

SUPPLEMENTARY MATERIAL

The ν_6 band of *trans*-1,2-C₂H₂³⁵Cl₂

UPPER STATE			LOWER STATE			WAVENUMBER	OBS-CALC
J	KA	KC	J	KA	KC		
3	0	3	3	1	3	896.25725	-0.00032
3	0	3	4	1	3	895.83944	0.00040
4	0	4	5	1	4	895.73370	-0.00006
5	0	5	5	1	5	896.26452	0.00005
6	0	6	6	1	6	896.26882	-0.00025
6	0	6	7	1	6	895.52116	0.00015
7	0	7	6	1	5	896.94922	-0.00023
7	0	7	7	1	7	896.27501	0.00060
7	0	7	8	1	7	895.41382	0.00028
8	0	8	8	1	8	896.28039	-0.00012
8	0	8	7	1	6	897.04661	0.00060
8	0	8	9	1	8	895.30566	0.00033
9	0	9	9	1	9	896.28739	0.00003
10	0	10	11	1	10	895.08667	-0.00002
10	0	10	10	1	10	896.29492	-0.00002
10	0	10	9	1	8	897.23709	0.00020
11	0	11	11	1	11	896.30380	0.00055
11	0	11	12	1	11	894.97636	0.00013
12	0	12	12	1	12	896.31241	0.00012
12	0	12	11	1	10	897.42434	-0.00038
12	0	12	13	1	12	894.86525	0.00023
13	0	13	12	1	11	897.51770	0.00022
13	0	13	14	1	13	894.75306	0.00002
13	0	13	13	1	13	896.32155	-0.00049
14	0	14	14	1	14	896.33285	0.00036
14	0	14	15	1	14	894.64033	0.00006
14	0	14	13	1	12	897.60971	0.00027
15	0	15	15	1	15	896.34388	0.00023
16	0	16	15	1	14	897.79077	-0.00019
16	0	16	17	1	16	894.41192	-0.00045
16	0	16	16	1	16	896.35572	0.00024
17	0	17	17	1	17	896.36810	0.00011
17	0	17	16	1	15	897.87983	-0.00067
17	0	17	18	1	17	894.29731	0.00009
18	0	18	17	1	16	897.96915	-0.00006
18	0	18	18	1	18	896.38155	0.00038
18	0	18	19	1	18	894.18108	-0.00016
19	0	19	19	1	19	896.39527	0.00028
19	0	19	18	1	17	898.05712	0.00005
19	0	19	20	1	19	894.06378	-0.00066
20	0	20	19	1	18	898.14402	-0.00006
20	0	20	20	1	20	896.40980	0.00035
20	0	20	21	1	20	893.94702	0.00023
21	0	21	21	1	21	896.42460	0.00007
21	0	21	22	1	21	893.82810	-0.00018
21	0	21	20	1	19	898.23011	-0.00010

22	0	22	21	1	20	898.31486	-0.00060
23	0	23	22	1	21	898.39961	-0.00020
23	0	23	23	1	23	896.45661	0.00011
24	0	24	25	1	24	893.46732	-0.00017
24	0	24	24	1	24	896.47356	0.00020
24	0	24	23	1	22	898.48382	0.00057
25	0	25	24	1	23	898.56560	-0.00015
25	0	25	25	1	25	896.49105	0.00028
26	0	26	26	1	26	896.50854	-0.00019
27	0	27	27	1	27	896.52710	-0.00011
27	0	27	26	1	25	898.72784	-0.00005
27	0	27	28	1	27	893.09847	0.00000
28	0	28	28	1	28	896.54620	0.00001
28	0	28	29	1	28	892.97337	-0.00019
28	0	28	27	1	26	898.80801	0.00051
29	0	29	30	1	29	892.84746	-0.00021
29	0	29	28	1	27	898.88603	-0.00008
29	0	29	29	1	29	896.56584	0.00017
30	0	30	29	1	28	898.96432	0.00063
30	0	30	31	1	30	892.72074	-0.00004
31	0	31	32	1	31	892.59241	-0.00047
31	0	31	31	1	31	896.60566	-0.00033
32	0	32	31	1	30	899.11552	-0.00022
32	0	32	32	1	32	896.62637	-0.00043
32	0	32	33	1	32	892.46408	0.00013
33	0	33	33	1	33	896.64736	-0.00065
33	0	33	32	1	31	899.19058	0.00042
33	0	33	34	1	33	892.33333	-0.00063
36	0	36	37	1	36	891.93730	-0.00021
37	0	37	36	1	35	899.47684	0.00016
37	0	37	38	1	37	891.80251	-0.00062
38	0	38	39	1	38	891.66772	0.00011
38	0	38	38	1	38	896.75901	-0.00036
39	0	39	39	1	39	896.78215	-0.00039
40	0	40	39	1	38	899.67889	-0.00041
40	0	40	40	1	40	896.80609	0.00013
40	0	40	41	1	40	891.39250	-0.00055
42	0	42	42	1	42	896.85344	0.00001
42	0	42	41	1	40	899.80829	0.00004
43	0	43	44	1	43	890.97199	-0.00016
43	0	43	43	1	43	896.87739	-0.00004
43	0	43	42	1	41	899.87071	-0.00012
44	0	44	45	1	44	890.82913	-0.00023
44	0	44	43	1	42	899.93205	-0.00006
45	0	45	45	1	45	896.92608	0.00020
45	0	45	44	1	43	899.99205	-0.00003
46	0	46	47	1	46	890.53991	-0.00004
47	0	47	48	1	47	890.39302	-0.00027
47	0	47	46	1	45	900.10773	-0.00030
47	0	47	47	1	47	896.97478	0.00005
48	0	48	48	1	48	896.99926	0.00001
48	0	48	47	1	46	900.16423	0.00026
48	0	48	49	1	48	890.24532	0.00002
49	0	49	50	1	49	890.09627	0.00029
49	0	49	49	1	49	897.02401	0.00021
49	0	49	48	1	47	900.21858	0.00005
50	0	50	51	1	50	889.94534	0.00003
50	0	50	49	1	48	900.27185	0.00016
51	0	51	50	1	49	900.32350	0.00005

51	0	51	52	1	51	889.79360	0.00032
51	0	51	51	1	51	897.07325	0.00033
52	0	52	52	1	52	897.09692	-0.00052
52	0	52	53	1	52	889.63944	-0.00043
52	0	52	51	1	50	900.37354	-0.00025
53	0	53	53	1	53	897.12194	0.00004
53	0	53	52	1	51	900.42305	0.00035
54	0	54	54	1	54	897.14643	0.00014
54	0	54	53	1	52	900.47013	-0.00003
54	0	54	55	1	54	889.32843	-0.00044
55	0	55	55	1	55	897.17064	0.00006
55	0	55	56	1	55	889.17158	0.00031
55	0	55	54	1	53	900.51587	-0.00030
56	0	56	55	1	54	900.56026	-0.00045
56	0	56	57	1	56	889.01231	0.00006
56	0	56	56	1	56	897.19458	-0.00018
57	0	57	57	1	57	897.21880	-0.00001
58	0	58	58	1	58	897.24247	-0.00024
59	0	59	59	1	59	897.26642	-0.00001
59	0	59	58	1	57	900.68563	0.00013
60	0	60	60	1	60	897.29009	0.00011
60	0	60	61	1	60	888.36178	-0.00014
60	0	60	59	1	58	900.72410	-0.00002
61	0	61	62	1	61	888.19551	-0.00025
61	0	61	61	1	61	897.31350	0.00017
61	0	61	60	1	59	900.76069	-0.00057
62	0	62	63	1	62	888.02844	0.00027
63	0	63	63	1	63	897.35924	-0.00013
63	0	63	64	1	63	887.85921	0.00007
64	0	64	65	1	64	887.68864	-0.00005
64	0	64	64	1	64	897.38157	-0.00046
64	0	64	63	1	62	900.86346	-0.00029
65	0	65	65	1	65	897.40417	-0.00028
65	0	65	64	1	63	900.89548	0.00054
66	0	66	65	1	64	900.92507	0.00041
67	0	67	68	1	67	887.16886	0.00001
67	0	67	67	1	67	897.44883	0.00034
68	0	68	68	1	68	897.47062	0.00053
68	0	68	67	1	66	900.97942	-0.00027
68	0	68	69	1	68	886.99291	0.00015
69	0	69	69	1	69	897.49133	-0.00008
70	0	70	71	1	70	886.63589	-0.00055
70	0	70	70	1	70	897.51232	-0.00011
71	0	71	72	1	71	886.45671	0.00047
71	0	71	70	1	69	901.05179	0.00039
71	0	71	71	1	71	897.53330	0.00015
72	0	72	72	1	72	897.55375	0.00018
72	0	72	73	1	72	886.27458	-0.00012
73	0	73	72	1	71	901.09268	0.00055
74	0	74	74	1	74	897.59357	0.00010
75	0	75	75	1	75	897.61294	0.00000
76	0	76	76	1	76	897.63150	-0.00061
78	0	78	79	1	78	885.15860	0.00019
79	0	79	80	1	79	884.96839	0.00032
4	1	4	4	0	4	899.62938	-0.00001
6	1	6	7	2	6	892.12428	-0.00033
6	1	6	6	0	6	899.62212	0.00042
7	1	7	8	2	7	892.01774	-0.00029
7	1	7	7	0	7	899.61701	0.00019

8	1	8	9	2	8	891.91147	0.00073
10	1	10	10	2	8	892.81194	0.00023
10	1	10	11	2	10	891.69463	0.00056
11	1	11	11	2	9	892.80360	-0.00013
11	1	11	12	2	11	891.58540	0.00073
12	1	12	12	0	12	899.58203	-0.00032
12	1	12	11	2	10	894.01643	0.00070
12	1	12	13	2	12	891.47428	-0.00029
12	1	12	12	2	10	892.79526	0.00028
13	1	13	14	2	13	891.36344	-0.00032
13	1	13	13	0	13	899.57369	0.00020
13	1	13	12	2	11	894.10844	0.00026
14	1	14	13	2	12	894.20018	0.00026
14	1	14	14	0	14	899.56401	0.00002
15	1	15	15	0	15	899.55405	0.00018
15	1	15	14	2	13	894.29166	0.00071
16	1	16	16	0	16	899.54356	0.00042
16	1	16	15	2	14	894.38152	0.00026
17	1	17	18	2	17	890.91334	-0.00011
17	1	17	17	2	15	892.73930	0.00014
17	1	17	17	0	17	899.53172	-0.00009
18	1	18	17	2	16	894.56016	0.00043
18	1	18	18	0	18	899.52015	0.00027
18	1	18	19	2	18	890.79954	0.00044
18	1	18	18	2	16	892.72558	0.00011
19	1	19	20	2	19	890.68412	0.00007
19	1	19	18	2	17	894.64760	-0.00028
19	1	19	19	0	19	899.50778	0.00039
19	1	19	19	2	17	892.71079	-0.00011
20	1	20	20	2	18	892.69572	0.00029
20	1	20	19	2	18	894.73503	-0.00029
20	1	20	20	0	20	899.49406	-0.00028
20	1	20	21	2	20	890.56816	-0.00012
21	1	21	21	0	21	899.48007	-0.00067
21	1	21	20	2	19	894.82220	0.00017
21	1	21	22	2	21	890.45167	-0.00013
21	1	21	21	2	19	892.67958	0.00055
22	1	22	22	2	20	892.66101	-0.00068
22	1	22	22	0	22	899.46581	-0.00080
22	1	22	21	2	20	894.90829	0.00027
22	1	22	23	2	22	890.33410	-0.00050
23	1	23	23	0	23	899.45155	-0.00042
23	1	23	22	2	21	894.99358	0.00030
23	1	23	23	2	21	892.64326	-0.00013
23	1	23	24	2	23	890.21653	-0.00017
24	1	24	24	0	24	899.43675	-0.00008
24	1	24	23	2	22	895.07806	0.00024
24	1	24	24	2	22	892.62416	0.00007
25	1	25	25	0	25	899.42115	-0.00007
25	1	25	24	2	23	895.16200	0.00037
25	1	25	25	2	23	892.60344	-0.00035
26	1	26	27	2	26	889.85871	0.00003
26	1	26	26	2	24	892.58245	0.00001
26	1	26	25	2	24	895.24459	-0.00012
26	1	26	26	0	26	899.40527	0.00013
27	1	27	27	0	27	899.38886	0.00023
27	1	27	27	2	25	892.55986	-0.00017
28	1	28	28	2	26	892.53645	-0.00008
28	1	28	29	2	28	889.61630	-0.00012

28	1	28	28	0	28	899.37164	-0.00005
29	1	29	29	2	27	892.51197	0.00006
29	1	29	28	2	27	895.48969	0.00013
29	1	29	29	0	29	899.35416	-0.00020
30	1	30	29	2	28	895.57013	0.00043
30	1	30	30	2	28	892.48614	-0.00001
31	1	31	31	2	29	892.45924	0.00004
31	1	31	31	0	31	899.31837	-0.00020
31	1	31	30	2	29	895.64950	0.00039
32	1	32	32	0	32	899.30008	-0.00009
32	1	32	32	2	30	892.43099	-0.00007
32	1	32	31	2	30	895.72779	0.00001
33	1	33	33	2	31	892.40139	-0.00029
33	1	33	33	0	33	899.28098	-0.00046
33	1	33	32	2	31	895.80608	0.00036
33	1	33	34	2	33	888.99886	0.00070
34	1	34	34	2	32	892.37045	-0.00058
34	1	34	34	0	34	899.26241	-0.00002
34	1	34	35	2	34	888.87214	-0.00020
35	1	35	35	2	33	892.33897	-0.00012
35	1	35	34	2	33	895.95943	0.00008
35	1	35	36	2	35	888.74623	0.00044
35	1	35	35	0	35	899.24304	-0.00012
36	1	36	36	2	34	892.30535	-0.00047
36	1	36	35	2	34	896.03503	-0.00003
37	1	37	37	2	35	892.27118	-0.00001
38	1	38	38	2	36	892.23513	-0.00003
39	1	39	39	2	37	892.19800	0.00029
39	1	39	39	0	39	899.16341	-0.00046
40	1	40	41	2	40	888.10242	0.00027
40	1	40	40	0	40	899.14350	-0.00012
40	1	40	40	2	38	892.15818	-0.00062
41	1	41	41	2	39	892.11836	-0.00004
41	1	41	42	2	41	887.97140	0.00016
41	1	41	41	0	41	899.12305	-0.00021
42	1	42	42	0	42	899.10234	-0.00046
42	1	42	42	2	40	892.07666	0.00018
43	1	43	43	2	41	892.03335	0.00036
43	1	43	43	0	43	899.08216	-0.00011
44	1	44	44	0	44	899.06198	0.00028
44	1	44	44	2	42	891.98788	-0.00004
44	1	44	45	2	44	887.57403	-0.00009
45	1	45	45	2	43	891.94134	0.00012
45	1	45	45	0	45	899.04100	-0.00011
45	1	45	46	2	45	887.44059	0.00031
46	1	46	46	2	44	891.89291	0.00004
46	1	46	46	0	46	899.02082	0.00029
46	1	46	47	2	46	887.30580	0.00009
47	1	47	47	2	45	891.84287	0.00005
47	1	47	47	0	47	899.00037	0.00040
48	1	48	48	0	48	898.97912	-0.00036
48	1	48	48	2	46	891.79121	0.00016
49	1	49	49	0	49	898.95921	0.00015
49	1	49	50	2	49	886.89740	-0.00021
50	1	50	51	2	50	886.76073	0.00061
50	1	50	50	0	50	898.93849	-0.00025
51	1	51	51	2	49	891.62522	0.00012
51	1	51	51	0	51	898.91885	0.00030
52	1	52	52	0	52	898.89841	-0.00010

