004	-0.0003	[5]
8	6	3	1	9	5	4	0	1201.99482	0.00010	0.00006	[4]
8	6	2	1	9	5	5	0	1202.4575	0.0004	-0.0003	[5]
8	6	2	1	9	5	5	0	1202.45777	0.00010	0.00001	[4]
6	2	5	1	5	3	2	0	1202.5416	0.0004	-0.0002	[5]
6	2	5	1	5	3	2	0	1202.54181	0.00010	0.00005	[4]
6	3	3	1	5	4	2	0	1203.2833	0.0004	-0.0002	[5]
6	3	3	1	5	4	2	0	1203.28350	0.00010	0.00002	[4]
7	4	4	1	6	5	1	0	1203.4296	0.0004	-0.0001	[5]
7	4	4	1	6	5	1	0	1203.42976	0.00010	0.00002	[4]
15	3	13	1	14	4	10	0	1204.01694	0.00020	0.00003	[4]
8	6	2	1	7	7	1	0	1204.09395	0.00010	0.00027	[4]
8	6	3	1	7	7	0	0	1204.09395	0.00010	0.00027	[4]
7	4	3	1	6	5	2	0	1204.1691	0.0004	-0.0001	[5]
7	4	3	1	6	5	2	0	1204.16921	0.00010	0.00004	[4]
9	2	8	1	8	3	5	0	1205.2978	0.0004	-0.0001	[5]
9	2	8	1	8	3	5	0	1205.29806	0.00010	0.00013	[4]
10	7	4	1	11	6	5	0	1205.5381	0.0004	-0.0001	[5]
10	7	4	1	11	6	5	0	1205.53817	0.00010	-0.00007	[4]
10	7	3	1	11	6	6	0	1205.7732	0.0004	-0.0002	[5]
10	7	3	1	11	6	6	0	1205.77336	0.00010	0.00000	[4]
4	2	2	1	4	1	3	0	1206.3061	0.0004	-0.0002	[5]
4	2	2	1	4	1	3	0	1206.30635	0.00010	0.00007	[4]
4	1	3	1	4	0	4	0	1206.4267	0.0004	-0.0002	[5]
4	1	3	1	4	0	4	0	1206.42701	0.00010	0.00008	[4]
3	2	1	1	3	1	2	0	1206.4549	0.0004	-0.0002	[5]
3	2	1	1	3	1	2	0	1206.45505	0.00010	-0.00002	[4]
3	0	3	1	2	1	2	0	1206.8537	0.0004	-0.0002	[5]
3	0	3	1	2	1	2	0	1206.85395	0.00010	0.00009	[4]
7	2	6	1	6	3	3	0	1207.4069	0.0004	-0.0002	[5]
7	2	6	1	6	3	3	0	1207.40719	0.00010	0.00011	[4]
5	2	3	1	4	3	2	0	1207.4701	0.0004	-0.0001	[5]
5	2	3	1	4	3	2	0	1207.47030	0.00010	0.00012	[4]
2	2	0	1	2	1	1	0	1207.9697	0.0004	-0.0002	[5]
2	2	0	1	2	1	1	0	1207.96990	0.00010	0.00000	[4]
5	2	3	1	5	1	4	0	1208.4187	0.0004	-0.0002	[5]
5	2	3	1	5	1	4	0	1208.41892	0.00010	0.00006	[4]
8	2	7	1	7	3	4	0	1208.4339	0.0004	-0.0001	[5]
8	2	7	1	7	3	4	0	1208.43425	0.00010	0.00024	[4]
8	5	4	1	7	6	1	0	1208.9534	0.0004	-0.0001	[5]
8	5	4	1	7	6	1	0	1208.95351	0.00010	0.00003	[4]
8	5	3	1	7	6	2	0	1209.0657	0.0004	-0.0002	[5]
8	5	3	1	7	6	2	0	1209.06603	0.00010	0.00009	[4]
2	1	2	1	1	0	1	0	1209.3878	0.0004	-0.0002	[5]
2	1	2	1	1	0	1	0	1209.38804	0.00010	0.00005	[4]
12	8	4	1	13	7	7	0	1209.65146	0.00020	0.00069	[4]
8	2	6	1	9	1	9	0	1209.8693	0.0004	-0.0001	[5]
8	2	6	1	9	1	9	0	1209.86936	0.00010	0.00000	[4]
7	3	5	1	6	4	2	0	1211.0493	0.0004	-0.0001	[5]
7	3	5	1	6	4	2	0	1211.04942	0.00010	0.00000	[4]
4	1	3	1	3	2	2	0	1211.3793	0.0004	-0.0001	[5]
4	1	3	1	3	2	2	0	1211.37949	0.00010	0.00008	[4]
5	5	1	1	6	4	2	0	1212.3111	0.0004	-0.0001	[5]
5	5	1	1	6	4	2	0	1212.31133	0.00010	0.00009	[4]

5	5	0	1	6	4	3	0	1212.5598	0.0004	-0.0002	[5]
5	5	0	1	6	4	3	0	1212.56024	0.00010	0.00020	[4]
6	2	4	1	6	1	5	0	1213.3860	0.0004	-0.0002	[5]
6	2	4	1	6	1	5	0	1213.38624	0.00010	0.00008	[4]
9	7	3	1	8	8	0	0	1214.0639	0.0004	-0.0001	[5]
9	7	2	1	8	8	1	0	1214.06403	0.00010	-0.00003	[4]
9	7	3	1	8	8	0	0	1214.06403	0.00010	-0.00003	[4]
12	3	9	1	13	2	12	0	1214.34997	0.00020	-0.00025	[4]
2	2	1	1	2	1	2	0	1214.7850	0.0004	-0.0002	[5]
2	2	1	1	2	1	2	0	1214.78519	0.00010	0.00000	[4]
7	6	2	1	8	5	3	0	1214.9108	0.0004	0.0000	[5]
7	6	2	1	8	5	3	0	1214.91081	0.00010	0.00002	[4]
7	6	1	1	8	5	4	0	1215.05176	0.00010	0.00000	[4]
7	6	1	1	8	5	4	0	1215.0522	0.0004	0.0004	[5]
8	4	5	1	7	5	2	0	1216.1817	0.0004	-0.0001	[5]
8	4	5	1	7	5	2	0	1216.18192	0.00010	0.00010	[4]
14	3	12	1	13	4	9	0	1216.48863	0.00010	0.00007	[4]
14	3	12	1	13	4	9	0	1216.4887	0.0004	0.0001	[5]
5	1	4	1	5	0	5	0	1216.6622	0.0004	0.0000	[5]
5	1	4	1	5	0	5	0	1216.66234	0.00010	0.00010	[4]
9	6	3	1	8	7	2	0	1216.68340	0.00010	-0.00016	[4]
9	6	3	1	8	7	2	0	1216.6839	0.0004	0.0003	[5]
3	1	3	1	2	0	2	0	1217.9207	0.0004	-0.0003	[5]
3	1	3	1	2	0	2	0	1217.92101	0.00010	0.00004	[4]
9	7	3	1	10	6	4	0	1218.1452	0.0004	-0.0001	[5]
9	7	3	1	10	6	4	0	1218.14528	0.00010	0.00000	[4]
9	7	2	1	10	6	5	0	1218.21989	0.00010	0.00006	[4]
9	7	2	1	10	6	5	0	1218.2200	0.0004	0.0002	[5]
8	4	4	1	7	5	3	0	1218.2561	0.0004	-0.0001	[5]
8	4	4	1	7	5	3	0	1218.25626	0.00010	0.00004	[4]
3	2	2	1	3	1	3	0	1218.7424	0.0004	-0.0001	[5]
3	2	2	1	3	1	3	0	1218.74254	0.00010	0.00005	[4]
4	0	4	1	3	1	3	0	1219.0061	0.0004	-0.0001	[5]
4	0	4	1	3	1	3	0	1219.00632	0.00010	0.00010	[4]
7	3	4	1	6	4	3	0	1219.6184	0.0004	-0.0002	[5]
7	3	4	1	6	4	3	0	1219.61855	0.00010	-0.00001	[4]
8	3	6	1	7	4	3	0	1221.3532	0.0004	-0.0002	[5]
8	3	6	1	7	4	3	0	1221.35335	0.00010	0.00000	[4]
7	2	5	1	7	1	6	0	1221.4351	0.0004	0.0000	[5]
7	2	5	1	7	1	6	0	1221.43520	0.00010	0.00007	[4]
9	5	5	1	8	6	2	0	1221.8033	0.0004	0.0001	[5]
9	5	4	1	8	6	3	0	1222.17483	0.00010	0.00002	[4]
7	3	4	1	7	2	5	0	1223.6394	0.0004	-0.0002	[5]
7	3	4	1	7	2	5	0	1223.63961	0.00010	0.00006	[4]
9	2	7	1	10	1	10	0	1223.7612	0.0004	0.0001	[5]
4	2	3	1	4	1	4	0	1224.0697	0.0004	-0.0001	[5]
4	2	3	1	4	1	4	0	1224.06982	0.00010	0.00006	[4]
5	3	3	1	6	0	6	0	1224.10915	0.00010	-0.00013	[4]
8	3	5	1	8	2	6	0	1224.7295	0.0004	-0.0001	[5]
8	3	5	1	8	2	6	0	1224.72968	0.00010	0.00009	[4]
6	3	3	1	6	2	4	0	1225.0897	0.0004	-0.0005	[5]
6	3	3	1	6	2	4	0	1225.09026	0.00010	0.00008	[4]
6	2	4	1	5	3	3	0	1225.4203	0.0004	-0.0001	[5]
6	2	4	1	5	3	3	0	1225.42039	0.00010	-0.00001	[4]
4	3	2	1	5	0	5	0	1225.87595	0.00010	0.00007	[4]
4	3	2	1	5	0	5	0	1225.8764	0.0004	0.0005	[5]

10	8	2	1	9	9	1	0	1225.90335	0.00010	0.00002	[4]
10	8	3	1	9	9	0	0	1225.90335	0.00010	0.00002	[4]
4	1	4	1	3	0	3	0	1225.9694	0.0004	0.0000	[5]
4	1	4	1	3	0	3	0	1225.96956	0.00010	0.00013	[4]
10	7	3	1	9	8	2	0	1226.49680	0.00010	-0.00003	[4]
10	7	4	1	9	8	1	0	1226.49680	0.00010	-0.00003	[4]
10	7	3	1	9	8	2	0	1226.4979	0.0004	0.0005	[5]
13	3	11	1	12	4	8	0	1226.5864	0.0004	-0.0004	[5]
13	3	11	1	12	4	8	0	1226.58691	0.00010	0.00011	[4]
9	4	6	1	10	1	9	0	1227.0841	0.0004	-0.0006	[5]
9	4	6	1	10	1	9	0	1227.08458	0.00010	-0.00011	[4]
6	6	1	1	7	5	2	0	1227.49029	0.00010	0.00001	[4]
6	6	1	1	7	5	2	0	1227.4903	0.0004	0.0000	[5]
6	6	0	1	7	5	3	0	1227.52455	0.00010	0.00007	[4]
5	1	4	1	4	2	3	0	1227.5897	0.0004	-0.0001	[5]
5	1	4	1	4	2	3	0	1227.58986	0.00010	0.00010	[4]
5	3	2	1	5	2	3	0	1227.9937	0.0004	-0.0001	[5]
5	3	2	1	5	2	3	0	1227.99384	0.00010	0.00008	[4]
6	1	5	1	6	0	6	0	1228.3811	0.0004	-0.0001	[5]
6	1	5	1	6	0	6	0	1228.38130	0.00010	0.00008	[4]
7	3	5	1	8	0	8	0	1228.5622	0.0004	-0.0002	[5]
7	3	5	1	8	0	8	0	1228.56241	0.00010	0.00001	[4]
9	4	6	1	8	5	3	0	1228.6692	0.0004	-0.0001	[5]
9	4	6	1	8	5	3	0	1228.66931	0.00010	0.00002	[4]
9	3	6	1	9	2	7	0	1229.0538	0.0004	0.0000	[5]
9	3	6	1	9	2	7	0	1229.05390	0.00010	0.00008	[4]
12	5	8	1	13	2	11	0	1229.10496	0.00030	-0.00020	[4]
10	4	7	1	11	1	10	0	1229.3224	0.0004	0.0000	[5]
10	4	7	1	11	1	10	0	1229.32244	0.00010	0.00005	[4]
10	6	5	1	9	7	2	0	1229.3436	0.0004	0.0000	[5]
10	6	5	1	9	7	2	0	1229.34360	0.00010	-0.00005	[4]
10	6	4	1	9	7	3	0	1229.3994	0.0004	-0.0002	[5]
10	6	4	1	9	7	3	0	1229.39965	0.00010	0.00001	[4]
9	3	7	1	8	4	4	0	1229.5780	0.0004	-0.0001	[5]
9	3	7	1	8	4	4	0	1229.57815	0.00010	0.00004	[4]
5	0	5	1	4	1	4	0	1230.2285	0.0004	-0.0001	[5]
5	0	5	1	4	1	4	0	1230.22872	0.00010	0.00011	[4]
8	7	2	1	9	6	3	0	1230.52579	0.00010	0.00000	[4]
8	7	2	1	9	6	3	0	1230.5260	0.0004	0.0002	[5]
8	7	1	1	9	6	4	0	1230.5458	0.0004	0.0001	[5]
3	3	1	1	4	0	4	0	1230.5979	0.0004	-0.0003	[5]
3	3	1	1	4	0	4	0	1230.59819	0.00010	-0.00004	[4]
5	2	4	1	5	1	5	0	1230.6937	0.0004	0.0000	[5]
5	2	4	1	5	1	5	0	1230.69384	0.00010	0.00013	[4]
4	3	1	1	4	2	2	0	1231.0919	0.0004	-0.0001	[5]
4	3	1	1	4	2	2	0	1231.09214	0.00010	0.00018	[4]
11	5	7	1	12	2	10	0	1231.19638	0.00020	-0.00001	[4]
7	4	4	1	8	1	7	0	1231.20657	0.00010	0.00001	[4]
7	4	4	1	8	1	7	0	1231.2068	0.0004	0.0002	[5]
8	2	6	1	8	1	7	0	1232.2266	0.0004	-0.0001	[5]
8	2	6	1	8	1	7	0	1232.22675	0.00010	0.00007	[4]
3	3	0	1	3	2	1	0	1233.3853	0.0004	0.0000	[5]
3	3	0	1	3	2	1	0	1233.38543	0.00010	0.00009	[4]
9	4	5	1	8	5	4	0	1233.5845	0.0004	-0.0001	[5]
9	4	5	1	8	5	4	0	1233.58465	0.00010	0.00007	[4]
11	4	8	1	12	1	11	0	1233.88958	0.00020	0.00014	[4]

11	4	8	1	12	1	11	0	1233.8897	0.0004	0.0003	[5]
10	8	2	1	11	7	5	0	1233.92549	0.00020	-0.00005	[4]
10	8	2	1	11	7	5	0	1233.9256	0.0004	0.0001	[5]
5	1	5	1	4	0	4	0	1234.1224	0.0004	0.0000	[5]
5	1	5	1	4	0	4	0	1234.12254	0.00010	0.00010	[4]
2	2	1	1	1	1	0	0	1234.1701	0.0004	-0.0001	[5]
2	2	1	1	1	1	0	0	1234.17024	0.00010	0.00006	[4]
10	5	6	1	9	6	3	0	1234.7271	0.0004	0.0000	[5]
10	5	6	1	9	6	3	0	1234.72726	0.00010	0.00014	[4]
10	3	8	1	9	4	5	0	1234.7916	0.0004	0.0000	[5]
10	3	8	1	9	4	5	0	1234.79176	0.00010	0.00014	[4]
3	3	1	1	3	2	2	0	1235.5507	0.0004	0.0000	[5]
3	3	1	1	3	2	2	0	1235.55084	0.00010	0.00013	[4]
10	5	5	1	9	6	4	0	1235.7653	0.0004	0.0001	[5]
10	5	5	1	9	6	4	0	1235.76532	0.00010	0.00008	[4]
11	3	9	1	10	4	6	0	1236.1807	0.0004	0.0000	[5]
11	3	9	1	10	4	6	0	1236.18082	0.00010	0.00012	[4]
10	5	6	1	11	2	9	0	1236.65901	0.00020	-0.00007	[4]
4	3	2	1	4	2	3	0	1236.8035	0.0004	0.0001	[5]
4	3	2	1	4	2	3	0	1236.80358	0.00010	0.00017	[4]
10	3	7	1	10	2	8	0	1236.8427	0.0004	0.0000	[5]
10	3	7	1	10	2	8	0	1236.84284	0.00010	0.00010	[4]
2	2	0	1	1	1	1	0	1237.0502	0.0004	-0.0001	[5]
2	2	0	1	1	1	1	0	1237.05032	0.00010	0.00001	[4]
12	9	3	1	13	8	6	0	1237.48616	0.00020	0.00121	[4]
12	9	4	1	13	8	5	0	1237.48616	0.00020	0.00121	[4]
8	3	5	1	7	4	4	0	1237.7567	0.0004	-0.0001	[5]
8	3	5	1	7	4	4	0	1237.75687	0.00010	0.00008	[4]
10	2	8	1	11	1	11	0	1237.99013	0.00010	-0.00044	[4]
6	4	3	1	7	1	6	0	1238.1554	0.0004	-0.0001	[5]
6	4	3	1	7	1	6	0	1238.15556	0.00010	0.00004	[4]
11	8	4	1	10	9	1	0	1238.19874	0.00010	-0.00027	[4]
11	8	3	1	10	9	2	0	1238.19874	0.00020	-0.00048	[4]
11	8	4	1	10	9	1	0	1238.1991	0.0010	0.0001	[3]
6	2	5	1	6	1	6	0	1238.4460	0.0004	-0.0001	[5]
6	2	5	1	6	1	6	0	1238.44614	0.00010	0.00005	[4]
11	7	5	1	10	8	2	0	1238.97404	0.00010	0.00001	[4]
11	7	5	1	10	8	2	0	1238.9751	0.0004	0.0011	[5]
11	7	4	1	10	8	3	0	1238.98170	0.00010	0.00009	[4]
5	3	3	1	5	2	4	0	1239.0455	0.0004	0.0000	[5]
5	3	3	1	5	2	4	0	1239.04567	0.00010	0.00013	[4]
12	4	9	1	13	1	12	0	1240.34928	0.00030	0.00027	[4]
10	4	7	1	9	5	4	0	1240.4866	0.0004	0.0000	[5]
10	4	7	1	9	5	4	0	1240.48660	0.00010	-0.00002	[4]
7	1	6	1	7	0	7	0	1240.55969	0.00010	0.00001	[4]
7	1	6	1	7	0	7	0	1240.5597	0.0004	0.0000	[5]
6	0	6	1	5	1	5	0	1240.6346	0.0004	-0.0001	[5]
6	0	6	1	5	1	5	0	1240.63482	0.00010	0.00011	[4]
11	6	6	1	10	7	3	0	1242.1223	0.0004	-0.0002	[5]
11	6	6	1	10	7	3	0	1242.12256	0.00010	0.00009	[4]
11	6	5	1	10	7	4	0	1242.3000	0.0004	0.0000	[5]
11	6	5	1	10	7	4	0	1242.30015	0.00010	0.00010	[4]
11	4	7	1	11	3	8	0	1242.4204	0.0004	-0.0001	[5]
11	4	7	1	11	3	8	0	1242.42040	0.00010	-0.00006	[4]
6	3	4	1	6	2	5	0	1242.5076	0.0004	0.0000	[5]
6	3	4	1	6	2	5	0	1242.50770	0.00010	0.00007	[4]