52	1	52	53	2	52	886.48335	0.00042
52	1	52	52	2	50	891.56630	0.00016
53	1	53	53	2	51	891.50576	0.00047
53	1	53	54	2	53	886.34345	0.00020
53	1	53	53	0	53	898.87877	0.00013
54	1	54	54	2	52	891.44254	-0.00001
54	1	54	55	2	54	886.20274	-0.00009
54	1	54	54	0	54	898.85886	-0.00010
55	1	55	55	0	55	898.83949	-0.00001
55	1	55	55	2	53	891.37743	-0.00044
56	1	56	56	0	56	898.82038	0.00011
57	1	57	57	0	57	898.80128	-0.00001
57	1	57	57	2	55	891.24291	0.00029
58	1	58	58	0	58	898.78245	-0.00013
58	1	58	59	2	58	885.63426	0.00038
58	1	58	58	2	56	891.17162	-0.00038
59	1	59	59	0	59	898.76416	0.00000
59	1	59	60	2	59	885.48979	-0.00004
60	1	60	60	0	60	898.74559	-0.00046
60	1	60	61	2	60	885.34532	0.00026
60	1	60	60	2	58	891.02445	-0.00018
61	1	61	61	2	59	890.94805	0.00021
61	1	61	61	0	61	898.72784	-0.00041
61	1	61	62	2	61	885.19923	-0.00034
62	1	62	62	0	62	898.71062	-0.00018
62	1	62	62	2	60	890.86922	0.00026
63	1	63	63	0	63	898.69286	-0.00083
63	1	63	63	2	61	890.78824	0.00028
63	1	63	64	2	63	884.90651	0.00009
64	1	64	65	2	64	884.75854	-0.00024
64	1	64	64	0	64	898.67672	-0.00022
65	1	65	66	2	65	884.61057	0.00015
65	1	65	65	0	65	898.66031	-0.00026
65	1	65	65	2	63	890.61982	0.00026
66	1	66	67	2	66	884.46179	0.00044
66	1	66	66	2	64	890.53157	-0.00055
66	1	66	66	0	66	898.64470	0.00012
67	1	67	67	2	65	890.44145	-0.00105
68	1	68	69	2	68	884.16155	0.00046
70	1	70	70	0	70	898.58390	-0.00077
71	1	71	71	0	71	898.57045	-0.00029
72	1	72	72	0	72	898.55726	0.00002
72	1	72	73	2	72	883.55164	-0.00054
73	1	73	73	0	73	898.54408	-0.00009
73	1	73	74	2	73	883.39801	-0.00022
74	1	74	74	0	74	898.53171	0.00018
75	1	75	75	0	75	898.51960	0.00026
76	1	76	76	0	76	898.50669	-0.00090
76	1	76	77	2	76	882.93177	-0.00050
79	1	79	79	0	79	898.47521	0.00022
80	1	80	80	0	80	898.46498	-0.00002
1	1	0	0	0	0	899.73969	0.00088
2	1	1	3	2	1	892.54883	0.00058
2	1	1	2	2	1	892.85257	-0.00064
3	1	2	2	0	2	899.94604	0.00016
3	1	2	3	2	2	892.85580	0.00033
4	1	3	5	2	3	892.35054	0.00036
5	1	4	4	0	4	900.15562	-0.00035
5	1	4	6	2	4	892.25234	0.00008

5	1	4	5	2	4	892.86252	0.00028
6	1	5	5	0	5	900.26243	0.00028
7	1	6	6	0	6	900.36951	0.00041
8	1	7	9	2	7	891.96313	0.00028
9	1	8	10	2	8	891.86735	-0.00045
9	1	8	8	0	8	900.58528	-0.00002
10	1	9	10	2	9	892.89158	-0.00071
10	1	9	9	0	9	900.69478	0.00022
11	1	10	12	2	10	891.68037	0.00057
11	1	10	10	0	10	900.80481	0.00021
11	1	10	11	2	10	892.90019	-0.00035
12	1	11	12	2	11	892.90961	0.00006
12	1	11	11	0	11	900.91512	-0.00032
13	1	12	13	2	12	892.91956	0.00027
13	1	12	12	0	12	901.02731	0.00023
14	1	13	14	2	13	892.93005	0.00026
14	1	13	13	0	13	901.13923	-0.00029
14	1	13	15	2	13	891.40326	0.00046
15	1	14	14	0	14	901.25276	-0.00001
15	1	14	15	2	14	892.94028	-0.00075
16	1	15	15	0	15	901.36684	-0.00002
16	1	15	16	2	15	892.95319	0.00018
16	1	15	17	2	15	891.22166	0.00035
17	1	16	17	2	16	892.96583	0.00010
17	1	16	16	0	16	901.48118	-0.00060
18	1	17	17	0	17	901.59740	-0.00015
18	1	17	19	2	17	891.04167	-0.00054
18	1	17	18	2	17	892.97929	0.00010
19	1	18	19	2	18	892.99355	0.00016
19	1	18	20	2	18	890.95343	-0.00007
20	1	19	19	0	19	901.83173	0.00006
20	1	19	20	2	19	893.00834	0.00001
20	1	19	21	2	19	890.86491	-0.00042
21	1	20	21	2	20	893.02368	-0.00032
21	1	20	20	0	20	901.95038	0.00032
22	1	21	22	2	21	893.04036	-0.00005
22	1	21	23	2	21	890.69058	0.00007
22	1	21	21	0	21	902.06929	-0.00006
23	1	22	23	2	22	893.05731	-0.00023
23	1	22	22	0	22	902.18956	0.00001
24	1	23	25	2	23	890.51731	-0.00025
24	1	23	24	2	23	893.07560	0.00019
25	1	24	25	2	24	893.09417	0.00017
25	1	24	26	2	24	890.43203	0.00030
25	1	24	24	0	24	902.43277	0.00002
26	1	25	26	2	25	893.11300	-0.00031
26	1	25	27	2	25	890.34647	0.00019
27	1	26	26	0	26	902.67974	-0.00007
27	1	26	27	2	26	893.13291	-0.00044
27	1	26	28	2	26	890.26092	-0.00028
28	1	27	28	2	27	893.15389	-0.00021
29	1	28	30	2	28	890.09223	0.00021
29	1	28	28	0	28	902.93103	0.00018
29	1	28	29	2	28	893.17488	-0.00069
30	1	29	31	2	29	890.00802	0.00017
30	1	29	29	0	29	903.05774	-0.00017
31	1	30	30	0	30	903.18607	0.00005
32	1	31	33	2	31	889.84014	-0.00008
33	1	32	32	0	32	903.44543	-0.00004

35	1	34	36	2	34	889.59021	0.00018
35	1	34	34	0	34	903.70935	-0.00001
35	1	34	35	2	34	893.31908	-0.00018
36	1	35	35	0	35	903.84334	0.00032
38	1	37	37	0	37	904.11399	0.00011
38	1	37	38	2	37	893.40060	0.00010
39	1	38	39	2	38	893.42885	-0.00008
40	1	39	39	0	39	904.38895	-0.00063
40	1	39	41	2	39	889.17427	0.00019
40	1	39	40	2	39	893.45737	-0.00068
41	1	40	40	0	40	904.52938	0.00008
41	1	40	41	2	40	893.48723	-0.00060
41	1	40	42	2	40	889.09087	0.00014
42	1	41	42	2	41	893.51817	-0.00010
42	1	41	43	2	41	889.00747	0.00024
42	1	41	43	0	43	896.05655	0.00004
43	1	42	42	0	42	904.81295	0.00037
43	1	42	43	2	42	893.54938	0.00001
43	1	42	44	2	42	888.92326	-0.00029
44	1	43	45	2	43	888.83959	-0.00006
44	1	43	44	2	43	893.58113	0.00000
44	1	43	43	0	43	904.95635	0.00017
44	1	43	45	0	45	895.93952	-0.00002
45	1	44	44	0	44	905.10109	-0.00002
45	1	44	46	2	44	888.75538	-0.00011
45	1	44	45	2	44	893.61341	-0.00012
46	1	45	47	2	45	888.67090	-0.00014
46	1	45	46	2	45	893.64623	-0.00033
46	1	45	47	0	47	895.82787	-0.00032
46	1	45	45	0	45	905.24745	0.00005
47	1	46	47	2	46	893.68013	-0.00010
47	1	46	46	0	46	905.39515	0.00010
47	1	46	48	0	48	895.77487	0.00020
47	1	46	48	2	46	888.58589	-0.00036
48	1	47	49	2	47	888.50114	0.00005
48	1	47	47	0	47	905.54420	0.00011
48	1	47	48	2	47	893.71457	0.00004
49	1	48	48	0	48	905.69432	-0.00022
49	1	48	49	2	48	893.74954	0.00010
50	1	49	51	2	49	888.33003	0.00053
50	1	49	49	0	49	905.84660	0.00020
51	1	50	50	0	50	905.99941	-0.00030
51	1	50	51	2	50	893.82111	0.00003
51	1	50	52	2	50	888.24286	-0.00013
52	1	51	52	2	51	893.85797	0.00017
52	1	51	53	0	53	895.52923	-0.00008
53	1	52	54	0	54	895.48484	0.00005
53	1	52	54	2	52	888.06799	-0.00038
54	1	53	55	0	55	895.44153	-0.00028
54	1	53	54	2	53	893.93276	-0.00023
54	1	53	55	2	53	887.98055	0.00037
55	1	54	56	2	54	887.89096	-0.00040
55	1	54	55	2	54	893.97123	-0.00021
55	1	54	56	0	56	895.40037	-0.00002
56	1	55	57	0	57	895.36055	0.00002
56	1	55	57	2	55	887.80191	0.00005
57	1	56	58	2	56	887.71097	-0.00069
57	1	56	56	0	56	906.95046	0.00001
57	1	56	57	2	56	894.04952	-0.00048

58	1	57	57	0	57	907.11377	-0.00040
58	1	57	59	2	57	887.62084	0.00012
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59	1	58	60	2	58	887.52910	0.00010
59	1	58	58	0	58	907.27977	0.00037
60	1	59	61	2	59	887.43655	0.00007
60	1	59	60	2	59	894.17194	0.00010
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60	1	59	61	0	61	895.21715	0.00026
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62	1	61	63	0	63	895.15473	0.00014
62	1	61	63	2	61	887.24903	0.00017
63	1	62	62	0	62	907.95532	-0.00034
63	1	62	64	0	64	895.12595	0.00013
63	1	62	64	2	62	887.15379	0.00008
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65	1	64	66	0	66	895.07268	-0.00036
65	1	64	64	0	64	908.30292	-0.00007
66	1	65	67	0	67	895.04954	0.00052
66	1	65	66	2	65	894.42860	-0.00020
68	1	67	69	2	67	886.66280	-0.00052
68	1	67	67	0	67	908.83535	-0.00007
68	1	67	68	2	67	894.51792	-0.00008
69	1	68	68	0	68	909.01560	-0.00031
69	1	68	70	2	68	886.56191	-0.00020
69	1	68	69	2	68	894.56312	-0.00008
70	1	69	70	2	69	894.60885	0.00006
70	1	69	69	0	69	909.19801	0.00010
70	1	69	71	2	69	886.45940	-0.00039
71	1	70	71	2	70	894.65459	-0.00015
71	1	70	70	0	70	909.38096	-0.00042
72	1	71	72	2	71	894.70060	-0.00043
74	1	73	73	0	73	909.94083	0.00028
76	1	75	75	0	75	910.31990	-0.00055
77	1	76	76	0	76	910.51280	0.00032
79	1	78	78	0	78	910.90076	0.00018
5	2	4	6	3	4	888.82156	0.00026
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10	2	9	9	1	9	904.05292	0.00058
10	2	9	11	3	9	888.31416	0.00033
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16	2	15	15	3	13	891.05997	0.00025
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17	2	16	18	3	16	887.60416	0.00057
17	2	16	16	3	14	891.16139	-0.00016
17	2	16	17	1	16	902.89121	-0.00001
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18	2	17	19	3	17	887.50247	0.00039
18	2	17	18	1	17	902.87803	-0.00034
19	2	18	19	1	18	902.86457	-0.00024
19	2	18	18	1	18	905.06531	0.00057
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20	2	19	19	1	19	905.18126	0.00015
20	2	19	20	1	19	902.85085	0.00029
20	2	19	19	3	17	891.46729	0.00038
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21	2	20	22	3	20	887.19738	-0.00003
21	2	20	21	1	20	902.83552	-0.00009
22	2	21	22	1	21	902.82018	0.00022
22	2	21	23	3	21	887.09568	-0.00009
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24	2	23	24	1	23	902.78655	-0.00004
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35	2	34	36	3	34	885.76771	-0.00033
36	2	35	37	3	35	885.66520	0.00005
36	2	35	36	1	35	902.52881	-0.00061
37	2	36	37	1	36	902.50379	0.00008
37	2	36	38	3	36	885.56216	0.00004

38	2	37	37	1	37	907.41079	0.00009
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38	2	37	39	3	37	885.45912	0.00019
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39	2	38	39	1	38	902.45052	0.00014
39	2	38	38	3	36	893.38688	0.00028
41	2	40	40	1	40	907.80735	-0.00009
41	2	40	41	1	40	902.39402	-0.00052
42	2	41	42	1	41	902.36524	-0.00045
42	2	41	41	3	39	893.68551	0.00011
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43	2	42	44	3	42	884.94068	0.00035
44	2	43	45	3	43	884.83549	-0.00053
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45	2	44	46	3	44	884.73164	0.00015
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46	2	45	46	1	45	902.24471	0.00041
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46	2	45	45	1	45	908.48506	0.00018
47	2	46	47	3	44	889.39435	-0.00058
47	2	46	48	3	46	884.52206	0.00032
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68	2	67	68	3	65	889.20172	-0.00002
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75	2	74	75	3	72	889.07042	0.00023
76	2	75	76	3	73	889.04809	0.00049
76	2	75	76	1	75	901.08515	0.00004
76	2	75	77	3	75	881.32938	-0.00039
77	2	76	78	3	76	881.21261	-0.00054
77	2	76	77	1	76	901.04157	0.00024
78	2	77	78	1	77	900.99798	0.00059
79	2	78	79	1	78	900.95359	0.00026
79	2	78	79	3	76	888.97330	-0.00017
79	2	78	80	3	78	880.97828	-0.00005
80	2	79	80	1	79	900.90920	0.00003

80	2	79	80	3	77	888.94667	0.00014
3	2	1	4	3	1	889.02388	-0.00053
3	2	1	2	1	1	903.30338	-0.00037
3	2	1	3	1	3	903.00582	0.00032
4	2	2	4	1	4	903.00851	-0.00009
4	2	2	3	1	2	903.40346	0.00018
5	2	3	6	3	3	888.82156	0.00023
6	2	4	5	1	4	903.60066	0.00045
6	2	4	7	3	4	888.72014	0.00030
7	2	5	8	3	5	888.61817	-0.00022
7	2	5	6	1	5	903.69725	-0.00038
8	2	6	9	3	6	888.51674	-0.00023
8	2	6	8	1	8	903.02869	-0.00016
9	2	7	8	1	7	903.89015	-0.00024
9	2	7	9	1	9	903.03595	0.00004
9	2	7	10	3	7	888.41532	-0.00029
10	2	8	9	3	6	890.44925	0.00019
10	2	8	10	1	10	903.04375	-0.00004
10	2	8	11	3	8	888.31416	-0.00014
10	2	8	9	1	8	903.98566	-0.00009
11	2	9	10	3	7	890.55121	0.00009
11	2	9	12	3	9	888.21246	-0.00058
11	2	9	11	1	11	903.05317	0.00067
12	2	10	11	1	10	904.17425	-0.00024
12	2	10	12	1	12	903.06232	0.00027
12	2	10	13	3	10	888.11130	-0.00056
13	2	11	13	1	13	903.07308	0.00063
14	2	12	14	1	14	903.08411	0.00040
14	2	12	13	1	12	904.36043	-0.00023
15	2	13	14	3	11	890.96069	0.00058
15	2	13	15	1	15	903.09622	0.00037
16	2	14	15	1	14	904.54445	0.00008
16	2	14	17	3	14	887.70774	-0.00020
16	2	14	15	3	12	891.06319	0.00060
16	2	14	16	1	16	903.10913	0.00024
17	2	15	16	1	15	904.63592	0.00058
17	2	15	18	3	15	887.60712	-0.00010
17	2	15	17	1	17	903.12312	0.00029
17	2	15	16	3	13	891.16597	0.00078
18	2	16	19	3	16	887.50650	-0.00012
18	2	16	18	1	18	903.13819	0.00049
18	2	16	17	3	14	891.26820	0.00029
19	2	17	20	3	17	887.40588	-0.00027
19	2	17	19	1	19	903.15379	0.00027
19	2	17	18	3	15	891.37097	0.00020
20	2	18	20	1	20	903.17074	0.00044
20	2	18	19	1	18	904.90550	0.00057
20	2	18	21	3	18	887.30580	-0.00003
21	2	19	20	1	19	904.99374	-0.00001
21	2	19	22	3	19	887.20491	-0.00076
22	2	20	23	3	20	887.10590	0.00022
22	2	20	21	1	20	905.08199	-0.00010
22	2	20	22	1	22	903.20679	-0.00005
23	2	21	24	3	21	887.00582	-0.00006
23	2	21	22	1	21	905.17023	0.00028
23	2	21	22	3	19	891.78314	-0.00066
23	2	21	23	1	23	903.22724	0.00060
24	2	22	24	1	24	903.24768	0.00019
24	2	22	23	1	22	905.25767	0.00029

24	2	22	25	3	22	886.90655	0.00027
25	2	23	24	1	23	905.34376	-0.00063
25	2	23	24	3	21	891.99192	0.00044
25	2	23	25	1	25	903.26975	0.00034
26	2	24	25	3	22	892.09549	-0.00018
26	2	24	27	3	24	886.70773	-0.00001
26	2	24	25	1	24	905.43120	0.00019
26	2	24	26	1	26	903.29234	-0.00009
27	2	25	26	1	25	905.51729	0.00003
27	2	25	28	3	25	886.60899	0.00016
28	2	26	28	1	28	903.34212	0.00025
28	2	26	27	1	26	905.60339	0.00021
28	2	26	29	3	26	886.51025	0.00007
29	2	27	28	1	27	905.68894	0.00016
29	2	27	30	3	27	886.41178	-0.00003
29	2	27	29	1	29	903.36821	-0.00013
29	2	27	28	3	25	892.40973	-0.00004
30	2	28	29	3	26	892.51493	-0.00012
30	2	28	31	3	28	886.31439	0.00065
30	2	28	30	1	30	903.39592	-0.00009
30	2	28	29	1	28	905.77449	0.00039
31	2	29	30	3	27	892.62120	0.00056
31	2	29	31	1	31	903.42444	-0.00048
32	2	30	32	1	32	903.45484	-0.00024
32	2	30	33	3	30	886.11907	0.00052
35	2	33	36	3	33	885.82878	0.00036
35	2	33	34	3	31	893.04601	-0.00054
35	2	33	35	1	35	903.55358	0.00014
36	2	34	37	3	34	885.73246	-0.00003
36	2	34	36	1	36	903.58909	0.00014
37	2	35	37	1	37	903.62595	0.00007
37	2	35	36	3	33	893.26232	0.00045
37	2	35	38	3	35	885.63695	-0.00003
38	2	36	38	1	38	903.66416	-0.00009
38	2	36	39	3	36	885.54198	0.00007
39	2	37	39	1	39	903.70451	0.00042
39	2	37	38	3	35	893.47916	0.00020
40	2	38	40	1	40	903.74567	0.00022
40	2	38	41	3	38	885.35339	0.00024
40	2	38	39	1	38	906.61901	0.00022
41	2	39	41	1	41	903.78818	-0.00016
41	2	39	42	3	39	885.25976	0.00025
41	2	39	40	1	39	906.70349	0.00033
42	2	40	42	1	42	903.83284	0.00002
42	2	40	41	1	40	906.78769	0.00005
42	2	40	43	3	40	885.16614	-0.00023
42	2	40	41	3	38	893.80846	0.00020
43	2	41	42	3	39	893.91931	0.00024
43	2	41	42	1	41	906.87244	0.00015
43	2	41	44	3	41	885.07439	0.00064
43	2	41	43	1	43	903.87858	-0.00032
44	2	42	45	3	42	884.98211	0.00043
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44	2	42	44	1	44	903.92674	0.00012
45	2	43	46	3	43	884.89010	-0.00007
45	2	43	44	1	43	907.04220	-0.00002
45	2	43	45	1	45	903.97624	0.00023
46	2	44	46	3	44	889.58321	-0.00032
46	2	44	45	1	44	907.12722	-0.00035

46	2	44	46	1	46	904.02682	-0.00029
47	2	45	46	3	43	894.36806	0.00008
47	2	45	47	3	45	889.59505	-0.00063
47	2	45	46	1	45	907.21358	0.00033
47	2	45	48	3	45	884.70850	-0.00039
48	2	46	47	3	44	894.48214	0.00043
48	2	46	49	3	46	884.61918	0.00003
48	2	46	48	3	46	889.60796	-0.00056
48	2	46	48	1	48	904.13497	0.00042
48	2	46	47	1	46	907.29941	0.00014
49	2	47	48	3	45	894.59648	0.00041
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53	2	51	52	1	51	907.73606	0.00006
53	2	51	53	3	51	889.68383	-0.00001
54	2	52	53	1	52	907.82484	-0.00009
54	2	52	54	3	52	889.70186	0.00060
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55	2	53	54	3	51	895.29544	-0.00063
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59	2	57	59	1	59	904.86057	0.00001
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69	2	67	70	3	67	882.88846	0.00017
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24	3	22	25	2	24	903.81778	0.00042
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31	3	29	32	2	31	903.11881	-0.00002
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40	3	38	41	4	38	881.84943	0.00045
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47	3	45	48	2	47	901.55758	-0.00014
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47	3	45	46	2	45	911.20612	0.00046
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54	3	52	54	2	52	906.13797	0.00048
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63	3	61	64	4	61	879.55318	-0.00035
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71	3	69	71	2	69	905.73817	0.00011
71	3	69	72	4	69	878.75844	-0.00019

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76	3	74	76	2	74	905.56841	-0.00010
76	3	74	77	4	74	878.26180	0.00021
77	3	75	78	4	75	878.16225	0.00016
78	3	76	78	2	76	905.49469	0.00070
78	3	76	79	4	76	878.06244	-0.00012
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8	3	5	9	4	5	885.07977	0.00062
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23	3	20	24	2	22	903.90279	-0.00032
24	3	21	25	2	23	903.80083	0.00054
24	3	21	23	2	21	908.78504	0.00021
25	3	22	24	4	20	888.54284	-0.00012
25	3	22	24	2	22	908.88566	0.00009
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27	3	24	26	2	24	909.08690	0.00040
27	3	24	28	4	24	883.15696	0.00007
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28	3	25	29	4	25	883.05607	-0.00003
28	3	25	29	2	27	903.38732	0.00043
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29	6	0	28	5	23	919.21674	-0.00344	*
29	6	0	28	7	21	878.53380	-0.00311	*
30	6	0	29	7	22	878.63576	-0.00343	*
30	6	0	31	7	24	872.43469	-0.00347	*
31	6	0	30	7	23	878.73800	-0.00350	*
31	6	0	30	5	25	919.42148	-0.00357	*
31	6	0	32	7	25	872.33353	-0.00367	*
32	6	0	31	5	26	919.52398	-0.00354	*
32	6	0	33	7	26	872.23264	-0.00363	*
32	6	0	31	7	24	878.84023	-0.00360	*
33	6	0	32	7	25	878.94300	-0.00318	*
34	6	0	35	7	28	872.03086	-0.00362	*
34	6	0	33	5	28	919.72872	-0.00378	*
35	6	0	34	5	29	919.83149	-0.00354	*
35	6	0	36	5	31	912.61426	-0.00369	*
36	6	0	35	5	30	919.93400	-0.00357	*
36	6	0	37	5	32	912.51418	-0.00306	*
37	6	0	38	5	33	912.41329	-0.00325	*
37	6	0	36	5	31	920.03677	-0.00335	*
37	6	0	38	7	31	871.72873	-0.00328	*
38	6	0	37	5	32	920.13927	-0.00343	*
38	6	0	39	7	32	871.62784	-0.00340	*
38	6	0	39	5	34	912.31240	-0.00347	*
39	6	0	40	7	33	871.52695	-0.00355	*
39	6	0	38	5	33	920.24178	-0.00350	*
39	6	0	40	5	35	912.21151	-0.00371	*
39	6	0	38	7	31	879.55722	-0.00353	*
40	6	0	39	7	32	879.65945	-0.00381	*
40	6	0	41	5	36	912.11035	-0.00424	*
40	6	0	41	7	34	871.42633	-0.00346	*
41	6	0	40	5	35	920.44679	-0.00372	*
41	6	0	42	5	37	912.01027	-0.00370	*
41	6	0	40	7	33	879.76223	-0.00356	*
41	6	0	42	7	35	871.32544	-0.00366	*
42	6	0	41	7	34	879.86500	-0.00334	*
42	6	0	41	5	36	920.54956	-0.00358	*
43	6	0	42	7	35	879.96750	-0.00342	*
43	6	0	44	7	37	871.12393	-0.00389	*
44	6	0	45	7	38	871.02385	-0.00338	*
45	6	0	46	7	39	870.92323	-0.00343	*
46	6	0	47	7	40	870.82261	-0.00352	*
46	6	0	45	5	40	920.96011	-0.00369	*
47	6	0	48	7	41	870.72199	-0.00364	*
47	6	0	46	5	41	921.06288	-0.00362	*
47	6	0	48	5	43	911.40709	-0.00357	*
47	6	0	46	7	39	880.37752	-0.00395	*
48	6	0	47	7	40	880.48083	-0.00333	*
48	6	0	47	5	42	921.16539	-0.00381	*
48	6	0	49	5	44	911.30674	-0.00342	*
48	6	0	49	7	42	870.62110	-0.00405	*
49	6	0	48	5	43	921.26816	-0.00376	*
49	6	0	48	7	41	880.58279	-0.00410	*
49	6	0	50	7	43	870.52102	-0.00369	*

50	6	0	51	7	44	870.42067	-0.00363	*
50	6	0	51	5	46	911.10496	-0.00425	*
50	6	0	49	5	44	921.37093	-0.00371	*
50	6	0	49	7	42	880.68584	-0.00379	*
51	6	0	52	5	47	911.00514	-0.00361	*
51	6	0	50	5	45	921.47371	-0.00366	*
51	6	0	52	7	45	870.32032	-0.00361	*
51	6	0	50	7	43	880.78861	-0.00380	*
52	6	0	51	5	46	921.57648	-0.00363	*
52	6	0	53	5	48	910.90479	-0.00352	*
52	6	0	53	7	46	870.22023	-0.00336	*
52	6	0	51	7	44	880.89165	-0.00355	*
53	6	0	54	5	49	910.80417	-0.00371	*
53	6	0	52	5	47	921.67925	-0.00360	*
53	6	0	52	7	45	880.99442	-0.00361	*
53	6	0	54	7	47	870.11988	-0.00340	*
54	6	0	55	7	48	870.01953	-0.00347	*
54	6	0	55	5	50	910.70328	-0.00418	*
54	6	0	53	5	48	921.78202	-0.00358	*
54	6	0	53	7	46	881.09666	-0.00422	*
55	6	0	54	5	49	921.88480	-0.00355	*
55	6	0	56	5	51	910.60347	-0.00358	*
55	6	0	54	7	47	881.20024	-0.00351	*
55	6	0	56	7	49	869.91918	-0.00358	*
56	6	0	55	5	50	921.98730	-0.00381	*
56	6	0	55	7	48	881.30301	-0.00364	*
56	6	0	57	7	50	869.81883	-0.00372	*
56	6	0	57	5	52	910.50312	-0.00353	*
57	6	0	56	7	49	881.40605	-0.00353	*
57	6	0	58	5	53	910.40250	-0.00376	*
57	6	0	58	7	51	869.71848	-0.00390	*
57	6	0	56	5	51	922.09007	-0.00380	*
58	6	0	57	5	52	922.19285	-0.00379	*
58	6	0	59	5	54	910.30241	-0.00346	*
58	6	0	57	7	50	881.50963	-0.00291	*
59	6	0	60	5	55	910.20179	-0.00371	*
59	6	0	58	7	51	881.61214	-0.00338	*
59	6	0	58	5	53	922.29562	-0.00378	*
60	6	0	59	5	54	922.39866	-0.00351	*
60	6	0	59	7	52	881.71491	-0.00362	*
61	6	0	60	5	55	922.50116	-0.00377	*
62	6	0	61	5	56	922.60394	-0.00376	*
62	6	0	61	7	54	881.92072	-0.00392	*
63	6	0	64	7	57	869.11825	-0.00385	*
63	6	0	62	7	55	882.02430	-0.00344	*
63	6	0	62	5	57	922.70698	-0.00348	*
64	6	0	65	7	58	869.01817	-0.00402	*
65	6	0	66	7	59	868.91889	-0.00342	*
65	6	0	64	5	59	922.91252	-0.00345	*
66	6	0	67	7	60	868.81881	-0.00366	*
66	6	0	65	5	60	923.01476	-0.00396	*
67	6	0	66	5	61	923.11807	-0.00339	*
68	6	0	69	5	64	909.29863	-0.00368	*
68	6	0	67	5	62	923.22030	-0.00389	*
69	6	0	68	5	63	923.32362	-0.00330	*
70	6	0	71	7	64	868.42010	-0.00342	*
70	6	0	69	5	64	923.42585	-0.00379	*
70	6	0	71	5	66	909.09766	-0.00395	*
71	6	0	70	5	65	923.52862	-0.00372	*

71	6	0	72	5	67	908.99758	-0.00368	*
72	6	0	71	5	66	923.63166	-0.00338	*
73	6	0	72	5	67	923.73363	-0.00409	*
73	6	0	74	7	67	868.12119	-0.00355	*
74	6	0	75	7	68	868.02192	-0.00331	*
74	6	0	73	5	68	923.83694	-0.00345	*
75	6	0	76	7	69	867.92130	-0.00447	*
75	6	0	74	5	69	923.93918	-0.00387	*
76	6	0	77	7	70	867.82229	-0.00406	*
77	6	0	76	5	71	924.14445	-0.00386	*
77	6	0	78	7	71	867.72382	-0.00316	*
78	6	0	79	7	72	867.62374	-0.00391	*
78	6	0	77	5	72	924.24723	-0.00368	*
79	6	0	80	7	73	867.52420	-0.00416	*
79	6	0	78	5	73	924.34973	-0.00376	*
80	6	0	79	5	74	924.45250	-0.00355	*
7	7	0	6	6	0	920.21649	-0.01952	*
8	7	0	7	6	1	920.31845	-0.01945	*
8	7	0	9	8	1	871.14304	-0.01918	*
9	7	0	10	8	2	871.04161	-0.01912	*
10	7	0	9	6	3	920.52185	-0.01992	*
10	7	0	11	8	3	870.93991	-0.01935	*
11	7	0	10	6	4	920.62408	-0.01967	*
11	7	0	12	8	4	870.83848	-0.01933	*
12	7	0	11	6	5	920.72605	-0.01970	*
12	7	0	13	8	5	870.73706	-0.01933	*
13	7	0	14	8	6	870.63536	-0.01963	*
14	7	0	15	8	7	870.53393	-0.01967	*
15	7	0	14	6	8	921.03194	-0.01999	*
15	7	0	16	8	8	870.43277	-0.01947	*
16	7	0	15	6	9	921.13391	-0.02013	*
16	7	0	17	8	9	870.33135	-0.01955	*
17	7	0	16	6	10	921.23534	-0.02084	*
17	7	0	18	8	10	870.22992	-0.01967	*
18	7	0	17	6	11	921.33784	-0.02051	*
18	7	0	19	8	11	870.12876	-0.01953	*
19	7	0	20	8	12	870.02653	-0.02049	*
19	7	0	18	6	12	921.43981	-0.02073	*
20	7	0	21	8	13	869.92537	-0.02040	*
20	7	0	19	6	13	921.54204	-0.02072	*
21	7	0	20	6	14	921.64374	-0.02126	*
21	7	0	22	8	14	869.82421	-0.02033	*
22	7	0	21	8	13	874.29724	-0.02105	*
22	7	0	21	6	15	921.74570	-0.02157	*
22	7	0	23	8	15	869.72278	-0.02055	*
23	7	0	24	8	16	869.62162	-0.02053	*
23	7	0	22	8	14	874.39975	-0.02066	*
24	7	0	23	8	15	874.50144	-0.02111	*
24	7	0	23	6	17	921.95017	-0.02172	*
25	7	0	24	6	18	922.05268	-0.02155	*
25	7	0	24	8	16	874.60314	-0.02157	*
26	7	0	27	8	19	869.31761	-0.02113	*
26	7	0	25	6	19	922.15491	-0.02169	*
27	7	0	26	8	18	874.80734	-0.02175	*
27	7	0	28	8	20	869.21645	-0.02120	*
27	7	0	26	6	20	922.25688	-0.02212	*
28	7	0	29	8	21	869.11556	-0.02102	*
29	7	0	30	6	24	916.46501	-0.02126	*
29	7	0	28	6	22	922.46135	-0.02251	*