10	4	6	1	10	3	7	0	1242.5941	0.0004	0.0000	[5]
10	4	6	1	10	3	7	0	1242.59427	0.00010	0.00013	[4]
6	1	6	1	5	0	5	0	1242.6318	0.0004	-0.0003	[5]
6	1	6	1	5	0	5	0	1242.63215	0.00010	0.00003	[4]
13	6	8	1	14	3	11	0	1243.06900	0.00040	-0.00093	[4]
6	1	5	1	5	2	4	0	1243.3174	0.0004	-0.0001	[5]
6	1	5	1	5	2	4	0	1243.31759	0.00010	0.00011	[4]
3	2	2	1	2	1	1	0	1243.9093	0.0004	0.0000	[5]
3	2	2	1	2	1	1	0	1243.90942	0.00010	0.00009	[4]
7	2	5	1	6	3	4	0	1244.0931	0.0004	-0.0001	[5]
7	2	5	1	6	3	4	0	1244.09322	0.00010	0.00006	[4]
9	2	7	1	9	1	8	0	1244.8549	0.0004	0.0000	[5]
9	2	7	1	9	1	8	0	1244.85498	0.00010	0.00006	[4]
9	4	5	1	9	3	6	0	1245.3623	0.0004	0.0000	[5]
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12	4	8	1	12	3	9	0	1245.6665	0.0004	0.0002	[5]
12	4	8	1	12	3	9	0	1245.66657	0.00010	0.00029	[4]
9	5	5	1	10	2	8	0	1245.72064	0.00010	-0.00007	[4]
9	5	5	1	10	2	8	0	1245.7210	0.0004	0.0003	[5]
9	8	1	1	10	7	4	0	1245.9296	0.0004	-0.0005	[5]
9	8	2	1	10	7	3	0	1245.9296	0.0004	-0.0005	[5]
9	8	1	1	10	7	4	0	1245.92968	0.00010	-0.00001	[4]
9	8	2	1	10	7	3	0	1245.92968	0.00010	-0.00001	[4]
7	2	6	1	7	1	7	0	1247.0870	0.0004	0.0000	[5]
7	2	6	1	7	1	7	0	1247.08711	0.00010	0.00013	[4]
7	3	5	1	7	2	6	0	1247.3149	0.0004	-0.0001	[5]
7	3	5	1	7	2	6	0	1247.31501	0.00010	0.00004	[4]
11	5	7	1	10	6	4	0	1247.5983	0.0004	-0.0001	[5]
11	5	7	1	10	6	4	0	1247.59835	0.00010	-0.00003	[4]
11	3	8	1	11	2	9	0	1247.76434	0.00010	-0.00002	[4]
11	3	8	1	11	2	9	0	1247.7644	0.0004	0.0000	[5]
13	4	10	1	14	1	13	0	1248.26704	0.00040	0.00002	[4]
5	4	2	1	6	1	5	0	1248.3510	0.0004	-0.0010	[5]
5	4	2	1	6	1	5	0	1248.35205	0.00010	0.00001	[4]
8	4	4	1	8	3	5	0	1249.5049	0.0004	-0.0001	[5]
8	4	4	1	8	3	5	0	1249.50497	0.00010	0.00001	[4]
10	3	8	1	11	0	11	0	1249.85204	0.00020	0.00042	[4]
11	5	6	1	10	6	5	0	1250.12990	0.00010	-0.00053	[4]
11	5	6	1	10	6	5	0	1250.1303	0.0004	-0.0001	[5]
7	0	7	1	6	1	6	0	1250.4655	0.0004	0.0000	[5]
7	0	7	1	6	1	6	0	1250.46562	0.00010	0.00011	[4]
10	4	6	1	9	5	5	0	1250.60573	0.00010	-0.00004	[4]
10	4	6	1	9	5	5	0	1250.6058	0.0004	0.0000	[5]
11	4	8	1	10	5	5	0	1251.0475	0.0004	-0.0001	[5]
11	4	8	1	10	5	5	0	1251.04750	0.00010	-0.00006	[4]
7	1	7	1	6	0	6	0	1251.4343	0.0004	0.0000	[5]
7	1	7	1	6	0	6	0	1251.43443	0.00010	0.00009	[4]
12	7	5	1	11	8	4	0	1251.5363	0.0004	-0.0005	[5]
12	7	5	1	11	8	4	0	1251.53668	0.00010	-0.00010	[4]
4	2	3	1	3	1	2	0	1252.4104	0.0004	-0.0001	[5]
4	2	3	1	3	1	2	0	1252.41054	0.00010	0.00007	[4]
8	1	7	1	8	0	8	0	1252.4663	0.0004	0.0000	[5]
8	1	7	1	8	0	8	0	1252.46644	0.00010	0.00009	[4]
13	4	9	1	13	3	10	0	1252.6491	0.0004	0.0001	[5]
13	4	9	1	13	3	10	0	1252.64911	0.00010	0.00009	[4]
3	2	1	1	2	1	2	0	1253.3571	0.0004	0.0000	[5]

3	2	1	1	2	1	2	0	1253.35710	0.00010	-0.00001	[4]
8	3	6	1	8	2	7	0	1253.4681	0.0004	0.0000	[5]
8	3	6	1	8	2	7	0	1253.46816	0.00010	0.00002	[4]
7	4	3	1	7	3	4	0	1253.7028	0.0004	-0.0001	[5]
7	4	3	1	7	3	4	0	1253.70288	0.00010	-0.00001	[4]
12	6	7	1	11	7	4	0	1254.98945	0.00010	-0.00002	[4]
12	6	7	1	11	7	4	0	1254.9895	0.0004	0.0000	[5]
12	6	6	1	11	7	5	0	1255.4807	0.0004	-0.0002	[5]
12	6	6	1	11	7	5	0	1255.48091	0.00010	0.00001	[4]
8	2	7	1	8	1	8	0	1256.35185	0.00010	-0.00016	[4]
8	2	7	1	8	1	8	0	1256.3519	0.0004	-0.0001	[5]
6	4	2	1	6	3	3	0	1256.9666	0.0004	-0.0001	[5]
6	4	2	1	6	3	3	0	1256.96660	0.00010	-0.00005	[4]
9	3	6	1	8	4	5	0	1257.39690	0.00010	-0.00026	[4]
9	3	6	1	8	4	5	0	1257.3971	0.0004	-0.0001	[5]
7	1	6	1	6	2	5	0	1257.9608	0.0004	-0.0001	[5]
7	1	6	1	6	2	5	0	1257.96080	0.00010	-0.00007	[4]
10	2	8	1	10	1	9	0	1258.19130	0.00010	-0.00018	[4]
10	2	8	1	10	1	9	0	1258.1914	0.0004	-0.0001	[5]
16	4	13	1	15	5	10	0	1258.80616	0.00020	0.00019	[4]
5	4	1	1	5	3	2	0	1258.95038	0.00010	-0.00012	[4]
5	4	1	1	5	3	2	0	1258.9505	0.0004	0.0000	[5]
11	3	9	1	12	0	12	0	1259.25842	0.00030	0.00027	[4]
12	4	9	1	11	5	6	0	1259.5863	0.0004	-0.0001	[5]
12	4	9	1	11	5	6	0	1259.58643	0.00010	-0.00001	[4]
5	2	4	1	4	1	3	0	1259.8497	0.0004	-0.0001	[5]
5	2	4	1	4	1	3	0	1259.84989	0.00010	0.00011	[4]
4	4	0	1	4	3	1	0	1259.8824	0.0004	-0.0001	[5]
4	4	0	1	4	3	1	0	1259.88269	0.00010	0.00021	[4]
8	0	8	1	7	1	7	0	1259.9215	0.0004	-0.0001	[5]
8	0	8	1	7	1	7	0	1259.92177	0.00010	0.00013	[4]
12	5	8	1	11	6	5	0	1260.18100	0.00010	-0.00046	[4]
12	5	8	1	11	6	5	0	1260.1814	0.0004	-0.0001	[5]
4	4	1	1	4	3	2	0	1260.26730	0.00010	-0.00042	[4]
4	4	1	1	4	3	2	0	1260.2676	0.0004	-0.0001	[5]
8	1	8	1	7	0	7	0	1260.3757	0.0004	0.0000	[5]
8	1	8	1	7	0	7	0	1260.37582	0.00010	0.00011	[4]
5	4	2	1	5	3	3	0	1260.3862	0.0004	-0.0001	[5]
5	4	2	1	5	3	3	0	1260.38634	0.00010	0.00006	[4]
6	4	3	1	6	3	4	0	1260.81337	0.00010	-0.00018	[4]
6	4	3	1	6	3	4	0	1260.8135	0.0004	-0.0001	[5]
9	3	7	1	9	2	8	0	1260.84774	0.00010	-0.00016	[4]
9	3	7	1	9	2	8	0	1260.8479	0.0004	0.0000	[5]
10	9	1	1	11	8	4	0	1260.89385	0.00030	-0.00033	[4]
10	9	2	1	11	8	3	0	1260.89385	0.00030	-0.00033	[4]
12	3	9	1	12	2	10	0	1260.92895	0.00010	-0.00018	[4]
12	3	9	1	12	2	10	0	1260.9291	0.0004	0.0000	[5]
14	5	9	1	14	4	10	0	1261.6139	0.0004	-0.0002	[5]
14	5	9	1	14	4	10	0	1261.61398	0.00010	-0.00012	[4]
7	4	4	1	7	3	5	0	1261.83076	0.00010	-0.00011	[4]
7	4	4	1	7	3	5	0	1261.8308	0.0004	-0.0001	[5]
13	8	5	1	12	9	4	0	1262.80563	0.00020	0.00005	[4]
13	8	6	1	12	9	3	0	1262.80563	0.00020	0.00005	[4]
8	2	6	1	7	3	5	0	1262.85088	0.00010	-0.00011	[4]
8	2	6	1	7	3	5	0	1262.8510	0.0004	0.0000	[5]
14	4	10	1	14	3	11	0	1263.12197	0.00010	0.00007	[4]

14	4	10	1	14	3	11	0	1263.1220	0.0004	0.0001	[5]
15	5	10	1	15	4	11	0	1263.30603	0.00010	0.00032	[4]
13	5	8	1	13	4	9	0	1263.3148	0.0004	-0.0002	[5]
13	5	8	1	13	4	9	0	1263.31507	0.00010	0.00011	[4]
13	9	4	1	12	10	3	0	1263.65892	0.00020	-0.00054	[4]
13	9	5	1	12	10	2	0	1263.65892	0.00020	-0.00054	[4]
8	4	5	1	8	3	6	0	1263.73739	0.00010	-0.00015	[4]
8	4	5	1	8	3	6	0	1263.7375	0.0004	0.0000	[5]
9	1	8	1	9	0	9	0	1263.82840	0.00010	-0.00026	[4]
9	1	8	1	9	0	9	0	1263.8286	0.0004	-0.0001	[5]
13	7	7	1	12	8	4	0	1264.1116	0.0004	0.0003	[5]
13	7	6	1	12	8	5	0	1264.1931	0.0004	0.0000	[5]
13	7	6	1	12	8	5	0	1264.19311	0.00010	-0.00004	[4]
15	4	12	1	14	5	9	0	1264.99669	0.00010	-0.00004	[4]
15	4	12	1	14	5	9	0	1264.9968	0.0004	0.0001	[5]
13	4	10	1	12	5	7	0	1265.2265	0.0004	-0.0001	[5]
13	4	10	1	12	5	7	0	1265.22661	0.00010	0.00005	[4]
12	5	7	1	11	6	6	0	1265.6776	0.0004	-0.0002	[5]
12	5	7	1	11	6	6	0	1265.67784	0.00010	0.00002	[4]
9	2	8	1	9	1	9	0	1265.9991	0.0004	-0.0001	[5]
9	2	8	1	9	1	9	0	1265.99914	0.00010	-0.00005	[4]
6	2	5	1	5	1	4	0	1266.61425	0.00010	-0.00002	[4]
6	2	5	1	5	1	4	0	1266.6143	0.0004	0.0000	[5]
9	4	6	1	9	3	7	0	1266.78820	0.00010	-0.00020	[4]
9	4	6	1	9	3	7	0	1266.7885	0.0004	0.0001	[5]
14	4	11	1	13	5	8	0	1267.17340	0.00010	-0.00001	[4]
14	4	11	1	13	5	8	0	1267.1736	0.0004	0.0002	[5]
12	5	7	1	12	4	8	0	1267.43723	0.00010	-0.00009	[4]
12	5	7	1	12	4	8	0	1267.4373	0.0004	0.0000	[5]
13	6	8	1	12	7	5	0	1267.8881	0.0004	-0.0007	[5]
13	6	8	1	12	7	5	0	1267.88879	0.00010	-0.00002	[4]
16	5	11	1	16	4	12	0	1268.8608	0.0010	0.0008	[3]
11	6	6	1	12	3	9	0	1269.03680	0.00040	-0.00057	[4]
13	6	7	1	12	7	6	0	1269.1029	0.0004	-0.0003	[5]
13	6	7	1	12	7	6	0	1269.10303	0.00010	-0.00017	[4]
9	0	9	1	8	1	8	0	1269.1284	0.0004	-0.0001	[5]
9	0	9	1	8	1	8	0	1269.12852	0.00010	0.00002	[4]
10	3	8	1	10	2	9	0	1269.2443	0.0004	-0.0001	[5]
10	3	8	1	10	2	9	0	1269.24448	0.00010	0.00012	[4]
9	1	9	1	8	0	8	0	1269.3369	0.0004	-0.0001	[5]
9	1	9	1	8	0	8	0	1269.33700	0.00010	-0.00004	[4]
11	4	7	1	10	5	6	0	1269.5276	0.0004	0.0000	[5]
11	4	7	1	10	5	6	0	1269.52765	0.00010	0.00006	[4]
10	4	7	1	10	3	8	0	1271.1445	0.0004	-0.0001	[5]
10	4	7	1	10	3	8	0	1271.14460	0.00010	0.00004	[4]
8	1	7	1	7	2	6	0	1271.2188	0.0004	-0.0001	[5]
8	1	7	1	7	2	6	0	1271.21899	0.00010	0.00007	[4]
11	2	9	1	11	1	10	0	1271.3244	0.0004	0.0000	[5]
11	2	9	1	11	1	10	0	1271.32448	0.00010	0.00008	[4]
3	3	1	1	2	2	0	0	1271.4427	0.0004	-0.0001	[5]
3	3	1	1	2	2	0	0	1271.44289	0.00010	0.00013	[4]
3	3	0	1	2	2	1	0	1271.9604	0.0004	-0.0001	[5]
3	3	0	1	2	2	1	0	1271.96061	0.00010	0.00012	[4]
13	5	9	1	12	6	6	0	1272.1028	0.0004	-0.0001	[5]
13	5	9	1	12	6	6	0	1272.10286	0.00010	-0.00007	[4]
9	9	0	1	10	8	3	0	1272.57136	0.00030	-0.00036	[4]