30	7	0	29	6	23	922.56331	-0.02301	*
31	7	0	32	8	24	868.81155	-0.02197	*
31	7	0	30	6	24	922.66609	-0.02272	*
32	7	0	33	6	27	916.16181	-0.02213	*
32	7	0	31	6	25	922.76778	-0.02354	*
32	7	0	33	8	25	868.71012	-0.02243	*
33	7	0	32	6	26	922.87002	-0.02383	*
33	7	0	34	6	28	916.06092	-0.02230	*
34	7	0	35	8	27	868.50807	-0.02262	*
34	7	0	33	6	27	922.97279	-0.02362	*
34	7	0	35	6	29	915.96057	-0.02195	*
35	7	0	34	6	28	923.07475	-0.02424	*
35	7	0	36	8	28	868.40691	-0.02288	*
35	7	0	36	6	30	915.85941	-0.02244	*
36	7	0	35	6	29	923.17726	-0.02433	*
36	7	0	37	8	29	868.30602	-0.02290	*
36	7	0	37	6	31	915.75744	-0.02377	*
37	7	0	36	8	28	875.82807	-0.02407	*
37	7	0	38	6	32	915.65655	-0.02404	*
37	7	0	36	6	30	923.27949	-0.02471	*
38	7	0	37	6	31	923.38173	-0.02511	*
38	7	0	39	8	31	868.10371	-0.02354	*
38	7	0	39	6	33	915.55701	-0.02298	*
38	7	0	37	8	29	875.92923	-0.02533	*
39	7	0	38	6	32	923.48423	-0.02527	*
39	7	0	40	8	32	868.00255	-0.02391	*
40	7	0	41	8	33	867.90166	-0.02403	*
40	7	0	39	8	31	876.13478	-0.02466	*
40	7	0	41	6	35	915.35550	-0.02338	*
41	7	0	40	8	32	876.23674	-0.02518	*
41	7	0	42	6	36	915.25434	-0.02402	*
41	7	0	42	8	34	867.80077	-0.02418	*
42	7	0	43	8	35	867.69988	-0.02436	*
42	7	0	41	8	33	876.33898	-0.02543	*
42	7	0	43	6	37	915.15372	-0.02415	*
43	7	0	42	8	34	876.44121	-0.02572	*
43	7	0	44	6	38	915.05256	-0.02484	*
43	7	0	44	8	36	867.59872	-0.02483	*
44	7	0	45	6	39	914.95194	-0.02501	*
44	7	0	43	8	35	876.54345	-0.02601	*
44	7	0	45	8	37	867.49783	-0.02506	*
45	7	0	46	8	38	867.39667	-0.02558	*
45	7	0	46	6	40	914.85105	-0.02548	*
46	7	0	47	6	41	914.75070	-0.02543	*
46	7	0	47	8	39	867.29551	-0.02614	*
47	7	0	48	8	40	867.19436	-0.02671	*
47	7	0	48	6	42	914.64873	-0.02702	*
47	7	0	46	8	38	876.84988	-0.02731	*
48	7	0	49	6	43	914.54946	-0.02593	*
48	7	0	49	8	41	867.09320	-0.02732	*
48	7	0	47	8	39	876.95212	-0.02769	*
49	7	0	50	6	44	914.44857	-0.02649	*
49	7	0	48	8	40	877.05408	-0.02837	*
49	7	0	50	8	42	866.99365	-0.02635	*
50	7	0	51	8	43	866.89276	-0.02675	*
50	7	0	49	8	41	877.15713	-0.02798	*
51	7	0	50	6	44	924.71428	-0.02857	*
51	7	0	52	8	44	866.79187	-0.02717	*
51	7	0	52	6	46	914.24733	-0.02713	*

51	7	0	50	8	42	877.25936	-0.02843	*
52	7	0	51	6	45	924.81624	-0.02950	*
52	7	0	53	8	45	866.68991	-0.02870	*
52	7	0	51	8	43	877.36186	-0.02864	*
52	7	0	53	6	47	914.14725	-0.02694	*
53	7	0	54	6	48	914.04609	-0.02785	*
53	7	0	52	6	46	924.91928	-0.02935	*
53	7	0	54	8	46	866.59036	-0.02784	*
54	7	0	55	8	47	866.48974	-0.02809	*
54	7	0	53	6	47	925.02179	-0.02976	*
54	7	0	55	6	49	913.94520	-0.02851	*
55	7	0	56	8	48	866.38912	-0.02836	*
55	7	0	54	8	46	877.66911	-0.02962	*
55	7	0	54	6	48	925.12348	-0.03099	*
56	7	0	55	8	47	877.77107	-0.03045	*
56	7	0	57	6	51	913.74503	-0.02829	*
56	7	0	57	8	49	866.28823	-0.02894	*
56	7	0	55	6	49	925.22653	-0.03088	*
57	7	0	58	8	50	866.18761	-0.02928	*
57	7	0	56	6	50	925.32957	-0.03079	*
57	7	0	56	8	48	877.87331	-0.03102	*
58	7	0	59	8	51	866.08726	-0.02937	*
58	7	0	59	6	53	913.54460	-0.02840	*
58	7	0	57	6	51	925.43207	-0.03125	*
59	7	0	58	6	52	925.53457	-0.03172	*
59	7	0	60	8	52	865.98664	-0.02977	*
60	7	0	59	8	51	878.18082	-0.03208	*
60	7	0	59	6	53	925.63708	-0.03219	*
61	7	0	60	6	54	925.73931	-0.03295	*
61	7	0	60	8	52	878.28305	-0.03275	*
8	8	0	9	9	0	867.65226	0.00842	*
9	8	0	8	7	1	923.68951	0.00797	*
9	8	0	10	9	1	867.55110	0.00876	*
10	8	0	11	9	2	867.44940	0.00854	*
10	8	0	9	7	2	923.79174	0.00824	*
11	8	0	12	9	3	867.34825	0.00885	*
11	8	0	10	7	3	923.89398	0.00849	*
12	8	0	11	7	4	923.99621	0.00871	*
12	8	0	13	9	4	867.24655	0.00859	*
13	8	0	14	9	5	867.14539	0.00885	*
13	8	0	12	7	5	924.09845	0.00891	*
14	8	0	13	7	6	924.20041	0.00879	*
14	8	0	15	9	6	867.04369	0.00855	*
15	8	0	14	7	7	924.30265	0.00894	*
15	8	0	16	9	7	866.94254	0.00878	*
16	8	0	17	9	8	866.84111	0.00870	*
16	8	0	15	7	8	924.40488	0.00904	*
17	8	0	18	9	9	866.73995	0.00888	*
17	8	0	16	7	9	924.50712	0.00912	*
18	8	0	17	7	10	924.60908	0.00890	*
18	8	0	19	9	10	866.63825	0.00849	*
19	8	0	18	7	11	924.71132	0.00893	*
19	8	0	20	9	11	866.53709	0.00863	*
19	8	0	18	9	9	870.50245	0.00876	*
20	8	0	19	9	10	870.60442	0.00867	*
20	8	0	19	7	12	924.81328	0.00866	*
20	8	0	21	9	12	866.43594	0.00875	*
21	8	0	22	9	13	866.33424	0.00830	*
21	8	0	20	9	11	870.70639	0.00857	*

21	8	0	20	7	13	924.91552	0.00863	*
22	8	0	21	9	12	870.80889	0.00899	*
22	8	0	23	9	14	866.23308	0.00837	*
22	8	0	21	7	14	925.01775	0.00857	*
23	8	0	22	7	15	925.12026	0.00877	*
23	8	0	22	9	13	870.91059	0.00858	*
23	8	0	24	9	15	866.13219	0.00868	*
24	8	0	23	9	14	871.01282	0.00869	*
24	8	0	23	7	16	925.22276	0.00893	*
24	8	0	25	9	16	866.03076	0.00844	*
25	8	0	24	9	15	871.11559	0.00931	*
25	8	0	26	9	17	865.92961	0.00845	*
26	8	0	27	9	18	865.82845	0.00843	*
26	8	0	25	7	18	925.42750	0.00890	*
27	8	0	26	7	19	925.53000	0.00898	*
27	8	0	28	9	19	865.72756	0.00866	*
28	8	0	29	9	20	865.62640	0.00860	*
28	8	0	29	7	22	919.83741	0.00843	*
28	8	0	27	7	20	925.63224	0.00878	*
29	8	0	28	7	21	925.73474	0.00880	*
29	8	0	30	9	21	865.52524	0.00851	*
29	8	0	30	7	23	919.73679	0.00862	*
30	8	0	29	7	22	925.83724	0.00881	*
30	8	0	31	9	22	865.42408	0.00840	*
31	8	0	32	9	23	865.32346	0.00881	*
31	8	0	30	7	23	925.93948	0.00853	*
31	8	0	32	7	25	919.53528	0.00863	*
32	8	0	33	9	24	865.22203	0.00838	*
32	8	0	33	7	26	919.43466	0.00872	*
33	8	0	34	9	25	865.12141	0.00874	*
33	8	0	32	7	25	926.14475	0.00868	*
34	8	0	33	7	26	926.24753	0.00887	*
34	8	0	33	9	24	872.03517	0.00880	*
34	8	0	35	7	28	919.23315	0.00856	*
35	8	0	36	7	29	919.13226	0.00830	*
35	8	0	36	9	27	864.91937	0.00860	*
35	8	0	34	7	27	926.34976	0.00848	*
36	8	0	37	7	30	919.03164	0.00828	*
36	8	0	35	9	26	872.23964	0.00860	*
36	8	0	35	7	28	926.45227	0.00835	*
36	8	0	37	9	28	864.81848	0.00862	*
37	8	0	36	7	29	926.55531	0.00873	*
37	8	0	36	9	27	872.34214	0.00875	*
37	8	0	38	9	29	864.71759	0.00861	*
38	8	0	39	9	30	864.61616	0.00804	*
38	8	0	39	7	32	918.83094	0.00870	*
38	8	0	37	9	28	872.44411	0.00834	*
38	8	0	37	7	30	926.65808	0.00881	*
39	8	0	38	7	31	926.76112	0.00914	*
39	8	0	38	9	29	872.54661	0.00844	*
39	8	0	40	9	31	864.51608	0.00880	*
39	8	0	40	7	33	918.73032	0.00859	*
40	8	0	41	9	32	864.41492	0.00846	*
40	8	0	39	7	32	926.86336	0.00865	*
40	8	0	39	9	30	872.64911	0.00853	*
41	8	0	40	9	31	872.75135	0.00834	*
41	8	0	42	7	35	918.52935	0.00857	*
42	8	0	43	7	36	918.42900	0.00865	*
42	8	0	41	9	32	872.85412	0.00866	*

42	8	0	41	7	34	927.06917	0.00893	*
42	8	0	43	9	34	864.21368	0.00877	*
43	8	0	44	9	35	864.11306	0.00889	*
43	8	0	42	9	33	872.95582	0.00789	*
43	8	0	44	7	37	918.32864	0.00870	*
43	8	0	42	7	35	927.17194	0.00890	*
44	8	0	45	7	38	918.22829	0.00873	*
44	8	0	45	9	36	864.01244	0.00898	*
44	8	0	43	7	36	927.27472	0.00886	*
44	8	0	43	9	34	873.05913	0.00871	*
45	8	0	44	9	35	873.16163	0.00870	*
45	8	0	44	7	37	927.37722	0.00853	*
45	8	0	46	7	39	918.12794	0.00873	*
45	8	0	46	9	37	863.91155	0.00878	*
46	8	0	47	7	40	918.02759	0.00870	*
46	8	0	47	9	38	863.81093	0.00882	*
46	8	0	45	7	38	927.48026	0.00871	*
46	8	0	45	9	36	873.26414	0.00869	*
47	8	0	48	9	39	863.71004	0.00857	*
47	8	0	48	7	41	917.92724	0.00865	*
47	8	0	46	7	39	927.58330	0.00887	*
48	8	0	47	7	40	927.68635	0.00902	*
48	8	0	47	9	38	873.46941	0.00886	*
48	8	0	49	9	40	863.60915	0.00829	*
48	8	0	49	7	42	917.82716	0.00884	*
49	8	0	48	9	39	873.57111	0.00798	*
49	8	0	50	7	43	917.72707	0.00899	*
50	8	0	51	7	44	917.62672	0.00886	*
50	8	0	49	9	40	873.67442	0.00869	*
50	8	0	49	7	42	927.89189	0.00870	*
51	8	0	52	9	43	863.30809	0.00890	*
51	8	0	52	7	45	917.52664	0.00897	*
51	8	0	50	9	41	873.77719	0.00885	*
51	8	0	50	7	43	927.99493	0.00878	*
52	8	0	51	9	42	873.87997	0.00899	*
52	8	0	51	7	44	928.09797	0.00885	*
52	8	0	53	7	46	917.42629	0.00878	*
53	8	0	52	7	45	928.20075	0.00863	*
53	8	0	54	9	45	863.10685	0.00865	*
53	8	0	52	9	43	873.98274	0.00911	*
53	8	0	54	7	47	917.32540	0.00803	*
54	8	0	53	9	44	874.08497	0.00867	*
54	8	0	55	7	48	917.22585	0.00860	*
54	8	0	55	9	46	863.00650	0.00875	*
54	8	0	53	7	46	928.30379	0.00866	*
55	8	0	56	7	49	917.12604	0.00888	*
55	8	0	56	9	47	862.90588	0.00855	*
55	8	0	54	7	47	928.40683	0.00867	*
55	8	0	54	9	45	874.18828	0.00928	*
56	8	0	57	7	50	917.02596	0.00886	*
56	8	0	57	9	48	862.80553	0.00859	*
56	8	0	55	7	48	928.51014	0.00894	*
56	8	0	55	9	46	874.29079	0.00908	*
57	8	0	56	9	47	874.39329	0.00886	*
57	8	0	58	9	49	862.70545	0.00888	*
57	8	0	56	7	49	928.61318	0.00891	*
58	8	0	57	9	48	874.49526	0.00808	*
58	8	0	59	9	50	862.60456	0.00833	*
58	8	0	57	7	50	928.71623	0.00888	*

59	8	0	58	7	51	928.81873	0.00829	*
59	8	0	58	9	49	874.59857	0.00862	*
59	8	0	60	9	51	862.50421	0.00829	*
59	8	0	60	7	53	916.72544	0.00838	*
60	8	0	61	7	54	916.62590	0.00881	*
60	8	0	59	7	52	928.92177	0.00822	*
60	8	0	61	9	52	862.40439	0.00875	*
61	8	0	62	9	53	862.30404	0.00865	*
61	8	0	60	9	51	874.80465	0.00911	*
61	8	0	62	7	55	916.52609	0.00894	*
62	8	0	63	9	54	862.20369	0.00853	*
62	8	0	61	7	54	929.12839	0.00858	*
63	8	0	64	9	55	862.10361	0.00864	*
64	8	0	65	9	56	862.00352	0.00872	*
64	8	0	63	7	56	929.33475	0.00861	*
65	8	0	66	9	57	861.90290	0.00823	*
65	8	0	64	7	57	929.43779	0.00847	*
66	8	0	65	7	58	929.54083	0.00832	*
66	8	0	67	9	58	861.80309	0.00853	*
67	8	0	66	7	59	929.64441	0.00869	*
68	8	0	69	9	60	861.60293	0.00849	*
68	8	0	67	7	60	929.74745	0.00851	*
69	8	0	68	7	61	929.85076	0.00859	*
70	8	0	69	7	62	929.95407	0.00866	*
70	8	0	71	9	62	861.40249	0.00804	*
71	8	0	72	9	63	861.30322	0.00872	*
71	8	0	70	7	63	930.05738	0.00872	*
72	8	0	71	7	64	930.16069	0.00877	*
72	8	0	73	9	64	861.20313	0.00855	*
73	8	0	72	7	65	930.26347	0.00828	*
73	8	0	74	9	65	861.10332	0.00863	*
74	8	0	73	7	66	930.36732	0.00885	*
74	8	0	75	9	66	861.00351	0.00867	*
75	8	0	74	7	67	930.47036	0.00860	*
75	8	0	76	9	67	860.90343	0.00842	*
76	8	0	77	9	68	860.80388	0.00866	*
76	8	0	75	7	68	930.57340	0.00834	*
77	8	0	76	7	69	930.67698	0.00861	*
78	8	0	77	7	70	930.78029	0.00861	*
78	8	0	79	9	70	860.60425	0.00851	*
79	8	0	80	9	71	860.50417	0.00812	*
9	9	0	8	8	0	926.90667	0.00546	*
9	9	0	10	10	0	864.01486	0.00574	*
10	9	0	9	8	1	927.00891	0.00573	*
11	9	0	10	8	2	927.11060	0.00542	*
12	9	0	11	8	3	927.21257	0.00537	*
13	9	0	12	8	4	927.31427	0.00501	*
14	9	0	13	8	5	927.41677	0.00543	*
15	9	0	14	8	6	927.51873	0.00528	*
16	9	0	17	10	7	863.30486	0.00578	*
16	9	0	15	8	7	927.62124	0.00565	*
17	9	0	16	8	8	927.72320	0.00544	*
17	9	0	18	10	8	863.20344	0.00571	*
18	9	0	17	8	9	927.82544	0.00548	*
18	9	0	19	10	9	863.10174	0.00534	*
19	9	0	18	8	10	927.92767	0.00548	*
19	9	0	20	10	10	863.00058	0.00550	*
20	9	0	19	8	11	928.03018	0.00574	*
20	9	0	21	10	11	862.89915	0.00536	*

21	9	0	22	10	12	862.79773	0.00521	*
21	9	0	20	10	10	867.17041	0.00577	*
21	9	0	20	8	12	928.13241	0.00569	*
22	9	0	21	8	13	928.23438	0.00535	*
22	9	0	23	10	13	862.69657	0.00531	*
23	9	0	22	10	12	867.37488	0.00607	*
23	9	0	24	10	14	862.59541	0.00538	*
23	9	0	24	8	16	923.55849	0.00539	*
23	9	0	22	8	14	928.33661	0.00524	*
24	9	0	23	8	15	928.43912	0.00539	*
24	9	0	25	10	15	862.49425	0.00543	*
24	9	0	25	8	17	923.45787	0.00570	*
25	9	0	24	8	16	928.54162	0.00550	*
25	9	0	26	8	18	923.35698	0.00572	*
25	9	0	26	10	16	862.39309	0.00545	*
25	9	0	24	10	14	867.57827	0.00522	*
26	9	0	25	8	17	928.64412	0.00558	*
26	9	0	25	10	15	867.68132	0.00613	*
26	9	0	27	10	17	862.29193	0.00546	*
26	9	0	27	8	19	923.25636	0.00597	*
27	9	0	28	10	18	862.19078	0.00546	*
27	9	0	26	10	16	867.78328	0.00593	*
27	9	0	28	8	20	923.15520	0.00566	*
27	9	0	26	8	18	928.74636	0.00538	*
28	9	0	29	10	19	862.08989	0.00569	*
28	9	0	27	10	17	867.88498	0.00545	*
28	9	0	29	8	21	923.05431	0.00558	*
28	9	0	27	8	19	928.84886	0.00541	*
29	9	0	30	10	20	861.98846	0.00537	*
29	9	0	30	8	22	922.95342	0.00548	*
29	9	0	28	8	20	928.95137	0.00542	*
29	9	0	28	10	18	867.98694	0.00521	*
30	9	0	29	8	21	929.05387	0.00540	*
30	9	0	31	10	21	861.88757	0.00556	*
30	9	0	29	10	19	868.08918	0.00524	*
31	9	0	32	10	22	861.78641	0.00546	*
31	9	0	32	8	24	922.75245	0.00598	*
31	9	0	30	8	22	929.15664	0.00562	*
32	9	0	33	8	25	922.65183	0.00605	*
32	9	0	31	10	21	868.29338	0.00496	*
32	9	0	33	10	23	861.68471	0.00479	*
33	9	0	32	8	24	929.36165	0.00546	*
33	9	0	32	10	22	868.39642	0.00574	*
33	9	0	34	10	24	861.58436	0.00546	*
34	9	0	33	8	25	929.46415	0.00533	*
34	9	0	35	8	27	922.45005	0.00556	*
34	9	0	33	10	23	868.49919	0.00623	*
35	9	0	36	8	28	922.34970	0.00581	*
35	9	0	34	8	26	929.56693	0.00546	*
35	9	0	36	10	26	861.38258	0.00564	*
36	9	0	35	8	27	929.66970	0.00556	*
36	9	0	35	10	25	868.70339	0.00582	*
36	9	0	37	10	27	861.28142	0.00543	*
36	9	0	37	8	29	922.24854	0.00522	*
37	9	0	38	8	30	922.14819	0.00541	*
37	9	0	36	8	28	929.77247	0.00563	*
38	9	0	37	10	27	868.90759	0.00534	*
38	9	0	39	10	29	861.07938	0.00521	*
38	9	0	37	8	29	929.87498	0.00541	*

38	9	0	39	8	31	922.04783	0.00556	*
39	9	0	40	8	32	921.94748	0.00569	*
39	9	0	40	10	30	860.97849	0.00520	*
40	9	0	41	10	31	860.87787	0.00544	*
40	9	0	39	8	31	930.08079	0.00570	*
42	9	0	43	10	33	860.67636	0.00557	*
43	9	0	42	8	34	930.38884	0.00529	*
43	9	0	44	8	36	921.54527	0.00510	*
43	9	0	44	10	34	860.57574	0.00573	*
44	9	0	45	10	35	860.47458	0.00533	*
44	9	0	45	8	37	921.44519	0.00535	*
44	9	0	43	8	35	930.49188	0.00546	*
45	9	0	46	8	38	921.34511	0.00557	*
45	9	0	44	8	36	930.59492	0.00561	*
45	9	0	46	10	36	860.37423	0.00572	*
46	9	0	45	8	37	930.69770	0.00548	*
46	9	0	45	10	35	869.72735	0.00573	*
46	9	0	47	8	39	921.24529	0.00602	*
46	9	0	47	10	37	860.27307	0.00527	*
47	9	0	46	8	38	930.80074	0.00559	*
47	9	0	48	8	40	921.14467	0.00564	*
47	9	0	48	10	38	860.17245	0.00534	*
48	9	0	49	10	39	860.07183	0.00539	*
48	9	0	47	8	39	930.90351	0.00540	*
48	9	0	47	10	37	869.93209	0.00546	*
49	9	0	50	10	40	859.97094	0.00514	*
49	9	0	48	10	38	870.03433	0.00517	*
49	9	0	48	8	40	931.00682	0.00573	*
50	9	0	49	8	41	931.10959	0.00550	*
50	9	0	51	10	41	859.87032	0.00513	*
50	9	0	49	10	39	870.13791	0.00620	*
51	9	0	50	8	42	931.21264	0.00553	*
51	9	0	52	8	44	920.74434	0.00598	*
51	9	0	52	10	42	859.76997	0.00537	*
52	9	0	51	8	43	931.31568	0.00553	*
52	9	0	51	10	41	870.34265	0.00579	*
52	9	0	53	8	45	920.64345	0.00518	*
52	9	0	53	10	43	859.66961	0.00558	*
53	9	0	52	10	42	870.44542	0.00597	*
53	9	0	52	8	44	931.41899	0.00577	*
53	9	0	54	10	44	859.56873	0.00523	*
54	9	0	55	10	45	859.46864	0.00566	*
54	9	0	53	8	45	931.52176	0.00546	*
54	9	0	53	10	43	870.54792	0.00585	*
55	9	0	56	10	46	859.36802	0.00553	*
55	9	0	54	8	46	931.62480	0.00540	*
56	9	0	57	10	47	859.26740	0.00537	*
56	9	0	55	8	47	931.72811	0.00558	*
57	9	0	58	8	50	920.14358	0.00536	*
57	9	0	58	10	48	859.16732	0.00572	*
57	9	0	56	8	48	931.83089	0.00522	*
58	9	0	59	10	49	859.06643	0.00524	*
58	9	0	57	8	49	931.93393	0.00510	*
58	9	0	57	10	47	870.95794	0.00525	*
58	9	0	59	8	51	920.04377	0.00547	*
59	9	0	60	10	50	858.96635	0.00555	*
59	9	0	58	8	50	932.03724	0.00523	*
59	9	0	58	10	48	871.06098	0.00559	*
60	9	0	61	10	51	858.86573	0.00528	*

60	9	0	61	8	53	919.84414	0.00561	*
60	9	0	59	10	49	871.16348	0.00538	*
61	9	0	60	10	50	871.26652	0.00569	*
61	9	0	62	8	54	919.74406	0.00537	*
61	9	0	62	10	52	858.76564	0.00552	*
61	9	0	60	8	52	932.24413	0.00570	*
62	9	0	61	8	53	932.34744	0.00577	*
64	9	0	63	8	55	932.55379	0.00560	*
64	9	0	65	10	55	858.46513	0.00584	*
65	9	0	64	8	56	932.65737	0.00589	*
65	9	0	66	10	56	858.36451	0.00544	*
66	9	0	67	10	57	858.26443	0.00555	*
66	9	0	65	8	57	932.76095	0.00616	*
67	9	0	66	8	58	932.86399	0.00588	*
67	9	0	68	10	58	858.16407	0.00536	*
70	9	0	71	10	61	857.86383	0.00545	*
71	9	0	72	10	62	857.76321	0.00488	*
72	9	0	73	10	63	857.66393	0.00562	*
74	9	0	75	10	65	857.46457	0.00622	*
75	9	0	76	10	66	857.36368	0.00526	*
76	9	0	77	10	67	857.26414	0.00563	*
77	9	0	78	10	68	857.16379	0.00515	*
77	9	0	76	8	68	933.89764	0.00549	*
78	9	0	79	10	69	857.06451	0.00571	*
78	9	0	77	8	69	934.00122	0.00559	*
79	9	0	78	8	70	934.10453	0.00540	*
79	9	0	80	10	70	856.96443	0.00545	*
80	9	0	79	8	71	934.20757	0.00494	*
10	10	0	11	11	0	860.36373	0.00385	*
10	10	0	9	9	0	930.20401	0.00377	*
11	10	0	12	11	1	860.26258	0.00419	*
11	10	0	10	9	1	930.30597	0.00373	*
12	10	0	11	9	2	930.40794	0.00366	*
12	10	0	13	11	2	860.16088	0.00396	*
13	10	0	14	11	3	860.05891	0.00344	*
13	10	0	12	9	3	930.51018	0.00383	*
14	10	0	13	9	4	930.61214	0.00369	*
14	10	0	15	11	4	859.95775	0.00371	*
15	10	0	16	11	5	859.85633	0.00370	*
15	10	0	14	9	5	930.71464	0.00406	*
16	10	0	17	11	6	859.75517	0.00394	*
16	10	0	15	9	6	930.81661	0.00388	*
17	10	0	16	9	7	930.91858	0.00367	*
17	10	0	18	11	7	859.65320	0.00334	*
18	10	0	17	9	8	931.02108	0.00395	*
18	10	0	19	11	8	859.55204	0.00353	*
19	10	0	18	9	9	931.12305	0.00368	*
19	10	0	20	11	9	859.45116	0.00399	*
20	10	0	21	11	10	859.34946	0.00360	*
20	10	0	19	9	10	931.22555	0.00391	*
21	10	0	20	9	11	931.32778	0.00384	*
21	10	0	22	11	11	859.24857	0.00401	*
22	10	0	21	9	12	931.43002	0.00375	*
22	10	0	23	11	12	859.14741	0.00412	*
23	10	0	22	9	13	931.53252	0.00390	*
23	10	0	24	11	13	859.04571	0.00368	*
24	10	0	23	9	14	931.63476	0.00376	*
24	10	0	25	11	14	858.94456	0.00376	*
25	10	0	24	9	15	931.73726	0.00384	*

25	10	0	26	11	15	858.84340	0.00382	*
26	10	0	27	11	16	858.74251	0.00412	*
26	10	0	25	11	14	864.13162	0.00416	*
26	10	0	25	9	16	931.83976	0.00391	*
27	10	0	26	11	15	864.23359	0.00399	*
27	10	0	26	9	17	931.94227	0.00395	*
27	10	0	28	11	17	858.64108	0.00387	*
28	10	0	27	9	18	932.04477	0.00396	*
28	10	0	29	11	18	858.53992	0.00386	*
29	10	0	30	11	19	858.43903	0.00410	*
29	10	0	28	9	19	932.14754	0.00421	*
29	10	0	28	11	17	864.43725	0.00331	*
30	10	0	29	9	20	932.24978	0.00390	*
30	10	0	31	11	20	858.33760	0.00378	*
30	10	0	29	11	18	864.54002	0.00388	*
31	10	0	30	9	21	932.35228	0.00382	*
31	10	0	30	11	19	864.64252	0.00417	*
31	10	0	32	11	21	858.23645	0.00372	*
32	10	0	33	11	22	858.13583	0.00417	*
33	10	0	32	11	21	864.84672	0.00391	*
33	10	0	34	11	23	858.03413	0.00352	*
33	10	0	32	9	23	932.55756	0.00387	*
34	10	0	33	11	22	864.94896	0.00389	*
34	10	0	33	9	24	932.66033	0.00399	*
35	10	0	36	11	25	857.83262	0.00404	*
35	10	0	36	9	27	925.54480	0.00370	*
36	10	0	37	9	28	925.44445	0.00389	*
36	10	0	37	11	26	857.73146	0.00387	*
37	10	0	38	9	29	925.34329	0.00325	*
37	10	0	36	11	25	865.25593	0.00399	*
37	10	0	38	11	27	857.63030	0.00367	*
38	10	0	39	9	30	925.24321	0.00365	*
38	10	0	37	11	26	865.35844	0.00418	*
38	10	0	39	11	28	857.52995	0.00426	*
39	10	0	40	11	29	857.42879	0.00402	*
39	10	0	40	9	31	925.14285	0.00374	*
40	10	0	41	9	32	925.04277	0.00408	*
40	10	0	41	11	30	857.32790	0.00402	*
41	10	0	40	11	29	865.66541	0.00410	*
41	10	0	42	9	33	924.94269	0.00439	*
41	10	0	42	11	31	857.22647	0.00346	*
42	10	0	43	11	32	857.12612	0.00397	*
42	10	0	41	11	30	865.76791	0.00422	*
42	10	0	43	9	34	924.84153	0.00358	*
43	10	0	42	11	31	865.87015	0.00406	*
43	10	0	44	11	33	857.02523	0.00390	*
44	10	0	43	9	34	933.68833	0.00404	*
44	10	0	45	9	36	924.64137	0.00404	*
44	10	0	45	11	34	856.92381	0.00329	*
45	10	0	46	11	35	856.82372	0.00398	*
45	10	0	44	9	35	933.79110	0.00388	*
46	10	0	45	9	36	933.89414	0.00396	*
46	10	0	47	11	36	856.72257	0.00359	*
46	10	0	47	9	38	924.44066	0.00382	*
47	10	0	46	9	37	933.99692	0.00376	*
47	10	0	48	9	39	924.34004	0.00340	*
47	10	0	48	11	37	856.62221	0.00397	*
48	10	0	49	11	38	856.52159	0.00406	*
48	10	0	47	9	38	934.09996	0.00380	*