9	9	1	1	10	8	2	0	1272.57136	0.00030	-0.00036	[4]
11	5	6	1	11	4	7	0	1272.6794	0.0004	-0.0001	[5]
11	5	6	1	11	4	7	0	1272.67950	0.00010	0.00004	[4]
4	2	2	1	3	1	3	0	1272.8869	0.0004	-0.0001	[5]
4	2	2	1	3	1	3	0	1272.88707	0.00010	0.00008	[4]
7	2	6	1	6	1	5	0	1273.2891	0.0004	0.0000	[5]
7	2	6	1	6	1	5	0	1273.28920	0.00010	0.00007	[4]
7	5	3	1	8	2	6	0	1273.58787	0.00020	-0.00043	[4]
10	1	9	1	10	0	10	0	1274.6765	0.0004	0.0000	[5]
10	1	9	1	10	0	10	0	1274.67653	0.00010	0.00003	[4]
14	8	7	1	13	9	4	0	1275.12633	0.00030	-0.00066	[4]
14	8	6	1	13	9	5	0	1275.13952	0.00020	0.00018	[4]
13	3	10	1	13	2	11	0	1275.1617	0.0004	0.0000	[5]
13	3	10	1	13	2	11	0	1275.16175	0.00010	0.00004	[4]
3	3	0	1	3	0	3	0	1275.1893	0.0004	-0.0001	[5]
3	3	0	1	3	0	3	0	1275.18930	0.00010	-0.00006	[4]
10	2	9	1	10	1	10	0	1275.8378	0.0004	0.0000	[5]
10	2	9	1	10	1	10	0	1275.83785	0.00010	0.00003	[4]
15	4	11	1	15	3	12	0	1276.28439	0.00010	0.00001	[4]
15	4	11	1	15	3	12	0	1276.2844	0.0004	0.0000	[5]
14	7	8	1	13	8	5	0	1276.77607	0.00020	-0.00002	[4]
11	4	8	1	11	3	9	0	1276.8473	0.0004	-0.0001	[5]
11	4	8	1	11	3	9	0	1276.84751	0.00010	0.00013	[4]
14	7	7	1	13	8	6	0	1276.99975	0.00010	-0.00002	[4]
14	7	7	1	13	8	6	0	1276.9998	0.0004	0.0000	[5]
10	5	5	1	10	4	6	0	1277.7422	0.0004	-0.0001	[5]
10	5	5	1	10	4	6	0	1277.74235	0.00010	0.00007	[4]
10	3	7	1	9	4	6	0	1277.9438	0.0004	0.0000	[5]
10	3	7	1	9	4	6	0	1277.94396	0.00010	0.00013	[4]
10	0	10	1	9	1	9	0	1278.1541	0.0004	-0.0001	[5]
10	0	10	1	9	1	9	0	1278.15425	0.00010	0.00009	[4]
10	1	10	1	9	0	9	0	1278.2489	0.0004	0.0000	[5]
10	1	10	1	9	0	9	0	1278.24900	0.00010	0.00010	[4]
11	3	9	1	11	2	10	0	1278.4024	0.0004	0.0000	[5]
11	3	9	1	11	2	10	0	1278.40250	0.00010	0.00011	[4]
4	3	1	1	4	0	4	0	1280.2831	0.0004	0.0000	[5]
4	3	1	1	4	0	4	0	1280.28322	0.00010	0.00008	[4]
8	2	7	1	7	1	6	0	1280.4473	0.0004	-0.0001	[5]
8	2	7	1	7	1	6	0	1280.44750	0.00010	0.00010	[4]
9	2	7	1	8	3	6	0	1281.0003	0.0004	-0.0001	[5]
9	2	7	1	8	3	6	0	1281.00053	0.00010	0.00009	[4]
9	5	4	1	9	4	5	0	1281.7211	0.0004	-0.0001	[5]
9	5	4	1	9	4	5	0	1281.72129	0.00010	0.00007	[4]
17	6	11	1	17	5	12	0	1282.4642	0.0010	0.0001	[3]
4	3	2	1	3	2	1	0	1282.6628	0.0004	-0.0001	[5]
4	3	2	1	3	2	1	0	1282.66303	0.00010	0.00016	[4]
14	5	10	1	13	6	7	0	1282.83046	0.00010	-0.00011	[4]
14	5	10	1	13	6	7	0	1282.8305	0.0004	-0.0001	[5]
13	5	8	1	12	6	7	0	1282.8461	0.0004	0.0000	[5]
13	5	8	1	12	6	7	0	1282.84640	0.00010	0.00028	[4]
9	1	8	1	8	2	7	0	1283.1881	0.0004	0.0000	[5]
9	1	8	1	8	2	7	0	1283.18820	0.00010	0.00005	[4]
14	6	8	1	13	7	7	0	1283.4209	0.0004	0.0000	[5]
12	2	10	1	12	1	11	0	1283.8010	0.0004	-0.0001	[5]
12	2	10	1	12	1	11	0	1283.80106	0.00010	0.00001	[4]
12	4	9	1	12	3	10	0	1283.8174	0.0004	-0.0010	[5]

12	4	9	1	12	3	10	0	1283.81820	0.00010	-0.00015	[4]
8	5	3	1	8	4	4	0	1284.3306	0.0004	-0.0001	[5]
8	5	3	1	8	4	4	0	1284.33083	0.00010	0.00018	[4]
11	1	10	1	11	0	11	0	1285.13088	0.00010	-0.00006	[4]
11	1	10	1	11	0	11	0	1285.1309	0.0004	0.0000	[5]
4	3	1	1	3	2	2	0	1285.2356	0.0004	0.0000	[5]
4	3	1	1	3	2	2	0	1285.23581	0.00010	0.00019	[4]
11	2	10	1	11	1	11	0	1285.7352	0.0004	-0.0001	[5]
11	2	10	1	11	1	11	0	1285.73535	0.00010	0.00006	[4]
7	5	2	1	7	4	3	0	1285.7838	0.0004	-0.0001	[5]
7	5	2	1	7	4	3	0	1285.78397	0.00010	0.00009	[4]
16	6	10	1	16	5	11	0	1285.8993	0.0010	0.0007	[3]
6	5	1	1	6	4	2	0	1286.4695	0.0004	-0.0001	[5]
6	5	1	1	6	4	2	0	1286.46972	0.00010	0.00014	[4]
8	5	4	1	8	4	5	0	1286.5872	0.0004	0.0000	[5]
8	5	4	1	8	4	5	0	1286.58722	0.00010	0.00000	[4]
7	5	3	1	7	4	4	0	1286.6155	0.0004	0.0000	[5]
7	5	3	1	7	4	4	0	1286.61562	0.00010	0.00011	[4]
6	5	2	1	6	4	3	0	1286.71313	0.00010	-0.00009	[4]
5	5	0	1	5	4	1	0	1286.71988	0.00010	0.00005	[4]
5	5	1	1	5	4	2	0	1286.7711	0.0004	0.0000	[5]
5	5	1	1	5	4	2	0	1286.77120	0.00010	0.00010	[4]
9	5	5	1	9	4	6	0	1286.8217	0.0004	-0.0001	[5]
9	5	5	1	9	4	6	0	1286.82190	0.00010	0.00009	[4]
11	0	11	1	10	1	10	0	1287.0326	0.0004	-0.0001	[5]
11	0	11	1	10	1	10	0	1287.03269	0.00010	0.00003	[4]
11	1	11	1	10	0	10	0	1287.0755	0.0004	0.0000	[5]
11	1	11	1	10	0	10	0	1287.07555	0.00010	0.00004	[4]
10	5	6	1	10	4	7	0	1287.5783	0.0004	-0.0004	[5]
10	5	6	1	10	4	7	0	1287.57861	0.00010	-0.00007	[4]
12	3	10	1	12	2	11	0	1288.0687	0.0004	0.0001	[5]
12	3	10	1	12	2	11	0	1288.06877	0.00010	0.00013	[4]
9	2	8	1	8	1	7	0	1288.3564	0.0004	-0.0001	[5]
9	2	8	1	8	1	7	0	1288.35668	0.00010	0.00017	[4]
5	3	2	1	5	0	5	0	1288.9471	0.0004	-0.0001	[5]
5	3	2	1	5	0	5	0	1288.94734	0.00010	0.00017	[4]
11	5	7	1	11	4	8	0	1289.1405	0.0004	-0.0001	[5]
11	5	7	1	11	4	8	0	1289.14061	0.00010	0.00005	[4]
14	3	11	1	14	2	12	0	1289.4010	0.0004	-0.0002	[5]
14	3	11	1	14	2	12	0	1289.40121	0.00010	0.00001	[4]
12	4	8	1	11	5	7	0	1290.14487	0.00010	-0.00010	[4]
12	4	8	1	11	5	7	0	1290.1450	0.0004	0.0000	[5]
6	5	2	1	7	2	5	0	1290.73484	0.00040	0.00063	[4]
16	4	12	1	16	3	13	0	1290.98515	0.00010	-0.00017	[4]
16	4	12	1	16	3	13	0	1290.9861	0.0010	0.0008	[3]
15	6	9	1	15	5	10	0	1291.3599	0.0004	0.0000	[5]
15	6	9	1	15	5	10	0	1291.35992	0.00010	0.00002	[4]
15	5	11	1	14	6	8	0	1291.67271	0.00010	-0.00011	[4]
15	5	11	1	14	6	8	0	1291.6728	0.0004	0.0000	[5]
12	5	8	1	12	4	9	0	1291.7604	0.0004	-0.0002	[5]
12	5	8	1	12	4	9	0	1291.76058	0.00010	0.00000	[4]
13	4	10	1	13	3	11	0	1291.88190	0.00010	-0.00032	[4]
5	3	3	1	4	2	2	0	1292.4533	0.0004	0.0000	[5]
5	3	3	1	4	2	2	0	1292.45353	0.00010	0.00019	[4]
15	6	10	1	14	7	7	0	1293.2141	0.0004	-0.0009	[5]
15	6	10	1	14	7	7	0	1293.21502	0.00010	-0.00003	[4]

10	1	9	1	9	2	8	0	1294.1830	0.0004	-0.0001	[5]
10	1	9	1	9	2	8	0	1294.18316	0.00010	0.00008	[4]
12	1	11	1	12	0	12	0	1295.2995	0.0004	-0.0001	[5]
12	1	11	1	12	0	12	0	1295.29958	0.00010	0.00001	[4]
13	2	11	1	13	1	12	0	1295.5615	0.0004	0.0000	[5]
13	2	11	1	13	1	12	0	1295.56160	0.00010	0.00009	[4]
13	5	9	1	13	4	10	0	1295.6166	0.0010	0.0010	[3]
12	0	12	1	11	1	11	0	1295.7801	0.0004	-0.0001	[5]
12	0	12	1	11	1	11	0	1295.78016	0.00010	0.00001	[4]
12	1	12	1	11	0	11	0	1295.7990	0.0004	-0.0005	[5]
12	1	12	1	11	0	11	0	1295.79936	0.00010	-0.00018	[4]
5	2	3	1	4	1	4	0	1296.0443	0.0004	-0.0001	[5]
5	2	3	1	4	1	4	0	1296.04446	0.00010	0.00007	[4]
10	2	9	1	9	1	8	0	1296.9316	0.0004	0.0000	[5]
10	2	9	1	9	1	8	0	1296.93172	0.00010	0.00010	[4]
14	6	8	1	14	5	9	0	1297.5296	0.0004	-0.0002	[5]
14	6	8	1	14	5	9	0	1297.52970	0.00010	-0.00005	[4]
10	2	8	1	9	3	7	0	1297.8951	0.0004	-0.0001	[5]
10	2	8	1	9	3	7	0	1297.89527	0.00010	0.00008	[4]
13	3	11	1	13	2	12	0	1298.0261	0.0004	0.0000	[5]
13	3	11	1	13	2	12	0	1298.02620	0.00010	0.00014	[4]
11	3	8	1	10	4	7	0	1298.6839	0.0004	-0.0001	[5]
11	3	8	1	10	4	7	0	1298.68404	0.00010	0.00009	[4]
15	6	9	1	14	7	8	0	1298.79078	0.00010	-0.00004	[4]
15	6	9	1	14	7	8	0	1298.7909	0.0004	0.0001	[5]
5	3	2	1	4	2	3	0	1299.8746	0.0004	-0.0001	[5]
5	3	2	1	4	2	3	0	1299.87484	0.00010	0.00015	[4]
6	3	4	1	5	2	3	0	1300.6094	0.0004	-0.0001	[5]
6	3	4	1	5	2	3	0	1300.60962	0.00010	0.00013	[4]
14	5	10	1	14	4	11	0	1300.7776	0.0004	0.0000	[5]
14	5	10	1	14	4	11	0	1300.77765	0.00010	0.00002	[4]
14	4	11	1	14	3	12	0	1300.80555	0.00010	-0.00007	[4]
7	4	3	1	8	1	8	0	1301.62042	0.00060	-0.00046	[4]
6	3	3	1	6	0	6	0	1301.8335	0.0004	0.0000	[5]
6	3	3	1	6	0	6	0	1301.83359	0.00010	0.00005	[4]
15	3	12	1	15	2	13	0	1302.9925	0.0004	-0.0002	[5]
15	3	12	1	15	2	13	0	1302.99267	0.00010	-0.00005	[4]
13	6	7	1	13	5	8	0	1303.2106	0.0004	0.0000	[5]
13	6	7	1	13	5	8	0	1303.21065	0.00010	0.00004	[4]
13	0	13	1	12	1	12	0	1304.40410	0.00010	0.00007	[4]
13	0	13	1	12	1	12	0	1304.4043	0.0004	0.0003	[5]
13	1	13	1	12	0	12	0	1304.4126	0.0004	-0.0002	[5]
13	1	13	1	12	0	12	0	1304.41280	0.00010	-0.00003	[4]
11	1	10	1	10	2	9	0	1304.5236	0.0004	-0.0001	[5]
11	1	10	1	10	2	9	0	1304.52364	0.00010	-0.00004	[4]
13	1	12	1	13	0	13	0	1305.25440	0.00010	-0.00007	[4]
13	1	12	1	13	0	13	0	1305.2545	0.0004	0.0000	[5]
13	2	12	1	13	1	13	0	1305.4110	0.0004	-0.0001	[5]
13	2	12	1	13	1	13	0	1305.41110	0.00010	-0.00002	[4]
11	2	10	1	10	1	9	0	1305.9362	0.0004	0.0000	[5]
11	2	10	1	10	1	9	0	1305.93629	0.00010	0.00009	[4]
14	2	12	1	14	1	13	0	1306.7271	0.0004	0.0001	[5]
14	2	12	1	14	1	13	0	1306.72713	0.00010	0.00009	[4]
15	5	11	1	15	4	12	0	1307.2069	0.0004	-0.0004	[5]
15	5	11	1	15	4	12	0	1307.20719	0.00010	-0.00011	[4]
7	3	5	1	6	2	4	0	1307.3159	0.0004	-0.0001	[5]

7	3	5	1	6	2	4	0	1307.31614	0.00010	0.00015	[4]
12	6	6	1	12	5	7	0	1307.6497	0.0004	-0.0002	[5]
12	6	6	1	12	5	7	0	1307.64997	0.00010	0.00003	[4]
14	3	12	1	14	2	13	0	1308.1098	0.0004	0.0000	[5]
14	3	12	1	14	2	13	0	1308.10993	0.00010	0.00013	[4]
4	4	1	1	3	3	0	0	1309.4911	0.0004	0.0000	[5]
4	4	1	1	3	3	0	0	1309.49124	0.00010	0.00011	[4]
4	4	0	1	3	3	1	0	1309.5535	0.0004	0.0000	[5]
4	4	0	1	3	3	1	0	1309.55370	0.00010	0.00016	[4]
3	3	1	1	2	0	2	0	1309.7074	0.0004	0.0007	[5]
15	4	12	1	15	3	13	0	1310.3400	0.0004	0.0000	[5]
15	4	12	1	15	3	13	0	1310.34000	0.00010	0.00004	[4]
11	6	5	1	11	5	6	0	1310.6653	0.0004	-0.0001	[5]
11	6	5	1	11	5	6	0	1310.66548	0.00010	0.00005	[4]
13	4	9	1	12	5	8	0	1311.9039	0.0004	0.0000	[5]
13	4	9	1	12	5	8	0	1311.90410	0.00010	0.00017	[4]
10	6	4	1	10	5	5	0	1312.4849	0.0004	-0.0001	[5]
10	6	4	1	10	5	5	0	1312.48508	0.00010	0.00009	[4]
14	0	14	1	13	1	13	0	1312.90910	0.00010	0.00014	[4]
14	1	14	1	13	0	13	0	1312.90910	0.00010	0.00014	[4]
14	0	14	1	13	1	13	0	1312.9093	0.0004	0.0017	[5]
8	3	6	1	7	2	5	0	1312.9713	0.0004	-0.0001	[5]
8	3	6	1	7	2	5	0	1312.97151	0.00010	0.00015	[4]
11	2	9	1	10	3	8	0	1313.1462	0.0004	-0.0004	[5]
9	6	3	1	9	5	4	0	1313.4695	0.0004	0.0000	[5]
9	6	3	1	9	5	4	0	1313.46968	0.00010	0.00015	[4]
11	6	6	1	11	5	7	0	1313.5159	0.0004	-0.0002	[5]
11	6	6	1	11	5	7	0	1313.51606	0.00010	0.00001	[4]
12	6	7	1	12	5	8	0	1313.54940	0.00010	-0.00011	[4]
12	6	7	1	12	5	8	0	1313.5496	0.0004	0.0001	[5]
10	6	5	1	10	5	6	0	1313.6958	0.0004	0.0000	[5]
10	6	5	1	10	5	6	0	1313.69587	0.00010	0.00004	[4]
9	6	4	1	9	5	5	0	1313.9146	0.0004	0.0000	[5]
9	6	4	1	9	5	5	0	1313.91461	0.00010	0.00000	[4]
8	6	2	1	8	5	3	0	1313.9309	0.0004	-0.0001	[5]
8	6	2	1	8	5	3	0	1313.93105	0.00010	0.00010	[4]
13	6	8	1	13	5	9	0	1314.02810	0.00010	-0.00026	[4]
13	6	8	1	13	5	9	0	1314.0283	0.0004	-0.0001	[5]
6	6	0	1	6	5	1	0	1314.0558	0.0004	0.0008	[5]
7	6	1	1	7	5	2	0	1314.08212	0.00010	-0.00021	[4]
7	6	1	1	7	5	2	0	1314.0832	0.0004	0.0009	[5]
7	6	2	1	7	5	3	0	1314.1160	0.0004	0.0000	[5]
7	6	2	1	7	5	3	0	1314.11610	0.00010	0.00007	[4]
12	1	11	1	11	2	10	0	1314.4437	0.0004	-0.0001	[5]
12	1	11	1	11	2	10	0	1314.44394	0.00010	0.00014	[4]
16	5	12	1	16	4	13	0	1314.76877	0.00010	-0.00028	[4]
14	1	13	1	14	0	14	0	1315.0389	0.0004	-0.0002	[5]
14	1	13	1	14	0	14	0	1315.03901	0.00010	-0.00008	[4]
14	2	13	1	14	1	14	0	1315.1180	0.0004	-0.0001	[5]
14	2	13	1	14	1	14	0	1315.11817	0.00010	0.00005	[4]
12	2	11	1	11	1	10	0	1315.1542	0.0004	0.0000	[5]
12	2	11	1	11	1	10	0	1315.15432	0.00010	0.00008	[4]
14	6	9	1	14	5	10	0	1315.2099	0.0010	-0.0010	[3]
16	3	13	1	16	2	14	0	1315.72223	0.00010	-0.00031	[4]
16	3	13	1	16	2	14	0	1315.7233	0.0030	0.0008	[3]
6	3	3	1	5	2	4	0	1316.7698	0.0004	0.0000	[5]

6	3	3	1	5	2	4	0	1316.76993	0.00010	0.00013	[4]
15	6	10	1	15	5	11	0	1317.3391	0.0004	0.0000	[5]
15	6	10	1	15	5	11	0	1317.33910	0.00010	-0.00002	[4]
15	2	13	1	15	1	14	0	1317.4452	0.0004	0.0000	[5]
15	2	13	1	15	1	14	0	1317.44526	0.00010	0.00006	[4]
15	3	13	1	15	2	14	0	1318.2069	0.0004	0.0001	[5]
15	3	13	1	15	2	14	0	1318.20692	0.00010	0.00012	[4]
12	3	9	1	11	4	8	0	1318.8733	0.0004	0.0000	[5]
12	3	9	1	11	4	8	0	1318.87342	0.00010	0.00012	[4]
7	3	4	1	7	0	7	0	1319.40694	0.00010	0.00003	[4]
7	3	4	1	7	0	7	0	1319.4072	0.0004	0.0003	[5]
16	4	13	1	16	3	14	0	1320.2602	0.0010	0.0033	[3]
18	4	14	1	18	3	15	0	1320.6748	0.0010	-0.0004	[3]
15	0	15	1	14	1	14	0	1321.29227	0.00010	-0.00017	[4]
15	1	15	1	14	0	14	0	1321.2936	0.0004	-0.0007	[5]
15	1	15	1	14	0	14	0	1321.29450	0.00010	0.00020	[4]
5	4	2	1	4	3	1	0	1321.6402	0.0004	0.0000	[5]
5	4	2	1	4	3	1	0	1321.64039	0.00010	0.00015	[4]
5	4	1	1	4	3	2	0	1322.0743	0.0004	0.0000	[5]
5	4	1	1	4	3	2	0	1322.07445	0.00010	0.00012	[4]
6	2	4	1	5	1	5	0	1322.7078	0.0004	-0.0001	[5]
6	2	4	1	5	1	5	0	1322.70787	0.00010	0.00001	[4]
15	5	10	1	14	6	9	0	1322.81588	0.00010	0.00003	[4]
5	4	1	1	5	1	4	0	1323.0229	0.0004	-0.0001	[5]
5	4	1	1	5	1	4	0	1323.02310	0.00010	0.00009	[4]
17	5	13	1	17	4	14	0	1323.2620	0.0010	0.0008	[3]
10	3	8	1	9	2	7	0	1323.4001	0.0004	0.0000	[5]
10	3	8	1	9	2	7	0	1323.40022	0.00010	0.00010	[4]
13	1	12	1	12	2	11	0	1324.0888	0.0004	0.0000	[5]
13	1	12	1	12	2	11	0	1324.08893	0.00010	0.00008	[4]
13	2	12	1	12	1	11	0	1324.4416	0.0004	0.0000	[5]
13	2	12	1	12	1	11	0	1324.44174	0.00010	0.00010	[4]
13	2	12	1	12	1	11	0	1324.4421	0.0010	0.0005	[3]
4	3	2	1	3	0	3	0	1324.4668	0.0004	-0.0001	[5]
4	3	2	1	3	0	3	0	1324.46703	0.00010	0.00014	[4]
15	1	14	1	15	0	15	0	1324.67869	0.00010	-0.00015	[4]
15	1	14	1	15	0	15	0	1324.6788	0.0004	0.0000	[5]
15	2	14	1	15	1	15	0	1324.71857	0.00010	-0.00013	[4]
15	2	14	1	15	1	15	0	1324.7188	0.0004	0.0001	[5]
4	4	0	1	4	1	3	0	1325.07197	0.00010	-0.00007	[4]
4	4	0	1	4	1	3	0	1325.0728	0.0004	0.0008	[5]
7	4	3	1	7	1	6	0	1325.7162	0.0004	-0.0001	[5]
7	4	3	1	7	1	6	0	1325.71635	0.00010	0.00008	[4]
12	2	10	1	11	3	9	0	1326.75909	0.00010	0.00011	[4]
12	2	10	1	11	3	9	0	1326.7591	0.0004	0.0001	[5]
17	3	14	1	17	2	15	0	1327.65374	0.00020	-0.00007	[4]
16	2	14	1	16	1	15	0	1327.83136	0.00010	0.00003	[4]
16	2	14	1	16	1	15	0	1327.8315	0.0004	0.0002	[5]
16	3	14	1	16	2	15	0	1328.24627	0.00010	0.00009	[4]
16	3	14	1	16	2	15	0	1328.2483	0.0030	0.0021	[3]
11	3	9	1	10	2	8	0	1329.4284	0.0004	0.0000	[5]
11	3	9	1	10	2	8	0	1329.42856	0.00010	0.00014	[4]
16	0	16	1	15	1	15	0	1329.55942	0.00010	0.00018	[4]
16	0	16	1	15	1	15	0	1329.5595	0.0004	0.0003	[5]
16	1	16	1	15	0	15	0	1329.56002	0.00010	-0.00009	[4]
16	7	9	1	16	6	10	0	1329.9713	0.0020	-0.0004	[3]

8	4	4	1	8	1	7	0	1332.56358	0.00010	0.00005	[4]
6	4	3	1	5	3	2	0	1333.1922	0.0004	0.0000	[5]
6	4	3	1	5	3	2	0	1333.19233	0.00010	0.00012	[4]
14	1	13	1	13	2	12	0	1333.5415	0.0004	0.0000	[5]
14	1	13	1	13	2	12	0	1333.54162	0.00010	0.00009	[4]
14	2	13	1	13	1	12	0	1333.7155	0.0004	-0.0001	[5]
14	2	13	1	13	1	12	0	1333.71569	0.00010	0.00009	[4]
14	4	10	1	13	5	9	0	1334.08039	0.00010	0.00006	[4]
14	4	10	1	13	5	9	0	1334.0804	0.0004	0.0001	[5]
16	1	15	1	16	0	16	0	1334.1884	0.0004	-0.0004	[5]
16	1	15	1	16	0	16	0	1334.18867	0.00010	-0.00017	[4]
16	2	15	1	16	1	16	0	1334.2103	0.0010	0.0013	[3]
6	4	2	1	5	3	3	0	1334.8829	0.0004	0.0000	[5]
6	4	2	1	5	3	3	0	1334.88311	0.00010	0.00018	[4]
12	3	10	1	11	2	9	0	1336.5160	0.0004	0.0000	[5]
12	3	10	1	11	2	9	0	1336.51617	0.00010	0.00014	[4]
7	3	4	1	6	2	5	0	1336.8080	0.0004	-0.0001	[5]
7	3	4	1	6	2	5	0	1336.80818	0.00010	0.00008	[4]
17	0	17	1	16	1	16	0	1337.70887	0.00020	0.00016	[4]
17	1	17	1	16	0	16	0	1337.70887	0.00020	0.00016	[4]
13	3	10	1	12	4	9	0	1337.8157	0.0004	-0.0014	[5]
14	7	7	1	14	6	8	0	1337.8475	0.0004	-0.0001	[5]
14	7	7	1	14	6	8	0	1337.84759	0.00010	-0.00004	[4]
17	2	15	1	17	1	16	0	1337.96227	0.00020	-0.00012	[4]
18	3	15	1	18	2	16	0	1338.94434	0.00020	-0.00001	[4]
13	2	11	1	12	3	10	0	1339.0308	0.0004	-0.0001	[5]
13	2	11	1	12	3	10	0	1339.03098	0.00010	0.00012	[4]
13	7	6	1	13	6	7	0	1339.88393	0.00010	-0.00022	[4]
14	7	8	1	14	6	9	0	1341.0261	0.0004	-0.0003	[5]
12	7	5	1	12	6	6	0	1341.07090	0.00010	-0.00039	[4]
12	7	5	1	12	6	6	0	1341.0712	0.0004	-0.0001	[5]
13	7	7	1	13	6	8	0	1341.3538	0.0004	-0.0006	[5]
13	7	7	1	13	6	8	0	1341.35480	0.00010	0.00043	[4]
7	7	1	1	7	6	2	0	1341.6333	0.0004	-0.0002	[5]
7	7	0	1	7	6	1	0	1341.63354	0.00020	0.00024	[4]
7	7	1	1	7	6	2	0	1341.63354	0.00020	0.00024	[4]
5	3	3	1	4	0	4	0	1341.6445	0.0004	0.0000	[5]
5	3	3	1	4	0	4	0	1341.64463	0.00010	0.00011	[4]
12	7	6	1	12	6	7	0	1341.68296	0.00010	0.00014	[4]
11	7	4	1	11	6	5	0	1341.6939	0.0004	-0.0001	[5]
11	7	4	1	11	6	5	0	1341.69395	0.00010	-0.00005	[4]
8	3	5	1	8	0	8	0	1341.75957	0.00010	-0.00010	[4]
8	3	5	1	8	0	8	0	1341.7597	0.0004	0.0000	[5]
8	7	1	1	8	6	2	0	1341.8539	0.0004	0.0010	[5]
8	7	1	1	8	6	2	0	1341.85412	0.00020	-0.00015	[4]
8	7	2	1	8	6	3	0	1341.85412	0.00020	-0.00015	[4]
11	7	5	1	11	6	6	0	1341.9197	0.0004	-0.0001	[5]
11	7	5	1	11	6	6	0	1341.91992	0.00010	0.00013	[4]
10	7	3	1	10	6	4	0	1341.9528	0.0004	-0.0002	[5]
10	7	3	1	10	6	4	0	1341.95304	0.00010	0.00003	[4]
9	7	2	1	9	6	3	0	1341.9782	0.0004	-0.0001	[5]
9	7	2	1	9	6	3	0	1341.97832	0.00010	0.00006	[4]
9	7	3	1	9	6	4	0	1341.9977	0.0004	0.0000	[5]
9	7	3	1	9	6	4	0	1341.99773	0.00010	-0.00001	[4]
10	7	4	1	10	6	5	0	1342.0252	0.0004	-0.0002	[5]
10	7	4	1	10	6	5	0	1342.02571	0.00010	0.00028	[4]

15	1	14	1	14	2	13	0	1342.8467	0.0004	0.0000	[5]
15	1	14	1	14	2	13	0	1342.84682	0.00010	0.00010	[4]
15	2	14	1	14	1	13	0	1342.9324	0.0004	-0.0001	[5]
15	2	14	1	14	1	13	0	1342.93260	0.00010	0.00014	[4]
7	4	4	1	6	3	3	0	1343.5828	0.0004	0.0000	[5]
7	4	4	1	6	3	3	0	1343.58294	0.00010	0.00012	[4]
9	4	5	1	9	1	8	0	1344.0255	0.0004	0.0002	[5]
9	4	5	1	9	1	8	0	1344.02562	0.00010	0.00028	[4]
13	3	11	1	12	2	10	0	1344.6050	0.0004	0.0000	[5]
13	3	11	1	12	2	10	0	1344.60514	0.00010	0.00017	[4]
16	5	11	1	15	6	10	0	1345.1108	0.0010	-0.0005	[3]
18	0	18	1	17	1	17	0	1345.7407	0.0004	0.0000	[5]
18	0	18	1	17	1	17	0	1345.74083	0.00020	0.00007	[4]
18	1	18	1	17	0	17	0	1345.74083	0.00020	0.00007	[4]
18	3	16	1	18	2	17	0	1348.00775	0.00030	-0.00004	[4]
7	4	3	1	6	3	4	0	1348.3743	0.0004	0.0000	[5]
7	4	3	1	6	3	4	0	1348.37441	0.00010	0.00010	[4]
5	5	1	1	4	4	0	0	1348.46160	0.00010	-0.00017	[4]
5	5	0	1	4	4	1	0	1348.46785	0.00010	-0.00027	[4]
14	2	12	1	13	3	11	0	1350.3422	0.0004	0.0000	[5]
14	2	12	1	13	3	11	0	1350.34241	0.00010	0.00017	[4]
16	1	15	1	15	2	14	0	1352.0283	0.0004	-0.0001	[5]
16	1	15	1	15	2	14	0	1352.02842	0.00010	0.00001	[4]
16	2	15	1	15	1	14	0	1352.07066	0.00010	-0.00006	[4]
16	2	15	1	15	1	14	0	1352.0707	0.0004	0.0000	[5]
8	4	5	1	7	3	4	0	1352.2861	0.0004	0.0000	[5]
8	4	5	1	7	3	4	0	1352.28625	0.00010	0.00012	[4]
7	2	5	1	6	1	6	0	1352.37618	0.00010	0.00003	[4]
7	2	5	1	6	1	6	0	1352.3763	0.0004	0.0002	[5]
18	1	17	1	18	0	18	0	1352.85494	0.00020	-0.00004	[4]
18	2	17	1	18	1	18	0	1352.85948	0.00030	-0.00075	[4]
14	3	12	1	13	2	11	0	1353.4233	0.0004	0.0000	[5]
14	3	12	1	13	2	11	0	1353.42350	0.00010	0.00016	[4]
19	1	19	1	18	0	18	0	1353.65640	0.00010	0.00000	[4]
19	0	19	1	18	1	18	0	1353.65650	0.00020	0.00020	[4]
14	3	11	1	13	4	10	0	1355.0263	0.0004	-0.0001	[5]
14	3	11	1	13	4	10	0	1355.02640	0.00010	0.00005	[4]
15	4	11	1	14	5	10	0	1355.9071	0.0004	0.0003	[5]
5	4	2	1	5	1	5	0	1357.67354	0.00010	-0.00020	[4]
5	4	2	1	5	1	5	0	1357.6738	0.0004	0.0001	[5]
9	4	6	1	8	3	5	0	1359.1232	0.0004	-0.0001	[5]
9	4	6	1	8	3	5	0	1359.12342	0.00010	0.00015	[4]
8	3	5	1	7	2	6	0	1360.5116	0.0004	-0.0006	[5]
6	5	2	1	5	4	1	0	1360.8730	0.0004	0.0000	[5]
6	5	2	1	5	4	1	0	1360.87313	0.00010	0.00012	[4]
6	5	1	1	5	4	2	0	1360.9293	0.0004	-0.0001	[5]
6	5	1	1	5	4	2	0	1360.92950	0.00010	0.00007	[4]
15	2	13	1	14	3	12	0	1361.0144	0.0010	0.0007	[3]
17	1	16	1	16	2	15	0	1361.09966	0.00010	0.00000	[4]
17	1	16	1	16	2	15	0	1361.1000	0.0004	0.0003	[5]
17	2	16	1	16	1	15	0	1361.12065	0.00010	0.00002	[4]
17	2	16	1	16	1	15	0	1361.1210	0.0004	0.0004	[5]
20	0	20	1	19	1	19	0	1361.45587	0.00020	-0.00011	[4]
20	1	20	1	19	0	19	0	1361.45587	0.00020	-0.00011	[4]
6	3	4	1	5	0	5	0	1361.5629	0.0004	0.0000	[5]
6	3	4	1	5	0	5	0	1361.56302	0.00010	0.00013	[4]

19	1	18	1	19	0	19	0	1362.02438	0.00020	-0.00031	[4]
19	2	18	1	19	1	19	0	1362.02438	0.00020	-0.00031	[4]
15	3	13	1	14	2	12	0	1362.6806	0.0004	0.0000	[5]
15	3	13	1	14	2	12	0	1362.68084	0.00010	0.00022	[4]
8	4	4	1	7	3	5	0	1363.1878	0.0004	0.0000	[5]
8	4	4	1	7	3	5	0	1363.18803	0.00010	0.00018	[4]
10	4	7	1	9	3	6	0	1364.3379	0.0004	0.0000	[5]
10	4	7	1	9	3	6	0	1364.33804	0.00010	0.00012	[4]
11	4	8	1	10	3	7	0	1368.4383	0.0004	0.0000	[5]
11	4	8	1	10	3	7	0	1368.43842	0.00010	0.00010	[4]
9	3	6	1	9	0	9	0	1368.4903	0.0004	-0.0001	[5]
9	3	6	1	9	0	9	0	1368.49069	0.00010	0.00024	[4]
6	4	3	1	6	1	6	0	1369.09669	0.00010	0.00015	[4]
8	8	0	1	8	7	1	0	1369.1259	0.0004	-0.0002	[5]
8	8	0	1	8	7	1	0	1369.12601	0.00020	-0.00007	[4]
8	8	1	1	8	7	2	0	1369.12601	0.00020	-0.00007	[4]
21	1	21	1	20	0	20	0	1369.14062	0.00010	0.00014	[4]
21	0	21	1	20	1	20	0	1369.14062	0.00020	0.00017	[4]
21	1	21	1	20	0	20	0	1369.1411	0.0010	0.0006	[3]
9	8	2	1	9	7	3	0	1369.5300	0.0004	-0.0001	[5]
9	8	1	1	9	7	2	0	1369.53000	0.00020	0.00004	[4]
9	8	2	1	9	7	3	0	1369.53000	0.00020	0.00004	[4]
15	8	8	1	15	7	9	0	1369.8178	0.0010	-0.0003	[3]
10	8	2	1	10	7	3	0	1369.8758	0.0004	0.0007	[5]
10	8	2	1	10	7	3	0	1369.87603	0.00020	0.00010	[4]
10	8	3	1	10	7	4	0	1369.87603	0.00020	0.00010	[4]
18	1	17	1	17	2	16	0	1370.0691	0.0010	0.0010	[3]
18	2	17	1	17	1	16	0	1370.0797	0.0010	0.0011	[3]
11	8	3	1	11	7	4	0	1370.12860	0.00010	0.00012	[4]
11	8	3	1	11	7	4	0	1370.1289	0.0004	0.0004	[5]
11	8	4	1	11	7	5	0	1370.13870	0.00010	-0.00025	[4]
11	8	4	1	11	7	5	0	1370.1391	0.0004	0.0002	[5]
13	8	5	1	13	7	6	0	1370.1771	0.0004	0.0000	[5]
13	8	5	1	13	7	6	0	1370.17714	0.00010	0.00003	[4]
12	8	4	1	12	7	5	0	1370.2478	0.0004	-0.0001	[5]
12	8	4	1	12	7	5	0	1370.24785	0.00010	-0.00001	[4]
9	5	4	1	9	2	7	0	1370.3297	0.0004	0.0000	[5]
9	5	4	1	9	2	7	0	1370.32986	0.00010	0.00014	[4]
15	3	12	1	14	4	11	0	1370.36695	0.00010	-0.00005	[4]
16	2	14	1	15	3	13	0	1371.2681	0.0004	0.0000	[5]
16	2	14	1	15	3	13	0	1371.26820	0.00010	0.00015	[4]
12	4	9	1	11	3	8	0	1372.0643	0.0004	-0.0001	[5]
12	4	9	1	11	3	8	0	1372.06450	0.00010	0.00014	[4]
8	5	3	1	8	2	6	0	1372.8678	0.0004	-0.0008	[5]
7	5	3	1	6	4	2	0	1373.1053	0.0004	-0.0001	[5]
7	5	3	1	6	4	2	0	1373.10553	0.00010	0.00012	[4]
7	5	2	1	6	4	3	0	1373.3808	0.0004	-0.0001	[5]
7	5	2	1	6	4	3	0	1373.38102	0.00010	0.00012	[4]
11	5	6	1	11	2	9	0	1375.8206	0.0004	-0.0002	[5]
11	5	6	1	11	2	9	0	1375.82091	0.00010	0.00009	[4]
13	4	10	1	12	3	9	0	1375.9219	0.0004	-0.0001	[5]
13	4	10	1	12	3	9	0	1375.92208	0.00010	0.00011	[4]
22	0	22	1	21	1	21	0	1376.71051	0.00010	-0.00019	[4]
22	0	22	1	21	1	21	0	1376.7109	0.0010	0.0002	[3]
7	5	2	1	7	2	5	0	1377.4019	0.0004	0.0000	[5]
19	1	18	1	18	2	17	0	1378.93876	0.00010	-0.00007	[4]