48	10	0	49	9	40	924.24023	0.00376	*
49	10	0	48	9	39	934.20327	0.00408	*
49	10	0	50	11	39	856.42070	0.00387	*
49	10	0	50	9	41	924.14042	0.00409	*
50	10	0	51	9	42	924.04007	0.00384	*
50	10	0	49	9	40	934.30631	0.00407	*
51	10	0	50	9	41	934.40881	0.00350	*
51	10	0	52	11	41	856.21946	0.00394	*
52	10	0	53	9	44	923.83990	0.00379	*
52	10	0	51	9	42	934.51212	0.00371	*
52	10	0	53	11	42	856.11884	0.00393	*
53	10	0	52	9	43	934.61517	0.00364	*
53	10	0	54	11	43	856.01849	0.00418	*
53	10	0	54	9	45	923.74009	0.00399	*
54	10	0	55	11	44	855.91787	0.00413	*
54	10	0	55	9	46	923.63947	0.00335	*
54	10	0	53	9	44	934.71848	0.00381	*
55	10	0	54	9	45	934.82179	0.00396	*
55	10	0	56	11	45	855.81698	0.00379	*
55	10	0	56	9	47	923.53992	0.00375	*
56	10	0	57	11	46	855.71690	0.00423	*
56	10	0	55	9	46	934.92510	0.00409	*
57	10	0	56	9	47	935.02814	0.00392	*
57	10	0	58	11	47	855.61628	0.00411	*
58	10	0	59	11	48	855.51539	0.00369	*
58	10	0	57	9	48	935.13145	0.00400	*
58	10	0	59	9	50	923.24048	0.00398	*
59	10	0	60	11	49	855.41504	0.00379	*
59	10	0	58	9	49	935.23449	0.00379	*
60	10	0	59	9	50	935.33807	0.00410	*
60	10	0	61	9	52	923.04005	0.00318	*
60	10	0	61	11	50	855.31496	0.00413	*
61	10	0	62	9	53	922.94077	0.00367	*
61	10	0	60	9	51	935.44112	0.00386	*
61	10	0	62	11	51	855.21380	0.00337	*
62	10	0	63	11	52	855.11318	0.00313	*
63	10	0	64	11	53	855.01309	0.00338	*
64	10	0	63	9	54	935.75078	0.00353	*
64	10	0	65	11	54	854.91328	0.00389	*
65	10	0	66	11	55	854.81266	0.00357	*
65	10	0	64	9	55	935.85463	0.00401	*
66	10	0	67	11	56	854.71204	0.00322	*
67	10	0	66	9	57	936.06125	0.00383	*
68	10	0	69	11	58	854.51214	0.00378	*
68	10	0	67	9	58	936.16456	0.00372	*
69	10	0	70	11	59	854.41206	0.00389	*
69	10	0	68	9	59	936.26841	0.00412	*
70	10	0	71	11	60	854.31198	0.00398	*
70	10	0	69	9	60	936.37172	0.00397	*
71	10	0	70	9	61	936.47476	0.00352	*
71	10	0	72	11	61	854.21190	0.00403	*
72	10	0	71	9	62	936.57861	0.00387	*
72	10	0	73	11	62	854.11128	0.00352	*
73	10	0	72	9	63	936.68192	0.00367	*
74	10	0	73	9	64	936.78523	0.00344	*
74	10	0	75	11	64	853.91111	0.00349	*
75	10	0	76	11	65	853.81076	0.00317	*
75	10	0	74	9	65	936.88854	0.00320	*
76	10	0	77	11	66	853.71149	0.00390	*

76	10	0	75	9	66	936.99266	0.00375	*
77	10	0	76	9	67	937.09651	0.00402	*
77	10	0	78	11	67	853.61140	0.00378	*
78	10	0	79	11	68	853.51078	0.00311	*
78	10	0	77	9	68	937.19928	0.00319	*
79	10	0	80	11	69	853.41178	0.00402	*
11	11	0	10	10	0	933.47848	0.00245	*
11	11	0	12	12	0	856.69889	0.00258	*
12	11	0	13	12	1	856.59746	0.00263	*
12	11	0	11	10	1	933.58098	0.00290	*
13	11	0	14	12	2	856.49603	0.00267	*
14	11	0	15	12	3	856.39461	0.00270	*
15	11	0	16	12	4	856.29318	0.00270	*
16	11	0	15	10	5	933.98858	0.00200	*
16	11	0	17	12	5	856.19148	0.00241	*
17	11	0	16	10	6	934.09108	0.00230	*
17	11	0	18	12	6	856.09032	0.00265	*
18	11	0	17	10	7	934.19358	0.00257	*
18	11	0	19	12	7	855.98890	0.00260	*
19	11	0	20	12	8	855.88747	0.00253	*
19	11	0	18	10	8	934.29582	0.00255	*
20	11	0	19	10	9	934.39805	0.00249	*
20	11	0	21	12	9	855.78631	0.00271	*
21	11	0	22	12	10	855.68461	0.00233	*
21	11	0	20	10	10	934.50029	0.00241	*
22	11	0	21	10	11	934.60252	0.00230	*
22	11	0	23	12	11	855.58346	0.00247	*
23	11	0	24	12	12	855.48230	0.00259	*
23	11	0	22	10	12	934.70529	0.00269	*
24	11	0	25	12	13	855.38114	0.00270	*
24	11	0	23	10	13	934.80726	0.00226	*
25	11	0	24	10	14	934.91003	0.00260	*
25	11	0	26	12	14	855.27971	0.00251	*
26	11	0	25	10	15	935.01254	0.00265	*
26	11	0	27	12	15	855.17855	0.00257	*
27	11	0	28	12	16	855.07713	0.00235	*
27	11	0	26	10	16	935.11504	0.00266	*
28	11	0	29	12	17	854.97624	0.00264	*
28	11	0	27	10	17	935.21701	0.00212	*
29	11	0	30	12	18	854.87535	0.00291	*
29	11	0	28	10	18	935.32005	0.00261	*
30	11	0	31	12	19	854.77392	0.00263	*
30	11	0	29	10	19	935.42255	0.00254	*
31	11	0	32	12	20	854.67249	0.00232	*
32	11	0	33	12	21	854.57160	0.00253	*
32	11	0	31	10	21	935.62810	0.00286	*
33	11	0	34	12	22	854.47071	0.00272	*
33	11	0	32	10	22	935.73060	0.00271	*
34	11	0	33	10	23	935.83310	0.00253	*
35	11	0	36	12	24	854.26840	0.00251	*
35	11	0	34	10	24	935.93561	0.00233	*
36	11	0	37	12	25	854.16724	0.00237	*
36	11	0	35	10	25	936.03865	0.00264	*
37	11	0	36	10	26	936.14142	0.00264	*
37	11	0	38	12	26	854.06635	0.00248	*
38	11	0	39	12	27	853.96573	0.00284	*
38	11	0	37	10	27	936.24420	0.00263	*
39	11	0	38	10	28	936.34697	0.00259	*
39	11	0	40	12	28	853.86403	0.00210	*

40	11	0	41	12	29	853.76368	0.00268	*
40	11	0	39	10	29	936.44974	0.00252	*
41	11	0	40	10	30	936.55278	0.00269	*
41	11	0	42	12	30	853.66279	0.00271	*
42	11	0	41	10	31	936.65582	0.00284	*
42	11	0	43	12	31	853.56136	0.00217	*
43	11	0	44	12	32	853.46101	0.00269	*
43	11	0	42	10	32	936.75806	0.00216	*
44	11	0	43	10	33	936.86137	0.00252	*
44	11	0	45	12	33	853.36012	0.00265	*
45	11	0	44	10	34	936.96441	0.00259	*
45	11	0	46	12	34	853.25896	0.00232	*
46	11	0	47	12	35	853.15807	0.00224	*
46	11	0	45	10	35	937.06718	0.00237	*
47	11	0	46	10	36	937.17023	0.00240	*
47	11	0	48	12	36	853.05799	0.00294	*
48	11	0	49	12	37	852.95629	0.00200	*
48	11	0	47	10	37	937.27354	0.00266	*
49	11	0	50	12	38	852.85594	0.00239	*
49	11	0	48	10	38	937.37631	0.00236	*
50	11	0	49	10	39	937.47962	0.00258	*
50	11	0	51	12	39	852.75532	0.00249	*
51	11	0	50	10	40	937.58266	0.00250	*
51	11	0	52	12	40	852.65416	0.00202	*
52	11	0	51	10	41	937.68570	0.00240	*
52	11	0	53	12	41	852.55408	0.00261	*
53	11	0	52	10	42	937.78875	0.00228	*
53	11	0	54	12	42	852.45346	0.00264	*
54	11	0	53	10	43	937.89233	0.00267	*
54	11	0	55	12	43	852.35257	0.00238	*
55	11	0	54	10	44	937.99564	0.00277	*
55	11	0	56	12	44	852.25222	0.00263	*
56	11	0	55	10	45	938.09868	0.00257	*
56	11	0	57	12	45	852.15133	0.00232	*
57	11	0	56	10	46	938.20199	0.00262	*
57	11	0	58	12	46	852.05017	0.00172	*
58	11	0	59	12	47	851.94982	0.00190	*
59	11	0	58	10	48	938.40834	0.00238	*
59	11	0	60	12	48	851.85028	0.00287	*
60	11	0	59	10	49	938.51192	0.00264	*
60	11	0	61	12	49	851.74939	0.00247	*
61	11	0	60	10	50	938.61496	0.00233	*
61	11	0	62	12	50	851.64904	0.00258	*
62	11	0	63	12	51	851.54815	0.00213	*
63	11	0	62	10	52	938.82212	0.00272	*
63	11	0	64	12	52	851.44779	0.00218	*
64	11	0	63	10	53	938.92517	0.00235	*
64	11	0	65	12	53	851.34744	0.00222	*
65	11	0	64	10	54	939.02848	0.00223	*
65	11	0	66	12	54	851.24790	0.00305	*
66	11	0	65	10	55	939.13206	0.00235	*
66	11	0	67	12	55	851.14728	0.00277	*
67	11	0	66	10	56	939.23590	0.00271	*
67	11	0	68	12	56	851.04666	0.00246	*
68	11	0	67	10	57	939.33922	0.00253	*
68	11	0	69	12	57	850.94658	0.00267	*
69	11	0	68	10	58	939.44280	0.00259	*
70	11	0	69	10	59	939.54611	0.00236	*
71	11	0	70	10	60	939.64996	0.00265	*

71	11	0	72	12	60	850.64606	0.00287	*
72	11	0	71	10	61	939.75327	0.00238	*
72	11	0	73	12	61	850.54490	0.00190	*
73	11	0	72	10	62	939.85658	0.00209	*
74	11	0	73	10	63	939.96016	0.00205	*
74	11	0	75	12	63	850.34474	0.00205	*
75	11	0	76	12	64	850.24465	0.00207	*
75	11	0	74	10	64	940.06347	0.00172	*
76	11	0	75	10	65	940.16812	0.00271	*
76	11	0	77	12	65	850.14403	0.00153	*
77	11	0	76	10	66	940.27117	0.00208	*
77	11	0	78	12	66	850.04476	0.00232	*
78	11	0	79	12	67	849.94468	0.00228	*
78	11	0	77	10	67	940.37555	0.00277	*
79	11	0	80	12	68	849.84513	0.00274	*
79	11	0	78	10	68	940.47886	0.00237	*
80	11	0	79	10	69	940.58298	0.00276	*
12	12	0	11	11	0	936.72900	0.00119	
12	12	0	13	13	0	853.01952	0.00103	
13	12	1	12	11	1	936.83070	0.00079	
13	12	1	14	13	1	852.91782	0.00082	
14	12	2	13	11	2	936.93293	0.00090	
14	12	2	15	13	2	852.81666	0.00112	
15	12	3	14	11	3	937.03544	0.00125	
15	12	3	16	13	3	852.71443	0.00034	
16	12	4	15	11	4	937.13740	0.00103	
16	12	4	17	13	4	852.61354	0.00089	
17	12	5	16	11	5	937.23991	0.00132	
17	12	5	18	13	5	852.51184	0.00060	
18	12	6	17	11	6	937.34187	0.00103	
18	12	6	19	13	6	852.41122	0.00138	
19	12	7	18	11	7	937.44438	0.00127	
19	12	7	20	13	7	852.30952	0.00106	
20	12	8	19	11	8	937.54661	0.00119	
20	12	8	21	13	8	852.20810	0.00100	
21	12	9	20	11	9	937.64858	0.00083	
21	12	9	22	13	9	852.10694	0.00118	
22	12	10	23	13	10	852.00578	0.00134	
22	12	10	21	11	10	937.75108	0.00097	
23	12	11	24	13	11	851.90462	0.00149	
23	12	11	22	11	11	937.85358	0.00107	
24	12	12	25	13	12	851.80266	0.00082	
24	12	12	23	11	12	937.95609	0.00116	
25	12	13	24	11	13	938.05859	0.00121	
25	12	13	26	13	13	851.70150	0.00093	
26	12	14	27	13	14	851.60088	0.00155	
26	12	14	25	11	14	938.16110	0.00124	
27	12	15	28	13	15	851.49891	0.00082	
27	12	15	26	11	15	938.26360	0.00123	
28	12	16	27	11	16	938.36583	0.00092	
28	12	16	29	13	16	851.39721	0.00033	
29	12	17	30	13	17	851.29606	0.00037	
30	12	18	31	13	18	851.19570	0.00118	
30	12	18	29	11	18	938.57111	0.00104	
31	12	19	32	13	19	851.09482	0.00146	
32	12	20	31	11	20	938.77639	0.00104	
32	12	20	33	13	20	850.99312	0.00089	
33	12	21	32	11	21	938.87916	0.00113	
33	12	21	34	13	21	850.89169	0.00058	

34	12	22	33	11	22	938.98193	0.00119
34	12	22	35	13	22	850.79107	0.00105
35	12	23	34	11	23	939.08444	0.00097
36	12	24	35	11	24	939.18721	0.00097
36	12	24	37	13	24	850.58902	0.00114
37	12	25	38	13	25	850.48813	0.00128
37	12	25	36	11	25	939.28998	0.00095
38	12	26	37	11	26	939.39302	0.00118
38	12	26	39	13	26	850.38671	0.00088
39	12	27	38	11	27	939.49580	0.00111
39	12	27	40	13	27	850.28582	0.00098
40	12	28	41	13	28	850.18520	0.00134
40	12	28	39	11	28	939.59884	0.00128
41	12	29	40	11	29	939.70161	0.00115
41	12	29	42	13	29	850.08350	0.00060
42	12	30	41	11	30	939.80465	0.00126
42	12	30	43	13	30	849.98288	0.00091
43	12	31	42	11	31	939.90716	0.00082
43	12	31	44	13	31	849.88199	0.00093
44	12	32	45	13	32	849.78137	0.00121
45	12	33	44	11	33	940.11324	0.00091
45	12	33	46	13	33	849.68021	0.00092
46	12	34	45	11	34	940.21655	0.00119
46	12	34	47	13	34	849.57959	0.00115
47	12	35	46	11	35	940.31932	0.00091
47	12	35	48	13	35	849.47870	0.00109
48	12	36	47	11	36	940.42237	0.00087
49	12	37	48	11	37	940.52568	0.00107
49	12	37	50	13	37	849.27692	0.00091
50	12	38	49	11	38	940.62872	0.00098
50	12	38	51	13	38	849.17576	0.00052
51	12	39	50	11	39	940.73230	0.00140
51	12	39	52	13	39	849.07568	0.00118
52	12	40	53	13	40	848.97479	0.00102
53	12	41	52	11	41	940.93865	0.00135
53	12	41	54	13	41	848.87417	0.00110
54	12	42	53	11	42	941.04169	0.00116
54	12	42	55	13	42	848.77301	0.00062
55	12	43	54	11	43	941.14500	0.00121
55	12	43	56	13	43	848.67239	0.00066
56	12	44	55	11	44	941.24858	0.00151
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57	12	45	56	11	45	941.35136	0.00098
57	12	45	58	13	45	848.47196	0.00148
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59	12	47	58	11	47	941.55825	0.00118
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61	12	49	62	13	49	848.06975	0.00150
62	12	50	61	11	50	941.86872	0.00144
63	12	51	62	11	51	941.97176	0.00103
64	12	52	63	11	52	942.07561	0.00141
64	12	52	65	13	52	847.76788	0.00106
65	12	53	64	11	53	942.17865	0.00095
66	12	54	67	13	54	847.56772	0.00174
66	12	54	65	11	54	942.28250	0.00128
67	12	55	68	13	55	847.46656	0.00096
67	12	55	66	11	55	942.38527	0.00051