19	2	18	1	18	1	17	0	1378.9432	0.0010	-0.0009	[3]
9	4	5	1	8	3	6	0	1380.1708	0.0004	-0.0001	[5]
9	4	5	1	8	3	6	0	1380.17100	0.00010	0.00014	[4]
14	4	11	1	13	3	10	0	1380.6599	0.0004	0.0001	[5]
14	4	11	1	13	3	10	0	1380.65995	0.00010	0.00011	[4]
14	4	11	1	13	3	10	0	1380.65995	0.00010	0.00011	[4]
17	2	15	1	16	3	14	0	1381.2444	0.0004	0.0001	[5]
17	2	15	1	16	3	14	0	1381.24445	0.00010	0.00011	[4]
17	3	15	1	16	2	14	0	1381.7162	0.0004	0.0001	[5]
17	3	15	1	16	2	14	0	1381.71624	0.00010	0.00012	[4]
11	4	7	1	11	1	10	0	1382.03951	0.00010	-0.00002	[4]
11	4	7	1	11	1	10	0	1382.0396	0.0004	0.0001	[5]
6	5	1	1	6	2	4	0	1382.7363	0.0004	0.0002	[5]
6	5	1	1	6	2	4	0	1382.73655	0.00010	0.00041	[4]
7	4	4	1	7	1	7	0	1383.2629	0.0004	0.0002	[5]
16	3	13	1	15	4	12	0	1384.04509	0.00010	0.00000	[4]
16	3	13	1	15	4	12	0	1384.0462	0.0010	0.0011	[3]
7	3	5	1	6	0	6	0	1384.0593	0.0004	0.0000	[5]
7	3	5	1	6	0	6	0	1384.05949	0.00010	0.00014	[4]
8	2	6	1	7	1	7	0	1384.2828	0.0004	0.0000	[5]
8	2	6	1	7	1	7	0	1384.28300	0.00010	0.00016	[4]
8	5	4	1	7	4	3	0	1384.9251	0.0004	-0.0001	[5]
8	5	4	1	7	4	3	0	1384.92534	0.00010	0.00014	[4]
12	5	7	1	12	2	10	0	1385.45497	0.00010	-0.00052	[4]
12	5	7	1	12	2	10	0	1385.4558	0.0004	0.0003	[5]
8	5	3	1	7	4	4	0	1385.8957	0.0004	-0.0001	[5]
8	5	3	1	7	4	4	0	1385.89593	0.00010	0.00013	[4]
15	4	12	1	14	3	11	0	1386.6660	0.0004	-0.0001	[5]
15	4	12	1	14	3	11	0	1386.66610	0.00010	0.00000	[4]
5	4	2	1	4	1	3	0	1386.8298	0.0004	0.0000	[5]
5	4	2	1	4	1	3	0	1386.82993	0.00010	0.00013	[4]
20	1	19	1	19	2	18	0	1387.71716	0.00020	0.00063	[4]
20	2	19	1	19	1	18	0	1387.71716	0.00020	0.00063	[4]
20	1	19	1	19	2	18	0	1387.7175	0.0010	0.0019	[3]
9	3	6	1	8	2	7	0	1387.8499	0.0004	0.0000	[5]
9	3	6	1	8	2	7	0	1387.84996	0.00010	0.00003	[4]
6	6	0	1	5	5	1	0	1388.1130	0.0004	-0.0002	[5]
6	6	0	1	5	5	1	0	1388.11314	0.00020	0.00009	[4]
6	6	1	1	5	5	0	0	1388.11314	0.00020	0.00009	[4]
18	2	16	1	17	3	15	0	1391.0264	0.0010	0.0021	[3]
18	5	13	1	17	6	12	0	1391.1162	0.0010	0.0003	[3]
18	3	16	1	17	2	15	0	1391.27378	0.00010	0.00007	[4]
18	3	16	1	17	2	15	0	1391.2738	0.0010	0.0001	[3]
24	0	24	1	23	1	23	0	1391.51256	0.00020	-0.00009	[4]
24	1	24	1	23	0	23	0	1391.51256	0.00020	-0.00009	[4]
4	4	0	1	3	1	3	0	1391.6528	0.0004	0.0000	[5]
4	4	0	1	3	1	3	0	1391.65287	0.00010	0.00012	[4]
16	4	13	1	15	3	12	0	1393.95585	0.00010	0.00005	[4]
17	4	13	1	16	5	12	0	1395.7397	0.0010	0.0009	[3]
9	5	5	1	8	4	4	0	1395.9371	0.0004	-0.0001	[5]
9	5	5	1	8	4	4	0	1395.93732	0.00010	0.00011	[4]
9	9	0	1	9	8	1	0	1396.24131	0.00020	-0.00023	[4]
9	9	1	1	9	8	2	0	1396.24131	0.00020	-0.00023	[4]
9	9	1	1	9	8	2	0	1396.2414	0.0004	-0.0001	[5]
21	2	20	1	20	1	19	0	1396.4041	0.0010	0.0008	[3]
21	1	20	1	20	2	19	0	1396.40445	0.00020	0.00160	[4]

21	2	20	1	20	1	19	0	1396.40445	0.00020	0.00160	[4]
17	3	14	1	16	4	13	0	1396.43649	0.00010	-0.00007	[4]
17	3	14	1	16	4	13	0	1396.4372	0.0010	0.0006	[3]
10	9	1	1	10	8	2	0	1396.8342	0.0004	0.0000	[5]
10	9	1	1	10	8	2	0	1396.83434	0.00020	0.00013	[4]
10	9	2	1	10	8	3	0	1396.83434	0.00020	0.00013	[4]
6	4	3	1	5	1	4	0	1397.26490	0.00010	0.00018	[4]
11	9	2	1	11	8	3	0	1397.38988	0.00020	0.00031	[4]
11	9	3	1	11	8	4	0	1397.38988	0.00020	0.00031	[4]
11	9	3	1	11	8	4	0	1397.3904	0.0004	0.0007	[5]
12	9	3	1	12	8	4	0	1397.8813	0.0004	0.0004	[5]
13	9	5	1	13	8	6	0	1398.2834	0.0004	-0.0016	[5]
13	9	4	1	13	8	5	0	1398.28380	0.00010	0.00056	[4]
13	9	5	1	13	8	6	0	1398.28380	0.00010	0.00056	[4]
9	5	4	1	8	4	5	0	1398.6730	0.0004	-0.0001	[5]
9	5	4	1	8	4	5	0	1398.67311	0.00010	0.00006	[4]
15	9	7	1	15	8	8	0	1398.7094	0.0010	-0.0002	[3]
10	3	7	1	10	0	10	0	1398.8224	0.0004	-0.0001	[5]
10	3	7	1	10	0	10	0	1398.82264	0.00010	0.00018	[4]
10	4	6	1	9	3	7	0	1400.19818	0.00010	0.00011	[4]
7	6	2	1	6	5	1	0	1400.64658	0.00010	0.00006	[4]
7	6	1	1	6	5	2	0	1400.65290	0.00010	-0.00002	[4]
19	3	17	1	18	2	16	0	1400.78621	0.00010	-0.00011	[4]
19	3	17	1	18	2	16	0	1400.7866	0.0010	0.0003	[3]
17	4	14	1	16	3	13	0	1402.27223	0.00010	0.00007	[4]
6	5	2	1	6	2	5	0	1403.90280	0.00030	0.00004	[4]
10	5	6	1	9	4	5	0	1405.6047	0.0004	-0.0001	[5]
10	5	6	1	9	4	5	0	1405.60488	0.00010	0.00012	[4]
18	3	15	1	17	4	14	0	1407.9172	0.0010	-0.0002	[3]
18	3	15	1	17	4	14	0	1407.91727	0.00010	-0.00009	[4]
12	4	8	1	12	1	11	0	1408.27995	0.00010	0.00005	[4]
8	3	6	1	7	0	7	0	1408.7386	0.0004	-0.0001	[5]
8	3	6	1	7	0	7	0	1408.73890	0.00010	0.00019	[4]
7	5	3	1	7	2	6	0	1409.3710	0.0004	0.0000	[5]
7	5	3	1	7	2	6	0	1409.37113	0.00010	0.00017	[4]
7	4	4	1	6	1	5	0	1409.4647	0.0004	-0.0002	[5]
7	4	4	1	6	1	5	0	1409.46500	0.00010	0.00014	[4]
20	2	18	1	19	3	17	0	1410.1604	0.0030	-0.0003	[3]
20	2	18	1	19	3	17	0	1410.16097	0.00010	0.00026	[4]
5	4	1	1	4	1	4	0	1410.6486	0.0004	0.0001	[5]
5	4	1	1	4	1	4	0	1410.64876	0.00010	0.00023	[4]
18	4	15	1	17	3	14	0	1411.28021	0.00010	0.00007	[4]
18	4	15	1	17	3	14	0	1411.2804	0.0010	0.0003	[3]
10	5	5	1	9	4	6	0	1412.0910	0.0004	-0.0001	[5]
10	5	5	1	9	4	6	0	1412.09117	0.00010	0.00007	[4]
18	4	14	1	17	5	13	0	1412.8707	0.0010	-0.0002	[3]
8	6	3	1	7	5	2	0	1413.0988	0.0004	-0.0001	[5]
8	6	3	1	7	5	2	0	1413.09895	0.00010	0.00005	[4]
8	6	2	1	7	5	3	0	1413.1361	0.0004	-0.0001	[5]
8	6	2	1	7	5	3	0	1413.13629	0.00010	0.00009	[4]
11	5	7	1	10	4	6	0	1413.4278	0.0004	-0.0001	[5]
11	5	7	1	10	4	6	0	1413.42800	0.00010	0.00012	[4]
13	6	7	1	13	3	10	0	1416.69709	0.00030	0.00005	[4]
9	2	7	1	8	1	8	0	1417.4671	0.0004	0.0001	[5]
9	2	7	1	8	1	8	0	1417.46716	0.00010	0.00012	[4]
10	3	7	1	9	2	8	0	1418.3290	0.0004	0.0000	[5]

10	3	7	1	9	2	8	0	1418.32909	0.00010	0.00006	[4]
12	6	6	1	12	3	9	0	1418.34517	0.00020	-0.00017	[4]
19	3	16	1	18	4	15	0	1418.78137	0.00020	-0.00014	[4]
19	3	16	1	18	4	15	0	1418.7814	0.0010	-0.0001	[3]
14	6	8	1	14	3	11	0	1419.19934	0.00020	0.00021	[4]
12	5	8	1	11	4	7	0	1419.2175	0.0004	-0.0002	[5]
12	5	8	1	11	4	7	0	1419.21780	0.00010	0.00012	[4]
21	3	19	1	20	2	18	0	1419.5935	0.0030	-0.0018	[3]
21	3	19	1	20	2	18	0	1419.59501	0.00020	-0.00026	[4]
9	4	6	1	9	1	9	0	1419.82464	0.00020	0.00011	[4]
19	4	16	1	18	3	15	0	1420.69316	0.00010	0.00012	[4]
19	4	16	1	18	3	15	0	1420.6933	0.0010	0.0003	[3]
10	10	0	1	10	9	1	0	1422.73710	0.00020	-0.00085	[4]
10	10	1	1	10	9	2	0	1422.73710	0.00020	-0.00085	[4]
11	6	5	1	11	3	8	0	1423.14349	0.00030	0.00014	[4]
13	5	9	1	12	4	8	0	1423.2134	0.0004	-0.0002	[5]
13	5	9	1	12	4	8	0	1423.21362	0.00010	0.00003	[4]
11	10	1	1	11	9	2	0	1423.5280	0.0004	-0.0001	[5]
11	10	1	1	11	9	2	0	1423.52806	0.00020	-0.00001	[4]
11	10	2	1	11	9	3	0	1423.52806	0.00020	-0.00001	[4]
11	4	7	1	10	3	8	0	1423.8617	0.0004	0.0000	[5]
11	4	7	1	10	3	8	0	1423.86196	0.00010	0.00027	[4]
8	4	5	1	7	1	6	0	1424.2993	0.0004	-0.0002	[5]
8	4	5	1	7	1	6	0	1424.29942	0.00010	-0.00010	[4]
13	10	3	1	13	9	4	0	1425.01066	0.00020	-0.00022	[4]
13	10	4	1	13	9	5	0	1425.01066	0.00020	-0.00022	[4]
13	10	4	1	13	9	5	0	1425.0108	0.0010	-0.0001	[3]
9	6	4	1	8	5	3	0	1425.3877	0.0004	-0.0001	[5]
9	6	4	1	8	5	3	0	1425.38787	0.00010	0.00007	[4]
9	6	3	1	8	5	4	0	1425.5430	0.0004	-0.0001	[5]
9	6	3	1	8	5	4	0	1425.54320	0.00010	0.00009	[4]
14	5	10	1	13	4	9	0	1425.9631	0.0004	-0.0003	[5]
14	5	10	1	13	4	9	0	1425.96349	0.00010	0.00007	[4]
15	6	9	1	15	3	12	0	1426.50985	0.00070	0.00012	[4]
11	5	6	1	10	4	7	0	1426.7403	0.0004	-0.0001	[5]
11	5	6	1	10	4	7	0	1426.74049	0.00010	0.00007	[4]
9	5	5	1	9	2	8	0	1427.20738	0.00010	0.00038	[4]
7	7	1	1	6	6	0	0	1428.0764	0.0004	0.0000	[5]
7	7	0	1	6	6	1	0	1428.07651	0.00020	0.00007	[4]
7	7	1	1	6	6	0	0	1428.07651	0.00020	0.00007	[4]
19	4	15	1	18	5	14	0	1428.0985	0.0010	-0.0006	[3]
15	5	11	1	14	4	10	0	1428.1613	0.0004	-0.0001	[5]
15	5	11	1	14	4	10	0	1428.16161	0.00010	0.00018	[4]
20	3	17	1	19	4	16	0	1429.23029	0.00020	0.00003	[4]
20	3	17	1	19	4	16	0	1429.2311	0.0010	0.0008	[3]
10	6	4	1	10	3	7	0	1429.87579	0.00020	0.00004	[4]
20	4	17	1	19	3	16	0	1430.3079	0.0010	-0.0004	[3]
20	4	17	1	19	3	16	0	1430.30800	0.00030	-0.00028	[4]
16	5	12	1	15	4	11	0	1430.5495	0.0010	-0.0023	[3]
16	5	12	1	15	4	11	0	1430.55203	0.00010	0.00019	[4]
6	4	2	1	5	1	5	0	1432.1704	0.0004	0.0000	[5]
6	4	2	1	5	1	5	0	1432.17059	0.00010	0.00020	[4]
17	5	13	1	16	4	12	0	1433.8259	0.0010	-0.0001	[3]
9	3	7	1	8	0	8	0	1435.1460	0.0004	-0.0001	[5]
9	3	7	1	8	0	8	0	1435.14631	0.00010	0.00018	[4]
9	6	3	1	9	3	6	0	1437.32104	0.00030	0.00021	[4]