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68	12	56	69	13	56	847.36702	0.00178
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69	12	57	68	11	57	942.59270	0.00080
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73	12	61	72	11	61	943.00756	0.00110
74	12	62	73	11	62	943.11141	0.00126
74	12	62	75	13	62	846.76464	0.00106
75	12	63	76	13	63	846.66429	0.00090
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76	12	64	77	13	64	846.56367	0.00045
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77	12	65	76	11	65	943.42242	0.00107
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78	12	66	79	13	66	846.36350	0.00053
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35	13	22	34	12	22	942.20744	-0.00123
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61	15	46	60	14	46	951.06230	-0.00036
62	15	47	61	14	47	951.16642	0.00019
64	15	49	63	14	49	951.37331	-0.00013
65	15	50	64	14	50	951.47609	-0.00100
66	15	51	65	14	51	951.58020	-0.00056
67	15	52	66	14	52	951.68432	-0.00013
68	15	53	67	14	53	951.78763	-0.00055
69	15	54	68	14	54	951.89229	0.00037
70	15	55	69	14	55	951.99533	-0.00036

71	15	56	70	14	56	952.09972	0.00023	
72	15	57	71	14	57	952.20330	-0.00001	
74	15	59	73	14	59	952.41019	-0.00083	
75	15	60	74	14	60	952.51484	-0.00008	
77	15	62	76	14	62	952.72200	-0.00078	
78	15	63	77	14	63	952.82585	-0.00089	
79	15	64	78	14	64	952.93078	0.00005	
80	15	65	79	14	65	953.03436	-0.00038	
17	16	0	16	15	1	949.54466	-0.03105	*
19	16	0	18	15	3	949.75020	-0.03017	*
20	16	0	19	15	4	949.85378	-0.02897	*
21	16	0	20	15	5	949.95629	-0.02887	*
23	16	0	22	15	7	950.16291	-0.02716	*
31	16	0	30	15	15	950.99047	-0.02051	*
32	16	0	31	15	16	951.09405	-0.01968	*
33	16	0	32	15	17	951.19736	-0.01915	*
34	16	0	33	15	18	951.30067	-0.01865	*
35	16	0	34	15	19	951.40533	-0.01684	*
36	16	0	35	15	20	951.50891	-0.01613	*
37	16	0	36	15	21	951.61276	-0.01518	*
38	16	0	37	15	22	951.71607	-0.01480	*
39	16	0	38	15	23	951.81938	-0.01445	*
40	16	0	39	15	24	951.92350	-0.01333	*
41	16	0	40	15	25	952.02762	-0.01223	*
42	16	0	41	15	26	952.13093	-0.01197	*
43	16	0	42	15	27	952.23504	-0.01094	*
44	16	0	43	15	28	952.33862	-0.01046	*
45	16	0	44	15	29	952.44193	-0.01029	*
46	16	0	45	15	30	952.54578	-0.00961	*
49	16	0	48	15	33	952.85625	-0.00881	*
50	16	0	49	15	34	952.96010	-0.00824	*
52	16	0	51	15	36	953.16699	-0.00800	*
53	16	0	52	15	37	953.27057	-0.00778	*
54	16	0	53	15	38	953.37415	-0.00759	*
55	16	0	54	15	39	953.47720	-0.00796	*
17	17	0	16	16	0	952.58748	0.00033	
18	17	1	17	16	1	952.68999	0.00050	
19	17	2	18	16	2	952.79142	-0.00043	
20	17	3	19	16	3	952.89419	-0.00006	
21	17	4	20	16	4	952.99723	0.00055	
22	17	5	21	16	5	953.09920	0.00006	
23	17	6	22	16	6	953.20116	-0.00048	
24	17	7	23	16	7	953.30474	0.00058	
25	17	8	24	16	8	953.40671	-0.00001	
26	17	9	25	16	9	953.50948	0.00017	
27	17	10	26	16	10	953.61225	0.00032	
28	17	11	27	16	11	953.71476	0.00018	
29	17	12	28	16	12	953.81726	0.00000	
30	17	13	29	16	13	953.92057	0.00059	
31	17	14	30	16	14	954.02281	0.00009	
33	17	16	32	16	16	954.22808	-0.00023	
34	17	17	33	16	17	954.33166	0.00051	
35	17	18	34	16	18	954.43444	0.00043	
36	17	19	35	16	19	954.53721	0.00030	
37	17	20	36	16	20	954.63998	0.00014	
38	17	21	37	16	21	954.74275	-0.00005	
39	17	22	38	16	22	954.84606	0.00026	
40	17	23	39	16	23	954.94964	0.00082	
41	17	24	40	16	24	955.05215	0.00028	

43	17	26	42	16	26	955.25850	0.00044
46	17	29	45	16	29	955.56816	0.00059
48	17	31	47	16	31	955.77452	0.00047
49	17	32	48	16	32	955.87756	0.00022
50	17	33	49	16	33	955.98114	0.00049
51	17	34	50	16	34	956.08472	0.00072
53	17	36	52	16	36	956.29107	0.00030
54	17	37	53	16	37	956.39438	0.00018
55	17	38	54	16	38	956.49796	0.00030
56	17	39	55	16	39	956.60154	0.00039
57	17	40	56	16	40	956.70512	0.00046
59	17	42	58	16	42	956.91201	0.00023
61	17	44	60	16	44	957.11890	-0.00010
62	17	45	61	16	45	957.22248	-0.00017
63	17	46	62	16	46	957.32633	0.00000
64	17	47	63	16	47	957.43072	0.00068
65	17	48	64	16	48	957.53376	-0.00001

* Not included in the fit.

The ν_6 band of *trans*-1,2-C₂H₂³⁵Cl³⁷Cl

UPPER STATE			LOWER STATE			WAVENUMBER	OBS-CALC
J	KA	KC	J	KA	KC		
3	0	3	4	1	3	895.84670	0.00170
4	0	4	5	1	4	895.74366	0.00105
5	0	5	6	1	5	895.64035	0.00081
7	0	7	8	1	7	895.43130	-0.00005
9	0	9	10	1	9	895.21984	-0.00055
9	0	9	8	1	7	897.11522	0.00091
10	0	10	11	1	10	895.11465	0.00079
10	0	10	9	1	8	897.20777	0.00064
12	0	12	11	1	10	897.39071	0.00011
12	0	12	13	1	12	894.90022	0.00155
13	0	13	12	1	11	897.48165	0.00041
13	0	13	14	1	13	894.79099	0.00099
14	0	14	15	1	14	894.68176	0.00116
14	0	14	13	1	12	897.57258	0.00143
15	0	15	16	1	15	894.57011	-0.00034
15	0	15	14	1	13	897.66110	0.00079
16	0	16	17	1	16	894.46061	0.00104
17	0	17	16	1	15	897.83732	0.00097
17	0	17	18	1	17	894.34869	0.00077
18	0	18	17	1	16	897.92422	0.00102
18	0	18	19	1	18	894.23597	0.00047
19	0	19	20	1	19	894.12162	-0.00069
19	0	19	18	1	17	898.00950	0.00023
21	0	21	20	1	19	898.17873	-0.00025
21	0	21	22	1	21	893.89402	0.00048
22	0	22	23	1	22	893.77752	-0.00042
23	0	23	24	1	23	893.66184	0.00034
23	0	23	22	1	21	898.34499	-0.00038
24	0	24	25	1	24	893.54346	-0.00077
24	0	24	23	1	22	898.42678	-0.00050
26	0	26	27	1	26	893.30671	-0.00038
27	0	27	26	1	25	898.66757	-0.00015
27	0	27	28	1	27	893.18672	-0.00048
28	0	28	27	1	26	898.74559	-0.00046
28	0	28	29	1	28	893.06565	-0.00075
30	0	30	29	1	28	898.89841	-0.00146
30	0	30	31	1	30	892.82136	-0.00067
31	0	31	30	1	29	898.97374	-0.00159
31	0	31	32	1	31	892.69572	-0.00271
32	0	32	33	1	32	892.57116	-0.00269
32	0	32	31	1	30	899.04799	-0.00181
33	0	33	32	1	31	899.12305	-0.00021
35	0	35	36	1	35	892.19343	-0.00069
36	0	36	37	1	36	892.06456	-0.00093
36	0	36	35	1	34	899.33613	-0.00126
37	0	37	38	1	37	891.93515	-0.00064
37	0	37	36	1	35	899.40527	-0.00136
38	0	38	37	1	36	899.47253	-0.00222
39	0	39	40	1	39	891.67122	-0.00192

40	0	0	39	1	38	899.60436	-0.00326	*
41	0	41	42	1	41	891.40326	-0.00277	
41	0	0	40	1	39	899.66920	-0.00311	*
42	0	42	43	1	42	891.26820	-0.00256	
42	0	42	41	1	40	899.73404	-0.00179	
44	0	44	45	1	44	890.99513	-0.00155	
44	0	0	43	1	42	899.85565	-0.00359	*
45	0	45	46	1	45	890.85711	-0.00073	
46	0	46	47	1	46	890.71721	-0.00057	
46	0	46	45	1	44	899.97671	-0.00099	
47	0	47	46	1	45	900.03429	-0.00073	
47	0	47	48	1	47	890.57623	-0.00024	
48	0	48	47	1	46	900.09025	-0.00081	
49	0	49	48	1	47	900.14459	-0.00120	
49	0	49	50	1	49	890.28944	-0.00065	
50	0	50	49	1	48	900.19867	-0.00052	
50	0	50	51	1	50	890.14550	0.00053	
51	0	51	50	1	49	900.24979	-0.00147	
52	0	52	51	1	50	900.30198	0.00000	
52	0	52	53	1	52	889.85010	-0.00073	
53	0	53	52	1	51	900.35148	0.00016	
53	0	53	54	1	53	889.70186	0.00009	
54	0	54	53	1	52	900.39991	0.00062	
55	0	55	54	1	53	900.44645	0.00058	
56	0	56	57	1	56	889.24664	0.00011	
56	0	56	55	1	54	900.49165	0.00060	
58	0	58	57	1	56	900.57882	0.00167	
58	0	58	59	1	58	888.93564	-0.00058	
59	0	59	60	1	59	888.77879	-0.00021	
5	1	5	6	2	5	892.24051	-0.00022	
6	1	6	7	2	6	892.13773	-0.00004	
8	1	8	9	2	8	891.93057	0.00071	
9	1	9	10	2	9	891.82350	-0.00140	
10	1	10	11	2	10	891.71938	0.00010	
11	1	11	12	2	11	891.61311	0.00011	
12	1	12	13	2	12	891.50576	-0.00028	
13	1	13	14	2	13	891.39868	0.00025	
14	1	14	15	2	14	891.29161	0.00147	
15	1	15	16	2	15	891.18184	0.00066	
16	1	16	17	2	16	891.07073	-0.00083	
17	1	17	18	2	17	890.96069	-0.00058	
18	1	18	19	2	18	890.84850	-0.00180	
19	1	19	20	2	19	890.73820	-0.00046	
19	1	19	19	0	19	899.51074	-0.00018	
20	1	20	20	0	20	899.49863	0.00008	
20	1	20	21	2	20	890.62681	0.00046	
21	1	21	21	0	21	899.48572	0.00006	
22	1	22	23	2	22	890.40028	0.00057	
22	1	22	22	0	22	899.47253	0.00028	
23	1	23	23	0	23	899.45828	-0.00007	
24	1	24	25	2	24	890.16999	-0.00036	
25	1	25	26	2	25	890.05484	0.00018	
25	1	25	25	0	25	899.42895	-0.00018	
26	1	26	27	2	26	889.93807	-0.00022	
27	1	27	27	0	27	899.39801	-0.00012	
28	1	28	28	0	28	899.38187	-0.00012	
29	1	29	29	0	29	899.36519	-0.00028	
30	1	30	30	0	30	899.34743	-0.00114	
31	1	31	31	0	31	899.33129	-0.00002	

32	1	32	33	2	32	889.22512	-0.00057	
32	1	32	32	0	32	899.31380	0.00009	
34	1	34	34	0	34	899.27748	-0.00011	
34	1	34	35	2	34	888.98326	0.00060	
35	1	35	36	2	35	888.85869	-0.00141	
37	1	37	38	2	37	888.61279	-0.00012	
49	1	49	49	0	49	898.98423	0.00034	
50	1	50	50	0	50	898.96432	0.00036	
51	1	51	51	0	51	898.94441	0.00029	
52	1	52	52	0	52	898.92450	0.00012	
53	1	53	53	0	53	898.90540	0.00064	
54	1	54	54	0	54	898.88603	0.00074	
55	1	55	55	0	55	898.86639	0.00041	
56	1	56	56	0	56	898.84783	0.00097	
57	1	57	57	0	57	898.82899	0.00105	
4	1	3	5	2	3	892.35727	0.00034	
5	1	4	6	2	4	892.26149	-0.00007	
6	1	5	5	0	5	900.24172	-0.00036	
6	1	5	7	2	5	892.16733	0.00042	
7	1	6	6	0	6	900.34664	0.00046	
8	1	7	9	2	7	891.97954	-0.00017	
8	1	7	7	0	7	900.45130	0.00027	
9	1	8	8	0	8	900.55568	-0.00094	
9	1	8	10	2	8	891.88591	-0.00123	
10	1	9	11	2	9	891.79498	-0.00028	
11	1	10	12	2	10	891.70270	-0.00134	
11	1	10	10	0	10	900.76957	-0.00049	
12	1	11	11	0	11	900.87692	-0.00101	
12	1	11	13	2	11	891.61311	-0.00037	
13	1	12	12	0	12	900.98561	-0.00095	
13	1	12	14	2	12	891.52298	-0.00058	
14	1	13	15	2	13	891.43339	-0.00089	
15	1	14	14	0	14	901.20514	-0.00103	
15	1	14	16	0	16	898.13837	-0.00073	
15	1	14	16	2	14	891.34461	-0.00100	
16	1	15	15	0	15	901.31572	-0.00144	
16	1	15	17	0	17	898.05066	-0.00173	
17	1	16	16	0	16	901.42737	-0.00158	
17	1	16	18	2	16	891.16893	-0.00114	
17	1	16	18	0	18	897.96430	-0.00221	
18	1	0	17	0	17	901.53956	-0.00200	*
18	1	0	19	2	17	891.08014	-0.00302	*
18	1	0	19	0	19	897.87983	-0.00165	*
19	1	0	18	0	18	901.65229	-0.00271	*
19	1	0	20	0	20	897.79508	-0.00223	*
19	1	0	20	2	18	890.99513	-0.00168	*
20	1	0	19	0	19	901.76690	-0.00237	*
20	1	0	21	0	21	897.71114	-0.00287	*
20	1	0	21	2	19	890.90796	-0.00302	*
21	1	0	20	0	20	901.88124	-0.00314	*
21	1	0	22	2	20	890.82294	-0.00273	*
22	1	0	21	0	21	901.99746	-0.00290	*
22	1	0	23	2	21	890.73820	-0.00265	*
23	1	0	22	0	22	902.11396	-0.00326	*
24	1	0	23	0	23	902.23153	-0.00343	*
24	1	0	25	2	23	890.56816	-0.00443	*
25	1	0	24	0	24	902.34936	-0.00424	*
25	1	0	26	2	24	890.48422	-0.00489	*
25	1	0	26	0	26	897.30570	-0.00544	*