10	6	5	1	9	5	4	0	1437.3719	0.0004	-0.0001	[5]
10	6	5	1	9	5	4	0	1437.37211	0.00010	0.00011	[4]
10	6	4	1	9	5	5	0	1437.8873	0.0004	-0.0001	[5]
10	6	4	1	9	5	5	0	1437.88748	0.00010	0.00010	[4]
23	3	21	1	22	2	20	0	1438.06585	0.00080	-0.00101	[4]
8	7	1	1	7	6	2	0	1440.7219	0.0004	-0.0003	[5]
8	7	1	1	7	6	2	0	1440.72205	0.00020	0.00008	[4]
8	7	2	1	7	6	1	0	1440.72205	0.00020	0.00008	[4]
20	4	16	1	19	5	15	0	1441.7185	0.0010	-0.0017	[3]
9	4	6	1	8	1	7	0	1442.1817	0.0004	-0.0001	[5]
9	4	6	1	8	1	7	0	1442.18194	0.00010	0.00009	[4]
12	5	7	1	11	4	8	0	1443.3996	0.0004	-0.0001	[5]
12	5	7	1	11	4	8	0	1443.39977	0.00010	0.00011	[4]
8	6	2	1	8	3	5	0	1444.38521	0.00030	0.00028	[4]
19	5	15	1	18	4	14	0	1444.5798	0.0010	0.0006	[3]
11	11	0	1	11	10	1	0	1448.42469	0.00020	-0.00001	[4]
11	11	1	1	11	10	2	0	1448.42469	0.00020	-0.00001	[4]
11	6	6	1	10	5	5	0	1448.8090	0.0004	-0.0001	[5]
11	6	6	1	10	5	5	0	1448.80918	0.00010	0.00007	[4]
11	6	5	1	10	5	6	0	1450.2504	0.0004	-0.0001	[5]
11	6	5	1	10	5	6	0	1450.25080	0.00010	0.00032	[4]
10	2	8	1	9	1	9	0	1450.9313	0.0004	0.0000	[5]
10	2	8	1	9	1	9	0	1450.93147	0.00010	0.00015	[4]
11	3	8	1	10	2	9	0	1451.1628	0.0004	0.0000	[5]
11	3	8	1	10	2	9	0	1451.16285	0.00010	0.00007	[4]
12	4	8	1	11	3	9	0	1451.2378	0.0004	0.0000	[5]
12	4	8	1	11	3	9	0	1451.23798	0.00010	0.00014	[4]
9	7	3	1	8	6	2	0	1453.30500	0.00010	0.00002	[4]
9	7	3	1	8	6	2	0	1453.3062	0.0004	0.0012	[5]
9	7	2	1	8	6	3	0	1453.30930	0.00010	-0.00020	[4]
11	5	7	1	11	2	10	0	1455.64980	0.00030	0.00023	[4]
7	4	3	1	6	1	6	0	1456.65744	0.00010	0.00014	[4]
7	4	3	1	6	1	6	0	1456.6575	0.0004	0.0002	[5]
7	6	2	1	7	3	5	0	1459.04823	0.00080	0.00057	[4]
12	6	7	1	11	5	6	0	1459.3174	0.0004	-0.0002	[5]
12	6	7	1	11	5	6	0	1459.31772	0.00010	0.00010	[4]
8	6	3	1	8	3	6	0	1460.65480	0.00060	0.00018	[4]
6	5	2	1	5	2	3	0	1462.00484	0.00010	0.00022	[4]
12	6	6	1	11	5	7	0	1462.8239	0.0004	-0.0001	[5]
12	6	6	1	11	5	7	0	1462.82409	0.00010	0.00006	[4]
10	3	8	1	9	0	9	0	1462.83693	0.00010	0.00019	[4]
13	5	8	1	12	4	9	0	1462.9052	0.0004	0.0000	[5]
13	5	8	1	12	4	9	0	1462.90542	0.00010	0.00027	[4]
10	4	7	1	9	1	8	0	1463.0009	0.0004	-0.0001	[5]
10	4	7	1	9	1	8	0	1463.00112	0.00010	0.00016	[4]
10	7	4	1	9	6	3	0	1465.7838	0.0004	-0.0001	[5]
10	7	4	1	9	6	3	0	1465.78395	0.00010	0.00010	[4]
10	7	3	1	9	6	4	0	1465.8053	0.0004	-0.0002	[5]
10	7	3	1	9	6	4	0	1465.80551	0.00010	0.00004	[4]
11	4	8	1	11	1	11	0	1466.13778	0.00060	0.00015	[4]
8	8	0	1	7	7	1	0	1468.0088	0.0004	-0.0001	[5]
8	8	0	1	7	7	1	0	1468.00900	0.00020	0.00007	[4]
8	8	1	1	7	7	0	0	1468.00900	0.00020	0.00007	[4]
13	6	8	1	12	5	7	0	1468.3945	0.0004	-0.0001	[5]
13	6	8	1	12	5	7	0	1468.39465	0.00010	0.00005	[4]
6	5	1	1	5	2	4	0	1474.4159	0.0004	0.0001	[5]

6	5	1	1	5	2	4	0	1474.41594	0.00010	0.00018	[4]
11	6	6	1	11	3	9	0	1474.60864	0.00050	-0.00028	[4]
14	6	9	1	13	5	8	0	1475.55638	0.00010	0.00007	[4]
14	6	9	1	13	5	8	0	1475.5564	0.0004	0.0001	[5]
13	6	7	1	12	5	8	0	1475.95202	0.00010	0.00008	[4]
13	6	7	1	12	5	8	0	1475.9522	0.0004	0.0003	[5]
11	7	5	1	10	6	4	0	1478.0993	0.0004	-0.0001	[5]
11	7	5	1	10	6	4	0	1478.09948	0.00010	0.00003	[4]
11	7	4	1	10	6	5	0	1478.1811	0.0004	-0.0001	[5]
11	7	4	1	10	6	5	0	1478.18127	0.00010	0.00009	[4]
15	6	10	1	14	5	9	0	1480.57634	0.00010	0.00006	[4]
9	8	2	1	8	7	1	0	1480.7719	0.0004	-0.0001	[5]
9	8	1	1	8	7	2	0	1480.77201	0.00020	0.00003	[4]
9	8	2	1	8	7	1	0	1480.77201	0.00020	0.00003	[4]
13	4	9	1	12	3	10	0	1481.9033	0.0004	-0.0006	[5]
13	4	9	1	12	3	10	0	1481.90406	0.00010	0.00012	[4]
16	6	11	1	15	5	10	0	1483.6352	0.0010	0.0004	[3]
17	6	12	1	16	5	11	0	1485.2549	0.0010	0.0000	[3]
12	3	9	1	11	2	10	0	1485.3823	0.0004	0.0000	[5]
12	3	9	1	11	2	10	0	1485.38238	0.00010	0.00007	[4]
14	5	9	1	13	4	10	0	1485.9030	0.0004	0.0000	[5]
14	5	9	1	13	4	10	0	1485.90315	0.00010	0.00019	[4]
11	4	8	1	10	1	9	0	1486.3384	0.0004	-0.0001	[5]
11	4	8	1	10	1	9	0	1486.33874	0.00010	0.00020	[4]
14	6	8	1	13	5	9	0	1490.15750	0.00010	-0.00006	[4]
12	7	6	1	11	6	5	0	1490.1608	0.0004	-0.0019	[5]
12	7	5	1	11	6	6	0	1490.4224	0.0004	-0.0001	[5]
12	7	5	1	11	6	6	0	1490.42255	0.00010	0.00010	[4]
7	5	2	1	6	2	5	0	1490.57071	0.00010	0.00028	[4]
11	3	9	1	10	0	10	0	1491.4081	0.0004	0.0000	[5]
11	3	9	1	10	0	10	0	1491.40840	0.00010	0.00026	[4]
10	8	2	1	9	7	3	0	1493.4761	0.0004	-0.0003	[5]
10	8	2	1	9	7	3	0	1493.47625	0.00020	0.00005	[4]
10	8	3	1	9	7	2	0	1493.47625	0.00020	0.00005	[4]
10	5	6	1	9	2	7	0	1494.2131	0.0004	-0.0002	[5]
10	5	6	1	9	2	7	0	1494.21344	0.00010	0.00018	[4]
13	7	6	1	12	6	7	0	1502.5481	0.0004	-0.0001	[5]
13	7	6	1	12	6	7	0	1502.54810	0.00010	-0.00005	[4]
11	8	4	1	10	7	3	0	1506.0892	0.0004	0.0007	[5]
11	8	3	1	10	7	4	0	1506.08945	0.00020	0.00003	[4]
11	8	4	1	10	7	3	0	1506.08945	0.00020	0.00003	[4]
15	6	9	1	14	5	10	0	1506.1322	0.0004	0.0000	[5]
11	5	7	1	10	2	8	0	1506.6755	0.0004	-0.0001	[5]
11	5	7	1	10	2	8	0	1506.67566	0.00010	0.00006	[4]
9	9	1	1	8	8	0	0	1507.6156	0.0004	-0.0002	[5]
9	9	0	1	8	8	1	0	1507.61575	0.00020	-0.00004	[4]
9	9	1	1	8	8	0	0	1507.61575	0.00020	-0.00004	[4]
8	5	3	1	7	2	6	0	1508.6510	0.0004	-0.0003	[5]
8	5	3	1	7	2	6	0	1508.65136	0.00010	0.00011	[4]
12	4	9	1	11	1	10	0	1511.6835	0.0004	0.0001	[5]
12	4	9	1	11	1	10	0	1511.68363	0.00010	0.00020	[4]
15	5	10	1	14	4	11	0	1512.60478	0.00010	0.00018	[4]
15	5	10	1	14	4	11	0	1512.6052	0.0004	0.0006	[5]
14	7	7	1	13	6	8	0	1514.6369	0.0004	-0.0001	[5]
14	7	7	1	13	6	8	0	1514.63704	0.00010	0.00008	[4]
12	2	10	1	11	1	11	0	1516.0492	0.0004	0.0000	[5]

12	2	10	1	11	1	11	0	1516.04930	0.00010	0.00007	[4]
12	8	5	1	11	7	4	0	1518.57304	0.00010	0.00005	[4]
12	8	5	1	11	7	4	0	1518.5734	0.0004	0.0004	[5]
12	8	4	1	11	7	5	0	1518.5845	0.0004	-0.0001	[5]
12	8	4	1	11	7	5	0	1518.58466	0.00010	0.00005	[4]
13	3	10	1	12	2	11	0	1519.9682	0.0004	0.0000	[5]
13	3	10	1	12	2	11	0	1519.96835	0.00010	0.00016	[4]
10	9	1	1	9	8	2	0	1520.5040	0.0004	0.0000	[5]
10	9	1	1	9	8	2	0	1520.50403	0.00020	0.00000	[4]
10	9	2	1	9	8	1	0	1520.50403	0.00020	0.00000	[4]
12	3	10	1	11	0	11	0	1520.5214	0.0004	-0.0003	[5]
12	3	10	1	11	0	11	0	1520.52192	0.00010	0.00021	[4]
12	5	8	1	11	2	9	0	1522.3590	0.0004	0.0000	[5]
12	5	8	1	11	2	9	0	1522.35918	0.00010	0.00014	[4]
15	7	9	1	14	6	8	0	1522.9265	0.0004	-0.0001	[5]
16	6	10	1	15	5	11	0	1524.6505	0.0010	0.0006	[3]
15	7	8	1	14	6	9	0	1526.8599	0.0004	-0.0001	[5]
9	5	4	1	8	2	7	0	1529.12598	0.00010	0.00016	[4]
13	8	6	1	12	7	5	0	1530.8839	0.0004	-0.0003	[5]
13	8	6	1	12	7	5	0	1530.88411	0.00010	-0.00013	[4]
13	8	5	1	12	7	6	0	1530.9252	0.0004	-0.0001	[5]
13	8	5	1	12	7	6	0	1530.92524	0.00010	-0.00004	[4]
16	7	10	1	15	6	9	0	1531.5470	0.0010	0.0008	[3]
11	9	3	1	10	8	2	0	1533.3295	0.0004	-0.0001	[5]
11	9	2	1	10	8	3	0	1533.32955	0.00020	-0.00005	[4]
11	9	3	1	10	8	2	0	1533.32955	0.00020	-0.00005	[4]
13	4	10	1	12	1	11	0	1538.5355	0.0004	-0.0001	[5]
13	4	10	1	12	1	11	0	1538.53578	0.00010	0.00019	[4]
16	7	9	1	15	6	10	0	1539.5136	0.0010	0.0000	[3]
13	5	9	1	12	2	10	0	1541.2316	0.0004	-0.0002	[5]
13	5	9	1	12	2	10	0	1541.23182	0.00010	0.00005	[4]
14	8	7	1	13	7	6	0	1542.9620	0.0004	0.0000	[5]
14	8	7	1	13	7	6	0	1542.96202	0.00010	0.00001	[4]
14	8	6	1	13	7	7	0	1543.0878	0.0004	-0.0001	[5]
14	8	6	1	13	7	7	0	1543.08791	0.00010	0.00003	[4]
7	6	1	1	6	3	4	0	1544.85905	0.00050	0.00099	[4]
12	9	3	1	11	8	4	0	1546.0646	0.0004	-0.0003	[5]
12	9	3	1	11	8	4	0	1546.06477	0.00020	-0.00001	[4]
12	9	4	1	11	8	3	0	1546.06477	0.00020	-0.00001	[4]
10	10	0	1	9	9	1	0	1546.65547	0.00020	-0.00022	[4]
10	10	1	1	9	9	0	0	1546.65547	0.00020	-0.00022	[4]
13	2	11	1	12	1	12	0	1547.35060	0.00010	0.00016	[4]
8	6	3	1	7	3	4	0	1549.20362	0.00030	0.00041	[4]
15	4	11	1	14	3	12	0	1549.88446	0.00020	0.00003	[4]
13	3	11	1	12	0	12	0	1549.91410	0.00010	0.00019	[4]
13	3	11	1	12	0	12	0	1549.9143	0.0004	0.0004	[5]
10	5	5	1	9	2	8	0	1552.47645	0.00010	0.00016	[4]
14	3	11	1	13	2	12	0	1554.06399	0.00010	0.00042	[4]
15	8	8	1	14	7	7	0	1554.7185	0.0010	0.0002	[3]
15	8	7	1	14	7	8	0	1555.0624	0.0010	0.0006	[3]
9	6	4	1	8	3	5	0	1555.84193	0.00020	0.00015	[4]
8	6	2	1	7	3	5	0	1558.06810	0.00020	0.00028	[4]
13	9	4	1	12	8	5	0	1558.67977	0.00020	0.00012	[4]
13	9	5	1	12	8	4	0	1558.67977	0.00020	0.00012	[4]
13	9	5	1	12	8	4	0	1558.6809	0.0004	0.0018	[5]
11	10	2	1	10	9	1	0	1559.67440	0.00010	-0.00015	[4]

11	10	1	1	10	9	2	0	1559.67449	0.00020	-0.00006	[4]
10	6	5	1	9	3	6	0	1561.22341	0.00020	0.00011	[4]
14	5	10	1	13	2	11	0	1562.8983	0.0010	0.0001	[3]
14	5	10	1	13	2	11	0	1562.89830	0.00010	0.00010	[4]
11	6	6	1	10	3	7	0	1566.19999	0.00010	0.00013	[4]
11	6	6	1	10	3	7	0	1566.2000	0.0010	0.0001	[3]
14	4	11	1	13	1	12	0	1566.4452	0.0010	-0.0002	[3]
14	4	11	1	13	1	12	0	1566.44557	0.00020	0.00015	[4]
16	8	8	1	15	7	9	0	1566.8661	0.0010	0.0003	[3]
14	9	5	1	13	8	6	0	1571.1458	0.0004	-0.0010	[5]
12	6	7	1	11	3	8	0	1571.79551	0.00020	-0.00003	[4]
12	6	7	1	11	3	8	0	1571.7957	0.0010	0.0002	[3]
12	10	3	1	11	9	2	0	1572.6233	0.0004	-0.0001	[5]
12	10	2	1	11	9	3	0	1572.62330	0.00010	-0.00015	[4]
12	10	3	1	11	9	2	0	1572.62330	0.00010	-0.00015	[4]
12	10	2	1	11	9	3	0	1572.62348	0.00010	0.00003	[4]
12	10	3	1	11	9	2	0	1572.62348	0.00010	0.00003	[4]
17	5	12	1	16	4	13	0	1575.5892	0.0010	-0.0025	[3]
14	2	12	1	13	1	13	0	1577.96521	0.00020	0.00012	[4]
14	2	12	1	13	1	13	0	1577.9653	0.0010	0.0002	[3]
13	6	8	1	12	3	9	0	1579.09017	0.00020	0.00017	[4]
13	6	8	1	12	3	9	0	1579.0903	0.0010	0.0003	[3]
11	5	6	1	10	2	9	0	1579.2201	0.0010	0.0009	[3]
14	3	12	1	13	0	13	0	1579.39566	0.00020	0.00021	[4]
14	3	12	1	13	0	13	0	1579.3966	0.0010	0.0011	[3]
15	9	7	1	14	8	6	0	1583.4134	0.0010	0.0001	[3]
15	9	6	1	14	8	7	0	1583.4334	0.0010	0.0002	[3]
11	11	1	1	10	10	0	0	1584.9350	0.0004	-0.0025	[5]
11	11	1	1	10	10	0	0	1584.9384	0.0030	0.0009	[3]
16	4	12	1	15	3	13	0	1585.23366	0.00020	0.00001	[4]
16	4	12	1	15	3	13	0	1585.2343	0.0010	0.0007	[3]
13	10	4	1	12	9	3	0	1585.4798	0.0004	0.0031	[5]
15	5	11	1	14	2	12	0	1586.82525	0.00020	0.00012	[4]
15	5	11	1	14	2	12	0	1586.8254	0.0010	0.0003	[3]
15	3	12	1	14	2	13	0	1587.1736	0.0010	-0.0004	[3]
15	3	12	1	14	2	13	0	1587.17390	0.00020	-0.00012	[4]
10	6	4	1	9	3	7	0	1587.47985	0.00020	0.00017	[4]
14	6	9	1	13	3	10	0	1589.04295	0.00020	0.00021	[4]
14	6	9	1	13	3	10	0	1589.0431	0.0010	0.0004	[3]
11	4	7	1	10	1	10	0	1594.62496	0.00100	0.00067	[4]
15	4	12	1	14	1	13	0	1595.03136	0.00020	0.00014	[4]
15	4	12	1	14	1	13	0	1595.0315	0.0010	0.0003	[3]
16	9	8	1	15	8	7	0	1595.4511	0.0010	-0.0012	[3]
16	9	7	1	15	8	8	0	1595.5113	0.0010	-0.0001	[3]
12	11	1	1	11	10	2	0	1598.09058	0.00010	0.00026	[4]
12	11	2	1	11	10	1	0	1598.09058	0.00010	0.00026	[4]
12	11	1	1	11	10	2	0	1598.0912	0.0010	0.0009	[3]
14	10	4	1	13	9	5	0	1598.2075	0.0010	-0.0004	[3]
15	6	10	1	14	3	11	0	1602.24570	0.00020	0.00004	[4]
15	6	10	1	14	3	11	0	1602.2465	0.0010	0.0008	[3]
11	6	5	1	10	3	8	0	1604.58428	0.00040	-0.00031	[4]
15	2	13	1	14	1	14	0	1608.05559	0.00040	-0.00045	[4]
15	3	13	1	14	0	14	0	1608.84066	0.00020	0.00010	[4]
15	3	13	1	14	0	14	0	1608.8416	0.0010	0.0010	[3]
15	10	6	1	14	9	5	0	1610.7890	0.0010	-0.0001	[3]
13	11	3	1	12	10	2	0	1611.1634	0.0010	0.0006	[3]

16	5	12	1	15	2	13	0	1612.47606	0.00040	-0.00038	[4]
16	3	13	1	15	2	14	0	1619.18889	0.00030	-0.00022	[4]
16	3	13	1	15	2	14	0	1619.1890	0.0010	-0.0001	[3]
12	12	0	1	11	11	1	0	1622.3159	0.0015	0.0007	[3]
16	10	6	1	15	9	7	0	1623.1937	0.0010	-0.0012	[3]
12	6	6	1	11	3	9	0	1623.91726	0.00030	0.00036	[4]
16	4	13	1	15	1	14	0	1623.98687	0.00040	-0.00046	[4]
14	11	3	1	13	10	4	0	1624.1303	0.0010	-0.0003	[3]
15	11	5	1	14	10	4	0	1636.9668	0.0010	-0.0023	[3]
16	3	14	1	15	0	15	0	1638.17237	0.00060	0.00091	[4]
10	7	3	1	9	4	6	0	1642.13192	0.00120	0.00059	[4]
11	7	5	1	10	4	6	0	1643.92879	0.00140	-0.00016	[4]
13	13	1	1	12	12	0	0	1658.6829	0.0030	0.0016	[3]

J'	Ka'	Kc'	v'	J''	Ka''	Kc''	v''	frequency [MHz]	unc. [MHz]	O.-C. [MHz]	Ref.
3	1	3	0	2	2	0	0	10919.4222	0.008	-0.018	[6]
4	4	1	0	5	3	2	0	10947.1339	0.004	-0.005	[6]
4	1	4	1	3	2	1	1	29695.580	0.050	-0.025	[7]
8	7	2	0	9	6	3	0	30182.490	0.050	-0.055	[7]
8	7	1	0	9	6	4	0	30778.500	0.050	-0.070	[7]
4	2	3	0	3	3	0	0	43414.560	0.050	0.012	[7]
5	2	3	1	6	1	6	1	50538.860	0.050	0.022	[7]
5	1	5	1	4	2	2	1	51436.540	0.050	-0.055	[7]
4	2	2	1	3	3	1	1	54216.530	0.050	0.010	[7]
4	4	0	0	5	3	3	0	55482.320	0.050	-0.106	[7]
6	5	2	1	7	4	3	1	66958.410	0.050	-0.089	[7]
8	5	4	0	7	6	1	0	70240.630	0.050	0.004	[7]
8	5	3	0	7	6	2	0	74471.690	0.050	-0.007	[7]
6	3	4	1	5	4	1	1	79170.080	0.050	-0.083	[7]
6	3	4	1	5	4	1	1	79170.147	0.020	-0.016	[8]
6	1	6	0	5	2	3	0	93350.060	0.050	-0.129	[7]
6	1	6	0	5	2	3	0	93350.199	0.005	0.010	[8]
9	8	2	0	10	7	3	0	103076.400	0.050	-0.023	[7]
9	8	2	0	10	7	3	0	103076.416	0.010	-0.007	[8]
9	8	1	0	10	7	4	0	103152.890	0.050	-0.043	[7]
9	8	1	0	10	7	4	0	103152.918	0.012	-0.015	[8]
6	2	4	0	7	1	7	0	104875.710	0.050	-0.013	[7]
6	2	4	0	7	1	7	0	104875.742	0.007	0.019	[8]
2	2	0	1	3	1	3	1	105236.444	0.050	0.005	[9]
11	2	10	0	10	3	7	0	120183.280	0.050	0.067	[7]
10	9	2	0	11	8	3	0	145134.800	0.050	0.125	[7]
10	9	1	0	11	8	4	0	145143.820	0.050	-0.101	[7]
4	1	4	0	3	2	1	0	151710.400	0.050	0.007	[7]
5	2	4	1	4	3	1	1	169894.010	0.050	-0.146	[7]
5	5	1	0	6	4	2	0	180171.220	0.050	0.104	[7]
5	1	5	0	4	2	2	0	181833.020	0.050	-0.164	[7]
5	5	0	0	6	4	3	0	187633.100	0.050	-0.114	[7]
5	5	0	0	6	4	3	0	187633.283	0.050	0.069	[9]
7	4	4	0	6	5	1	0	192519.440	0.050	-0.084	[7]
6	3	3	1	5	4	2	1	193023.090	0.050	-0.064	[7]
12	8	5	0	11	9	2	0	215689.010	0.050	-0.013	[7]
12	8	4	0	11	9	3	0	215731.730	0.050	-0.050	[7]
7	4	3	0	6	5	2	0	218442.500	0.050	0.020	[7]
4	2	2	0	3	3	1	0	227010.500	0.050	-0.115	[7]
4	4	1	1	5	3	2	1	244879.030	0.050	-0.062	[7]

11	3	8	0	12	2	11	0	254484.270	0.050	0.001	[7]
11	7	5	0	10	8	2	0	265060.070	0.050	-0.075	[7]
11	7	4	0	10	8	3	0	265381.300	0.050	-0.248	[7]
6	2	4	1	7	1	7	1	269656.050	0.050	-0.062	[7]
4	4	0	1	5	3	3	1	285640.480	0.050	-0.048	[7]
8	4	5	1	7	5	2	1	290261.310	0.050	-0.098	[7]
6	6	1	0	7	5	2	0	307107.530	0.050	0.055	[7]
6	3	4	0	5	4	1	0	307743.140	0.050	-0.011	[7]
6	6	0	0	7	5	3	0	308133.650	0.050	0.286	[7]
1	1	0	0	1	0	1	0	316799.810	0.050	-0.027	[7]
5	2	4	0	4	3	1	0	339035.260	0.050	0.119	[7]
10	6	5	0	9	7	2	0	345039.170	0.050	0.097	[7]
10	6	4	0	9	7	3	0	347278.230	0.050	-0.017	[7]
8	4	4	1	7	5	3	1	352239.570	0.050	0.074	[7]
1	1	0	1	1	0	1	1	354717.830	0.050	0.013	[7]
3	1	2	1	2	2	1	1	363629.650	0.050	0.099	[7]
7	2	5	0	8	1	8	0	393332.820	0.050	0.045	[7]
7	7	1	0	8	6	2	0	403251.620	0.050	-0.005	[7]
7	7	0	0	8	6	3	0	403377.360	0.050	0.022	[7]
2	1	1	0	2	0	2	0	403561.820	0.050	-0.172	[7]
6	2	5	1	5	3	2	1	406703.030	0.050	-0.086	[7]
7	3	5	1	6	4	2	1	424737.310	0.050	0.061	[7]
10	2	9	0	9	3	6	0	428706.470	0.050	0.128	[7]
6	3	3	0	5	4	2	0	430949.260	0.050	0.040	[7]
2	0	2	1	1	1	1	1	434820.730	0.050	0.149	[7]
2	1	1	1	2	0	2	1	444777.945	0.010	0.007	[8]
2	1	1	1	2	0	2	1	444777.950	0.050	0.012	[7]
9	5	5	0	8	6	2	0	452326.480	0.050	-0.035	[7]
9	5	5	0	8	6	2	0	452326.531	0.050	0.016	[8]
3	1	2	0	2	2	1	0	458531.450	0.050	0.050	[7]
5	5	1	1	6	4	2	1	462565.551	0.100	-0.103	[8]
5	5	1	1	6	4	2	1	462565.690	0.050	0.036	[10]
9	5	4	0	8	6	3	0	466238.732	0.010	-0.012	[8]
9	5	4	0	8	6	3	0	466238.740	0.050	-0.004	[7]
2	0	2	0	1	1	1	0	468246.570	0.050	0.009	[7]
5	5	0	1	6	4	3	1	468907.274	0.100	-0.088	[8]
5	5	0	1	6	4	3	1	468907.360	0.050	-0.002	[10]
8	8	1	0	9	7	2	0	469619.170	0.030	-0.005	[8]
8	8	1	0	9	7	2	0	469619.170	0.050	-0.005	[7]
8	8	0	0	9	7	3	0	469633.521	0.010	0.000	[8]
8	8	0	0	9	7	3	0	469633.530	0.050	0.009	[7]
11	11	0	0	12	10	3	0	484968.540	0.050	-0.015	[8]
11	11	1	0	12	10	2	0	484968.540	0.050	-0.015	[8]
9	2	8	1	8	3	5	1	491693.726	0.030	0.051	[8]
9	9	1	0	10	8	2	0	505559.434	0.100	-0.012	[9]
9	9	1	0	10	8	2	0	505559.475	0.050	0.029	[8]
9	9	0	0	10	8	3	0	505560.942	0.050	-0.071	[8]
9	9	0	0	10	8	3	0	505560.999	0.100	-0.014	[9]
10	10	0	0	11	9	3	0	510659.654	0.070	0.037	[8]
10	10	1	0	11	9	2	0	510659.654	0.070	0.037	[8]
10	10	1	0	11	9	2	0	510659.673	0.050	0.056	[9]
10	10	0	0	11	9	3	0	510659.673	0.050	0.056	[9]
10	5	6	1	9	6	3	1	510749.497	0.100	-0.150	[8]
14	6	9	0	15	3	12	0	517798.561	0.100	-0.152	[8]
14	6	9	0	15	3	12	0	517798.826	0.050	0.113	[9]
16	4	12	0	17	3	15	0	525371.371	0.020	0.003	[8]

10	5	5	1	9	6	4	1	541721.381	0.075	0.063	[9]
14	9	6	0	13	10	3	0	550640.596	0.075	0.118	[9]
14	9	5	0	13	10	4	0	550663.224	0.075	0.171	[9]
5	2	3	1	4	3	2	1	552878.214	0.075	0.063	[9]
3	1	2	0	3	0	3	0	555330.278	0.037	-0.005	[11]
3	1	2	0	3	0	3	0	555330.360	0.050	0.077	[7]
8	4	5	0	7	5	2	0	571220.050	0.040	0.002	[11]
8	4	5	0	7	5	2	0	571220.050	0.050	0.002	[7]
6	2	5	0	5	3	2	0	572114.814	0.036	-0.083	[11]
6	2	5	0	5	3	2	0	572114.867	0.050	-0.030	[9]
6	2	5	0	5	3	2	0	572114.910	0.050	0.013	[7]
13	8	6	0	12	9	3	0	577398.123	0.050	-0.093	[9]
13	8	5	0	12	9	4	0	577562.917	0.050	-0.101	[9]
8	2	7	1	7	3	4	1	587361.951	0.050	-0.009	[9]
7	2	5	1	8	1	8	1	587929.458	0.050	-0.048	[9]
3	1	2	1	3	0	3	1	601404.710	0.050	-0.036	[7]
1	1	1	0	0	0	0	0	607349.449	0.036	0.035	[11]
1	1	1	0	0	0	0	0	607349.600	0.050	0.186	[7]
6	6	1	1	7	5	2	1	629280.200	0.075	-0.084	[9]
6	6	0	1	7	5	3	1	630094.957	0.075	-0.004	[9]
12	7	6	0	11	8	3	0	635578.084	0.050	0.022	[9]
12	7	5	0	11	8	4	0	636708.108	0.050	-0.005	[9]
1	1	1	1	0	0	0	1	641981.990	0.050	-0.008	[7]
9	2	8	0	8	3	5	0	642615.950	0.050	-0.022	[7]
8	4	4	0	7	5	3	0	643247.288	0.037	-0.028	[11]
8	4	4	0	7	5	3	0	643247.420	0.050	0.104	[7]
7	3	5	0	6	4	2	0	649560.254	0.041	-0.117	[11]
7	3	5	0	6	4	2	0	649560.460	0.050	0.089	[7]
12	5	8	0	13	2	11	0	657391.609	0.100	0.039	[9]
9	4	6	1	8	5	3	1	662165.673	0.100	0.048	[9]
12	3	9	0	13	2	12	0	663187.094	0.075	0.241	[9]
13	5	9	0	14	2	12	0	675156.496	0.075	-0.023	[9]
7	3	4	1	6	4	3	1	680516.602	0.100	-0.059	[9]
4	2	2	0	4	1	3	0	692243.575	0.050	-0.001	[9]
4	2	2	0	4	1	3	0	692243.579	0.036	0.003	[11]
4	2	2	0	4	1	3	0	692243.600	0.050	0.024	[7]
3	2	1	0	3	1	2	0	697922.720	0.050	-0.020	[8]
3	2	1	0	3	1	2	0	697922.831	0.036	0.091	[11]
7	2	6	0	6	3	3	0	714087.250	0.050	-0.086	[7]
7	2	6	0	6	3	3	0	714087.313	0.036	-0.023	[11]
14	3	12	0	13	4	9	0	722576.782	0.080	-0.163	[8]
5	2	3	0	4	3	2	0	722669.850	0.050	-0.052	[7]
5	2	3	0	4	3	2	0	722669.979	0.036	0.077	[11]
11	6	6	0	10	7	3	0	724368.662	0.050	0.086	[8]
11	5	7	0	12	2	10	0	726149.933	0.050	-0.008	[8]
11	6	5	0	10	7	4	0	731439.719	0.050	0.038	[8]
8	3	6	1	7	4	3	1	733611.402	0.100	0.079	[8]
8	2	7	0	7	3	4	0	740648.830	0.054	-0.010	[11]
8	2	7	0	7	3	4	0	740648.840	0.050	0.000	[7]
2	2	0	0	2	1	1	0	743563.430	0.050	-0.022	[7]
2	2	0	0	2	1	1	0	743563.526	0.036	0.074	[11]
12	6	7	1	11	7	4	1	745285.130	0.300	-0.063	[8]
8	2	6	0	9	1	9	0	745537.939	0.050	0.083	[8]
13	6	8	0	14	3	11	0	745996.368	0.100	0.030	[8]
5	2	3	0	5	1	4	0	751110.615	0.036	0.040	[11]
5	2	3	0	5	1	4	0	751110.670	0.050	0.095	[7]

7	7	1	1	8	6	2	1	756029.994	0.100	0.104	[8]
7	7	0	1	8	6	3	1	756123.799	0.100	0.099	[8]
12	6	6	1	11	7	5	1	759923.667	0.100	-0.001	[8]
14	5	10	0	15	2	13	0	765073.407	0.100	-0.121	[8]
4	2	2	1	4	1	3	1	778853.769	0.050	-0.049	[9]
4	2	2	1	4	1	3	1	778853.818	0.050	0.000	[8]
4	1	3	0	4	0	4	0	782470.880	0.050	-0.045	[7]
4	1	3	0	4	0	4	0	782470.894	0.036	-0.031	[11]
4	1	3	0	4	0	4	0	782470.921	0.050	-0.004	[9]
3	2	1	1	3	1	2	1	792727.656	0.050	-0.018	[9]
9	4	5	1	8	5	4	1	808662.796	0.100	0.155	[9]
3	0	3	1	2	1	2	1	821975.947	0.050	0.088	[9]
5	2	3	1	5	1	4	1	829096.253	0.050	-0.017	[9]
10	5	6	0	9	6	3	0	836330.269	0.050	-0.004	[9]
10	5	6	0	9	6	3	0	836330.300	0.080	0.027	[8]
4	1	3	1	4	0	4	1	836450.963	0.050	-0.015	[8]
4	1	3	1	4	0	4	1	836450.977	0.050	-0.001	[9]
4	1	3	1	3	2	2	1	844357.620	0.075	0.045	[9]
4	1	3	1	3	2	2	1	844357.669	0.050	0.094	[8]
2	2	0	1	2	1	1	1	844695.608	0.050	-0.002	[8]
2	2	0	1	2	1	1	1	844695.615	0.075	0.005	[9]
3	0	3	0	2	1	2	0	850757.500	0.075	-0.098	[9]
3	0	3	0	2	1	2	0	850757.646	0.036	0.048	[11]
3	0	3	0	2	1	2	0	850757.720	0.050	0.122	[7]
10	5	5	0	9	6	4	0	874888.637	0.030	-0.003	[8]
10	5	5	0	9	6	4	0	874888.670	0.075	0.030	[9]
6	2	4	0	6	1	5	0	890396.080	0.050	-0.089	[7]
6	2	4	0	6	1	5	0	890396.169	0.036	0.000	[11]
6	2	4	0	6	1	5	0	890396.190	0.075	0.021	[9]
6	2	4	0	6	1	5	0	890396.194	0.050	0.025	[8]
9	4	6	0	10	1	9	0	892841.028	0.050	-0.003	[8]
9	4	6	0	10	1	9	0	892841.059	0.050	0.028	[9]
11	5	7	1	10	6	4	1	892862.721	0.100	-0.084	[8]
10	5	6	0	11	2	9	0	894248.995	0.075	-0.125	[9]
10	5	6	0	11	2	9	0	894249.111	0.100	-0.009	[8]
2	1	2	0	1	0	1	0	897947.107	0.036	-0.025	[11]
2	1	2	0	1	0	1	0	897947.110	0.050	-0.022	[7]
2	1	2	0	1	0	1	0	897947.126	0.100	-0.006	[8]
15	9	6	0	14	10	5	0	904181.624	0.300	-0.082	[8]
15	5	11	0	16	2	14	0	912728.825	0.200	-0.456	[8]
8	4	5	0	9	1	8	0	913288.967	0.050	-0.037	[8]
7	3	4	0	6	4	3	0	922666.516	0.050	0.013	[8]
7	3	4	0	6	4	3	0	922666.552	0.054	0.049	[11]
2	1	2	1	1	0	1	1	929330.974	0.050	0.048	[8]
4	1	3	0	3	2	2	0	930942.470	0.050	-0.066	[7]
4	1	3	0	3	2	2	0	930942.494	0.036	-0.042	[11]
4	1	3	0	3	2	2	0	930942.504	0.050	-0.032	[8]
9	4	6	0	8	5	3	0	940346.368	0.080	-0.029	[8]
9	4	6	0	8	5	3	0	940346.392	0.075	-0.005	[9]
14	8	7	0	13	9	4	0	940463.848	0.100	-0.014	[8]
14	8	6	0	13	9	5	0	941013.823	0.100	-0.053	[8]
2	2	1	0	2	1	2	0	947556.517	0.042	0.036	[11]
2	2	1	0	2	1	2	0	947556.570	0.050	0.089	[7]
8	3	6	0	7	4	3	0	951194.083	0.038	-0.066	[11]
7	4	4	0	8	1	7	0	1025247.592	0.075	-0.024	[11]
7	3	4	0	7	2	5	0	1043212.727	0.036	0.033	[11]

5	3	3	0	6	0	6	0	1049534.487	0.040	-0.009	[11]
3	2	2	0	3	1	3	0	1065096.947	0.075	-0.004	[9]
3	2	2	0	3	1	3	0	1065096.951	0.036	0.000	[11]
8	3	5	0	8	2	6	0	1074239.913	0.075	-0.078	[9]
8	3	5	0	8	2	6	0	1074239.946	0.036	-0.045	[11]
13	3	10	0	14	2	13	0	1075343.286	0.100	0.150	[9]
6	3	4	0	7	0	7	0	1076067.817	0.036	-0.039	[11]
6	3	4	0	7	0	7	0	1076067.821	0.075	-0.035	[9]
5	1	4	0	5	0	5	0	1076226.486	0.036	-0.094	[11]
11	4	8	0	12	1	11	0	1078323.909	0.100	-0.045	[9]
6	3	3	0	6	2	4	0	1084697.772	0.036	-0.021	[11]
12	6	7	0	13	3	10	0	1085862.882	0.100	-0.143	[9]
4	3	2	0	5	0	5	0	1104667.270	0.039	0.018	[11]
4	3	2	0	5	0	5	0	1104667.534	0.100	0.282	[9]
12	6	7	0	11	7	4	0	1106694.584	0.075	0.128	[9]
9	4	5	0	8	5	4	0	1108486.312	0.075	0.237	[9]
7	2	5	0	7	1	6	0	1115694.252	0.100	-0.113	[9]
7	2	5	0	7	1	6	0	1115694.317	0.036	-0.048	[11]
12	6	6	0	11	7	5	0	1126138.828	0.075	0.052	[9]
9	2	7	0	10	1	10	0	1130624.499	0.075	0.012	[9]
3	1	3	0	2	0	2	0	1158044.885	0.036	0.001	[11]
5	3	2	0	5	2	3	0	1169734.995	0.036	0.002	[11]
7	3	5	0	8	0	8	0	1174586.218	0.036	-0.006	[11]
4	0	4	0	3	1	3	0	1213568.563	0.036	0.002	[11]
4	2	3	0	4	1	4	0	1223121.625	0.036	-0.056	[11]
6	4	3	0	7	1	6	0	1236240.541	0.040	-0.015	[11]
3	3	1	0	4	0	4	0	1247703.885	0.037	-0.001	[11]
6	2	4	0	5	3	3	0	1251173.516	0.054	-0.007	[11]
4	3	1	0	4	2	2	0	1262090.454	0.036	-0.022	[11]
3	3	0	0	3	2	1	0	1331417.531	0.036	0.005	[11]
3	3	1	0	3	2	2	0	1396175.485	0.038	-0.012	[11]
3	3	1	0	3	2	2	0	1396175.673	0.100	0.176	[8]
5	1	4	0	4	2	3	0	1403825.537	0.036	0.004	[11]
4	1	4	0	3	0	3	0	1404963.376	0.041	-0.039	[11]
6	1	5	0	6	0	6	0	1410311.882	0.225	0.032	[11]
8	2	6	0	8	1	7	0	1415793.386	0.036	-0.128	[11]
5	2	4	0	5	1	5	0	1419292.416	0.040	-0.018	[11]
4	3	2	0	4	2	3	0	1432266.246	0.036	0.040	[11]
8	3	5	0	7	4	4	0	1464785.824	0.036	-0.065	[11]
5	3	3	0	5	2	4	0	1497312.256	0.037	0.021	[11]
2	2	1	0	1	1	0	0	1528703.708	0.036	-0.068	[11]
5	4	2	0	6	1	5	0	1544144.781	0.040	0.039	[11]
5	0	5	0	4	1	4	0	1550720.580	0.140	-0.054	[8]
5	0	5	0	4	1	4	0	1550720.750	0.037	0.116	[11]
8	4	4	0	8	3	5	0	1580060.750	0.140	-0.008	[8]
8	4	4	0	8	3	5	0	1580060.751	0.038	-0.007	[11]
11	4	8	0	10	5	5	0	1592711.100	0.140	-0.278	[8]
6	3	4	0	6	2	5	0	1597742.538	0.038	-0.005	[11]
2	2	0	0	1	1	1	0	1615372.081	0.043	0.076	[11]
6	2	5	0	6	1	6	0	1648499.608	0.043	-0.093	[11]
5	1	5	0	4	0	4	0	1656547.715	0.040	0.030	[11]
7	4	3	0	7	3	4	0	1703425.922	0.037	-0.005	[11]
7	3	5	0	7	2	6	0	1736774.264	0.036	0.024	[11]
7	1	6	0	7	0	7	0	1755338.631	0.300	-0.071	[8]
7	1	6	0	7	0	7	0	1755338.658	0.036	-0.044	[11]
9	2	7	0	9	1	8	0	1763000.712	0.050	-0.076	[8]

15	7	9	0	14	8	6	0	1763237.529	0.300	0.439	[9]
6	3	4	1	6	2	5	1	1770261.588	0.100	-0.016	[8]
11	3	8	1	11	2	9	1	1772461.456	0.200	-0.314	[8]
13	4	10	1	12	5	7	1	1773779.475	0.150	-0.124	[9]
10	3	8	0	11	0	11	0	1783780.771	0.200	0.114	[8]
15	7	8	0	14	8	7	0	1786332.747	0.500	0.414	[8]
12	5	7	0	11	6	6	0	1787308.010	0.050	0.063	[8]
12	5	7	0	11	6	6	0	1787308.208	0.200	0.261	[9]
7	2	5	0	6	3	4	0	1794965.199	0.042	-0.012	[11]
7	2	5	0	6	3	4	0	1794965.200	0.100	-0.011	[8]
6	2	5	1	6	1	6	1	1795193.053	0.200	-0.247	[9]
6	1	5	1	5	2	4	1	1797743.227	0.050	-0.123	[8]
6	4	2	0	6	3	3	0	1801301.096	0.100	-0.109	[8]
6	4	2	0	6	3	3	0	1801301.264	0.086	0.059	[11]
9	3	6	1	8	4	5	1	1806824.671	0.200	0.089	[8]
8	4	4	1	8	3	5	1	1816986.883	0.050	-0.050	[8]
3	2	2	0	2	1	1	0	1819579.775	0.030	-0.068	[8]
3	2	2	0	2	1	1	0	1819579.805	0.036	-0.038	[11]
12	4	9	0	11	5	6	0	1834264.176	0.050	0.009	[8]
15	3	12	0	16	2	15	0	1835649.609	0.200	-0.377	[9]
12	5	7	0	12	4	8	0	1840056.425	0.050	0.086	[8]
9	2	7	1	9	1	8	1	1848385.676	0.050	0.117	[8]
6	0	6	1	5	1	5	1	1851780.365	0.100	-0.123	[8]
6	1	5	0	5	2	4	0	1858089.462	0.200	-0.126	[8]
6	1	5	0	5	2	4	0	1858089.610	0.041	0.022	[11]
5	4	1	0	5	3	2	0	1862114.253	0.045	-0.036	[11]
5	4	1	0	5	3	2	0	1862114.377	0.300	0.088	[8]
6	0	6	0	5	1	5	0	1867070.057	0.300	-0.115	[8]
6	0	6	0	5	1	5	0	1867070.394	0.171	0.222	[11]
14	6	9	0	13	7	6	0	1870230.665	0.300	0.203	[8]
7	1	6	1	7	0	7	1	1873204.916	0.500	-0.198	[8]
4	4	0	0	4	3	1	0	1891829.820	0.036	0.018	[11]
11	2	9	0	12	1	12	0	1892814.477	0.300	-0.199	[8]
4	4	1	0	4	3	2	0	1903352.039	0.200	0.004	[8]
7	2	6	0	7	1	7	0	1903660.752	0.100	-0.099	[8]
7	2	6	0	7	1	7	0	1903660.786	0.059	-0.065	[11]
5	4	2	0	5	3	3	0	1904922.080	0.037	-0.015	[11]
8	3	6	0	8	2	7	0	1913971.130	0.050	-0.107	[8]
8	3	6	0	8	2	7	0	1913971.246	0.055	0.009	[11]
6	4	3	0	6	3	4	0	1915511.337	0.100	-0.065	[8]
6	4	3	0	6	3	4	0	1915511.368	0.088	-0.034	[11]
6	1	6	0	5	0	5	0	1920687.348	0.050	0.004	[8]
6	1	6	0	5	0	5	0	1920687.354	0.039	0.010	[11]
3	2	2	1	2	1	1	1	1922132.425	0.050	-0.008	[8]
6	1	6	1	5	0	5	1	1922568.555	0.100	-0.102	[8]
4	4	1	0	5	1	4	0	1931792.769	0.054	0.061	[11]
7	4	4	0	7	3	5	0	1943341.397	0.100	-0.099	[8]
7	4	4	0	7	3	5	0	1943341.484	0.037	-0.012	[11]
7	4	3	1	7	3	4	1	1944488.727	0.200	-0.071	[8]
14	4	10	0	14	3	11	0	1954181.445	0.050	-0.141	[8]
14	6	8	0	13	7	7	0	1975478.994	0.200	0.386	[8]
13	4	10	0	12	5	7	0	1985234.152	0.100	-0.133	[8]
11	5	6	0	11	4	7	0	1986803.459	0.100	0.020	[8]
8	4	5	0	8	3	6	0	1996904.485	0.036	0.008	[11]
7	5	3	0	8	2	6	0	2011053.447	0.044	0.014	[11]
4	2	3	0	3	1	2	0	2072754.810	0.039	-0.003	[11]

9	4	6	0	9	3	7	0	2083128.365	0.180	-0.041	[8]
8	1	7	0	8	0	8	0	2092680.133	0.041	0.029	[11]
3	2	1	0	2	1	2	0	2104010.651	0.042	0.031	[11]
7	0	7	0	6	1	6	0	2170174.279	0.041	-0.109	[11]
8	2	7	0	8	1	8	0	2177194.243	0.041	-0.066	[11]
7	1	6	0	6	2	5	0	2277013.478	0.038	0.089	[11]
7	1	6	0	6	2	5	0	2277013.800	0.800	0.411	[8]
5	2	4	0	4	1	3	0	2293369.151	0.044	-0.043	[11]
8	5	3	0	8	4	4	0	2330851.127	0.038	0.026	[11]
8	2	6	0	7	3	5	0	2333887.194	0.100	-0.200	[8]
8	2	6	0	7	3	5	0	2333887.400	0.036	0.006	[11]
7	5	2	0	7	4	3	0	2376878.361	0.300	-0.218	[8]
7	5	2	0	7	4	3	0	2376878.544	0.040	-0.035	[11]
8	5	4	0	8	4	5	0	2397641.676	0.041	-0.017	[11]
6	5	1	0	6	4	2	0	2400382.322	0.040	-0.021	[11]
7	5	3	0	7	4	4	0	2401599.350	0.038	0.019	[11]
6	5	2	0	6	4	3	0	2407649.965	0.037	0.015	[11]
5	5	0	0	5	4	1	0	2410887.788	0.038	0.021	[11]
5	5	1	0	5	4	2	0	2412421.601	0.051	0.060	[11]
8	0	8	0	7	1	7	0	2465848.800	0.120	-0.068	[11]
3	3	1	0	2	2	0	0	2472191.939	0.039	0.051	[11]
8	1	8	0	7	0	7	0	2477700.224	0.036	-0.068	[11]
3	3	0	0	2	2	1	0	2487871.584	0.058	-0.081	[11]
6	2	5	0	5	1	4	0	2492960.465	0.037	0.000	[11]
6	5	2	0	7	2	5	0	2528196.099	0.044	-0.042	[11]
3	3	0	0	3	0	3	0	2584670.452	0.036	-0.096	[11]
8	1	7	0	7	2	6	0	2654868.110	0.067	-0.010	[11]
4	2	2	0	3	1	3	0	2688283.075	0.071	0.012	[11]
7	2	6	0	6	1	5	0	2689181.271	0.037	-0.027	[11]
10	1	9	0	10	0	10	0	2731009.018	0.220	0.148	[8]
4	3	1	0	4	0	4	0	2736804.981	0.038	0.004	[11]
4	3	2	0	3	2	1	0	2807098.229	0.092	-0.051	[11]
4	3	1	0	3	2	2	0	2885276.612	0.180	0.024	[11]
8	6	2	0	8	5	3	0	2889555.699	0.056	-0.037	[11]
8	6	3	0	8	5	4	0	2893642.415	0.045	-0.028	[11]
7	6	1	0	7	5	2	0	2898621.125	0.042	0.010	[11]
8	2	7	0	7	1	6	0	2899555.915	0.037	0.016	[11]
7	6	2	0	7	5	3	0	2899626.742	0.073	0.022	[11]
6	6	0	0	6	5	1	0	2902252.230	0.049	0.011	[11]
6	6	1	0	6	5	2	0	2902428.470	0.065	-0.064	[11]
5	3	2	0	5	0	5	0	2997072.252	0.044	0.104	[11]
5	3	3	0	4	2	2	0	3098437.767	0.037	-0.085	[11]
5	3	2	0	4	2	3	0	3324671.327	0.071	0.225	[11]
6	3	4	0	5	2	3	0	3339592.524	0.036	0.091	[11]
7	7	0	0	7	6	1	0	3367260.520	0.059	0.114	[11]
7	7	1	0	7	6	2	0	3367279.110	0.040	0.052	[11]
8	7	1	0	8	6	2	0	3367685.512	0.059	-0.018	[11]
8	7	2	0	8	6	3	0	3367809.159	0.040	-0.060	[11]
5	2	3	0	4	1	4	0	3378057.828	0.038	0.039	[11]
4	4	1	0	3	3	0	0	3379032.803	0.038	0.014	[11]
4	4	0	0	3	3	1	0	3380930.919	0.049	0.025	[11]
6	3	3	0	6	0	6	0	3385405.730	0.059	-0.082	[11]
7	3	5	0	6	2	4	0	3535559.341	0.120	-0.028	[11]
3	3	1	0	2	0	2	0	3619317.293	0.047	-0.039	[11]
8	3	6	0	7	2	5	0	3697832.834	0.097	0.063	[11]
5	4	2	0	4	3	1	0	3741269.401	0.038	-0.070	[11]

5	4	1	0	4	3	2	0	3754519.171	0.037	-0.013	[11]
6	4	2	0	6	1	5	0	3776395.270	0.038	0.103	[11]
5	4	1	0	5	1	4	0	3782959.825	0.064	-0.032	[11]
6	3	3	0	5	2	4	0	3833183.610	0.050	0.060	[11]
4	4	0	0	4	1	3	0	3846163.892	0.059	0.037	[11]
7	4	3	0	7	1	6	0	3862332.991	0.036	0.005	[11]
7	3	4	0	7	0	7	0	3914245.631	0.061	-0.130	[11]
4	3	2	0	3	0	3	0	4060351.346	0.109	0.044	[11]
8	4	4	0	8	1	7	0	4070094.342	0.088	0.079	[11]
6	4	3	0	5	3	2	0	4085368.747	0.052	-0.095	[11]
6	4	2	0	5	3	3	0	4137172.519	0.062	-0.001	[11]
5	5	1	0	4	4	0	0	4261861.286	0.052	0.076	[11]
5	5	0	0	4	4	1	0	4262055.007	0.090	0.091	[11]
7	4	4	0	6	3	3	0	4394203.184	0.120	0.112	[11]
7	3	4	0	6	2	5	0	4435920.495	0.095	0.047	[11]
8	3	5	0	8	0	8	0	4582713.451	0.058	-0.158	[11]
6	5	2	0	5	4	1	0	4630904.565	0.036	0.062	[11]
6	5	1	0	5	4	2	0	4632632.725	0.045	-0.043	[11]
8	4	5	0	7	3	4	0	4651524.577	0.056	0.023	[11]
5	4	2	0	5	1	5	0	4821526.699	0.106	-0.064	[11]
8	5	3	0	8	2	6	0	4985151.759	0.048	-0.091	[11]
8	4	4	0	7	3	5	0	4988188.093	0.171	-0.050	[11]
7	5	3	0	6	4	2	0	4994501.210	0.049	0.012	[11]
7	5	2	0	6	4	3	0	5002971.123	0.063	0.114	[11]
6	6	1	0	5	5	0	0	5122445.287	0.450	0.017	[11]
6	6	0	0	5	5	1	0	5122463.195	0.189	-0.251	[11]
8	3	5	0	7	2	6	0	5144901.449	0.225	-0.176	[11]

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