26	1	0	25	0	25	902.46855	-0.00461	*
26	1	0	27	2	25	890.40028	-0.00575	*
27	1	0	26	0	26	902.58908	-0.00456	*
27	1	0	28	0	28	897.15181	-0.00482	*
28	1	0	27	0	27	902.71041	-0.00467	*
28	1	0	29	2	27	890.23617	-0.00479	*
29	1	0	30	2	28	890.15411	-0.00481	*
31	1	0	32	2	30	889.98973	-0.00596	*
32	1	0	33	2	31	889.90848	-0.00597	*
5	2	0	6	3	4	888.82641	-0.00379	*
5	2	0	4	1	4	903.49977	-0.00205	*
6	2	0	5	1	5	903.60066	-0.00388	*
6	2	0	7	3	5	888.72686	-0.00454	*
7	2	0	8	3	6	888.62866	-0.00396	*
7	2	0	6	1	6	903.70451	-0.00349	*
8	2	0	9	3	7	888.52966	-0.00421	*
9	2	0	8	1	8	903.91302	-0.00413	*
9	2	0	10	3	8	888.43092	-0.00422	*
10	2	0	9	1	9	904.01794	-0.00490	*
11	2	0	10	1	10	904.12502	-0.00425	*
11	2	0	12	3	10	888.23318	-0.00456	*
12	2	0	11	1	11	904.23102	-0.00542	*
12	2	0	13	3	11	888.13417	-0.00489	*
13	2	0	14	3	12	888.03651	-0.00388	*
13	2	0	12	1	12	904.34052	-0.00384	*
14	2	0	15	3	13	887.93723	-0.00450	*
14	2	0	13	1	13	904.44787	-0.00516	*
18	2	0	17	1	17	904.88801	-0.00712	*
18	2	0	19	3	17	887.53933	-0.00775	*
19	2	0	20	3	18	887.44059	-0.00781	*
21	2	0	20	1	20	905.22862	-0.00595	*
22	2	0	23	3	21	887.14626	-0.00596	*
22	2	0	21	1	21	905.34376	-0.00545	*
23	2	0	24	3	22	887.04725	-0.00618	*
23	2	0	22	1	22	905.45837	-0.00624	*
24	2	0	25	3	23	886.94744	-0.00717	*
24	2	0	23	1	23	905.57406	-0.00670	*
25	2	0	26	3	24	886.84763	-0.00811	*
26	2	0	25	1	25	905.80812	-0.00720	*
26	2	0	27	3	25	886.75024	-0.00658	*
27	2	0	28	3	26	886.64935	-0.00849	*
28	2	0	29	3	27	886.55034	-0.00845	*
5	2	0	6	3	3	888.82641	-0.00382	*
6	2	0	7	3	4	888.72686	-0.00460	*
7	2	0	8	3	5	888.62866	-0.00407	*
7	2	0	6	1	5	903.67411	-0.00425	*
8	2	0	9	3	6	888.52966	-0.00439	*
8	2	0	7	1	6	903.76881	-0.00391	*
9	2	0	10	3	7	888.43092	-0.00450	*
9	2	0	8	1	7	903.86271	-0.00373	*
10	2	0	9	1	8	903.95552	-0.00400	*
11	2	0	12	3	9	888.23318	-0.00517	*
11	2	0	10	1	9	904.04727	-0.00470	*
12	2	0	11	1	10	904.13793	-0.00588	*
12	2	0	13	3	10	888.13417	-0.00575	*
13	2	0	14	3	11	888.03651	-0.00505	*
14	2	0	13	1	12	904.31926	-0.00642	*
14	2	0	15	3	12	887.93723	-0.00606	*
15	2	0	14	1	13	904.40885	-0.00689	*

15	2	0	16	3	13	887.83903	-0.00608	*
16	2	0	17	3	14	887.74272	-0.00432	*
16	2	0	15	1	14	904.50006	-0.00517	*
17	2	0	18	3	15	887.64398	-0.00509	*
18	2	0	17	1	16	904.67762	-0.00495	*
19	2	0	20	3	17	887.44839	-0.00513	*
19	2	0	18	1	17	904.76533	-0.00513	*
20	2	0	21	3	18	887.34992	-0.00603	*
20	2	0	19	1	18	904.85277	-0.00507	*
21	2	0	20	1	19	904.93886	-0.00587	*
21	2	0	22	3	19	887.25307	-0.00547	*
24	2	0	23	1	22	905.19660	-0.00611	*
24	2	0	25	3	22	886.96089	-0.00645	*
25	2	0	26	3	23	886.86377	-0.00690	*
25	2	0	24	1	23	905.28162	-0.00625	*
26	2	0	25	1	24	905.36448	-0.00817	*
26	2	0	27	3	24	886.76799	-0.00623	*
27	2	0	26	1	25	905.45057	-0.00650	*
27	2	0	28	3	25	886.67060	-0.00740	*
28	2	0	29	3	26	886.57509	-0.00694	*
28	2	0	27	1	26	905.53263	-0.00854	*
29	2	0	30	3	27	886.47878	-0.00754	*
49	4	0	48	3	46	914.56103	0.00689	*
49	4	0	50	5	46	877.62767	0.00711	*
50	4	0	49	3	47	914.66111	0.00715	*
50	4	0	51	5	47	877.53055	0.00721	*
51	4	0	50	3	48	914.76012	0.00634	*
51	4	0	52	5	48	877.43316	0.00699	*
52	4	0	51	3	49	914.85993	0.00633	*
52	4	0	53	5	49	877.33604	0.00700	*
53	4	0	52	3	50	914.95974	0.00633	*
54	4	0	53	3	51	915.05929	0.00607	*
55	4	0	54	3	52	915.15883	0.00579	*
55	4	0	56	5	52	877.04440	0.00645	*
56	4	0	57	5	53	876.94674	0.00572	*
57	4	0	56	3	54	915.35819	0.00553	*
57	4	0	58	5	54	876.84988	0.00574	*
58	4	0	59	5	55	876.75222	0.00491	*
59	4	0	60	5	56	876.65618	0.00565	*
60	4	0	61	5	57	876.55959	0.00578	*
61	4	0	62	5	58	876.46247	0.00534	*
63	4	0	64	5	60	876.26903	0.00508	*
63	4	0	62	3	60	915.95599	0.00438	*
64	4	0	65	5	61	876.17191	0.00448	*
64	4	0	63	3	61	916.05634	0.00489	*
65	4	0	64	3	62	916.15535	0.00404	*
65	4	0	66	5	62	876.07559	0.00461	*
66	4	0	67	5	63	875.97901	0.00444	*
67	4	0	68	5	64	875.88296	0.00474	*
68	4	0	69	5	65	875.78691	0.00498	*
68	4	0	67	3	65	916.45560	0.00462	*
69	4	0	68	3	66	916.55487	0.00396	*
4	4	0	3	3	0	910.08396	0.01320	*
5	4	0	4	3	1	910.18323	0.01333	*
8	4	0	7	3	4	910.48052	0.01298	*
9	4	0	10	5	5	881.55483	0.01306	*
10	4	0	11	5	6	881.45556	0.01248	*
10	4	0	9	3	6	910.67934	0.01322	*
11	4	0	12	5	7	881.35736	0.01294	*

12	4	0	11	3	8	910.87708	0.01225	*
12	4	0	13	5	8	881.25862	0.01283	*
13	4	0	12	3	9	910.97689	0.01267	*
13	4	0	14	5	9	881.16015	0.01296	*
14	4	0	15	5	10	881.06168	0.01306	*
14	4	0	13	3	10	911.07671	0.01306	*
15	4	0	16	5	11	880.96295	0.01287	*
15	4	0	14	3	11	911.17598	0.01288	*
16	4	0	15	3	12	911.27499	0.01241	*
16	4	0	17	5	12	880.86394	0.01237	*
17	4	0	16	3	13	911.37400	0.01192	*
17	4	0	18	5	13	880.76520	0.01211	*
18	4	0	17	3	14	911.47327	0.01166	*
18	4	0	19	5	14	880.66620	0.01155	*
19	4	0	20	5	15	880.56854	0.01231	*
20	4	0	21	5	16	880.47007	0.01222	*
20	4	0	19	3	16	911.67290	0.01216	*
21	4	0	20	3	17	911.77217	0.01184	*
21	4	0	22	5	17	880.37133	0.01182	*
22	4	0	23	5	18	880.27313	0.01194	*
23	4	0	22	3	19	911.97072	0.01115	*
24	4	0	23	3	20	912.07081	0.01159	*
25	4	0	24	3	21	912.17035	0.01147	*
25	4	0	26	5	21	879.97773	0.01129	*
26	4	0	27	5	22	879.87926	0.01100	*
26	4	0	25	3	22	912.26963	0.01108	*
27	4	0	28	5	23	879.78052	0.01040	*
28	4	0	29	5	24	879.68259	0.01059	*
28	4	0	27	3	24	912.46871	0.01078	*
29	4	0	28	3	25	912.56853	0.01091	*
29	4	0	30	5	25	879.58493	0.01100	*
30	4	0	31	5	26	879.48673	0.01084	*
30	4	0	29	3	26	912.66807	0.01075	*
31	4	0	30	3	27	912.76708	0.01006	*
31	4	0	32	5	27	879.38826	0.01037	*
32	4	0	31	3	28	912.86770	0.01098	*
32	4	0	33	5	28	879.29060	0.01068	*
33	4	0	34	5	29	879.19213	0.01014	*
34	4	0	33	3	30	913.06517	0.00907	*
35	4	0	34	3	31	913.16606	0.01028	*
36	4	0	35	3	32	913.26507	0.00963	*
36	4	0	37	5	32	878.89807	0.00964	*
37	4	0	36	3	33	913.36434	0.00925	*
37	4	0	38	5	33	878.79988	0.00922	*
38	4	0	37	3	34	913.46416	0.00945	*
38	4	0	39	5	34	878.70168	0.00876	*
39	4	0	38	3	35	913.56343	0.00912	*
39	4	0	40	5	35	878.60375	0.00852	*
40	4	0	41	5	36	878.50635	0.00878	*
41	4	0	40	3	37	913.76252	0.00910	*
41	4	0	42	5	37	878.40869	0.00873	*
42	4	0	41	3	38	913.86180	0.00887	*
42	4	0	43	5	38	878.30915	0.00676	*
43	4	0	44	5	39	878.21283	0.00796	*
44	4	0	45	5	40	878.11517	0.00779	*
45	4	0	46	5	41	878.01778	0.00783	*
47	4	0	48	5	43	877.82246	0.00725	*
47	4	0	46	3	43	914.35737	0.00765	*
48	4	0	49	5	44	877.72533	0.00742	*

48	4	0	47	3	44	914.45637	0.00746	*
49	4	0	48	3	45	914.55484	0.00683	*
49	4	0	50	5	45	877.62767	0.00701	*
50	4	0	51	5	46	877.53055	0.00710	*
50	4	0	49	3	46	914.65385	0.00681	*
51	4	0	52	5	47	877.43316	0.00686	*
52	4	0	53	5	48	877.33604	0.00685	*
54	4	0	53	3	50	915.04879	0.00655	*
55	4	0	56	5	51	877.04440	0.00621	*
56	4	0	57	5	52	876.94674	0.00545	*
57	4	0	58	5	53	876.84988	0.00543	*
58	4	0	59	5	54	876.75222	0.00455	*
59	4	0	58	3	55	915.53844	0.00480	*
59	4	0	60	5	55	876.65618	0.00524	*
60	4	0	59	3	56	915.63637	0.00488	*
60	4	0	61	5	56	876.55959	0.00532	*
61	4	0	60	3	57	915.73430	0.00512	*
61	4	0	62	5	57	876.46247	0.00481	*
63	4	0	64	5	59	876.26903	0.00440	*
64	4	0	65	5	60	876.17191	0.00370	*
65	4	0	66	5	61	876.07559	0.00374	*
66	4	0	67	5	62	875.97901	0.00345	*
66	4	0	65	3	62	916.21938	0.00455	*
67	4	0	68	5	63	875.88296	0.00363	*
68	4	0	67	3	64	916.41201	0.00442	*
68	4	0	69	5	64	875.78691	0.00373	*
69	4	0	68	3	65	916.50806	0.00445	*
70	4	0	69	3	66	916.60222	0.00285	*
71	4	0	70	3	67	916.69935	0.00450	*
74	4	0	73	3	70	916.98453	0.00498	*
75	4	0	74	3	71	917.07708	0.00326	*
78	4	0	77	3	74	917.35849	0.00394	*
79	4	0	78	3	75	917.45239	0.00500	*
6	5	0	7	6	1	878.37399	0.00759	*
7	5	0	8	6	2	878.27498	0.00737	*
8	5	0	7	4	3	913.78324	0.00803	*
8	5	0	9	6	3	878.17651	0.00767	*
9	5	0	8	4	4	913.88224	0.00775	*
9	5	0	10	6	4	878.07778	0.00768	*
10	5	0	9	4	5	913.98152	0.00772	*
10	5	0	11	6	5	877.97904	0.00765	*
11	5	0	10	4	6	914.08079	0.00765	*
11	5	0	12	6	6	877.88030	0.00759	*
12	5	0	13	6	7	877.78156	0.00751	*
12	5	0	11	4	7	914.17980	0.00729	*
13	5	0	12	4	8	914.27907	0.00716	*
13	5	0	14	6	8	877.68283	0.00740	*
14	5	0	15	6	9	877.58436	0.00753	*
14	5	0	13	4	9	914.37727	0.00593	*
15	5	0	16	6	10	877.48562	0.00736	*
16	5	0	15	4	11	914.57744	0.00714	*
19	5	0	18	4	14	914.87607	0.00713	*
20	5	0	19	4	15	914.97508	0.00653	*
20	5	0	21	6	15	876.99247	0.00663	*
21	5	0	22	6	16	876.89401	0.00656	*
22	5	0	23	6	17	876.79581	0.00673	*
23	5	0	24	6	18	876.69734	0.00660	*
24	5	0	25	6	19	876.59887	0.00644	*
26	5	0	25	4	21	915.57315	0.00645	*

27	5	0	28	6	22	876.30373	0.00604	*
27	5	0	26	4	22	915.67243	0.00595	*
28	5	0	29	6	23	876.20527	0.00577	*
28	5	0	27	4	23	915.77224	0.00596	*
29	5	0	28	4	24	915.87178	0.00569	*
29	5	0	30	6	24	876.10707	0.00572	*
30	5	0	29	4	25	915.97187	0.00594	*
30	5	0	31	6	25	876.00887	0.00565	*
31	5	0	32	6	26	875.91040	0.00528	*
31	5	0	30	4	26	916.07114	0.00535	*
32	5	0	31	4	27	916.17095	0.00529	*
32	5	0	33	6	27	875.81247	0.00541	*
33	5	0	34	6	28	875.71400	0.00497	*
35	5	0	36	6	30	875.51814	0.00509	*
37	5	0	36	4	32	916.66975	0.00449	*
38	5	0	37	4	33	916.76930	0.00408	*
38	5	0	39	6	33	875.22301	0.00368	*
39	5	0	40	6	34	875.12588	0.00439	*
40	5	0	41	6	35	875.02768	0.00400	*
41	5	0	42	6	36	874.92975	0.00385	*
42	5	0	43	6	37	874.83129	0.00313	*
43	5	0	44	6	38	874.73389	0.00344	*
44	5	0	45	6	39	874.63623	0.00346	*
45	5	0	46	6	40	874.53830	0.00317	*
46	5	0	47	6	41	874.44064	0.00312	*
46	5	0	45	4	41	917.56807	0.00293	*
47	5	0	48	6	42	874.34298	0.00304	*
47	5	0	46	4	42	917.66789	0.00274	*
48	5	0	49	6	43	874.24532	0.00292	*
48	5	0	47	4	43	917.76797	0.00282	*
49	5	0	48	4	44	917.86751	0.00237	*
49	5	0	50	6	44	874.14766	0.00276	*
50	5	0	49	4	45	917.96625	0.00112	*
50	5	0	51	6	45	874.05054	0.00312	*
51	5	0	50	4	46	918.06660	0.00148	*
52	5	0	53	6	47	873.85468	0.00209	*
52	5	0	51	4	47	918.16561	0.00052	*
53	5	0	54	6	48	873.75728	0.00206	*
53	5	0	52	4	48	918.26515	0.00009	*
54	5	0	55	6	49	873.65989	0.00200	*
55	5	0	54	4	50	918.46666	0.00171	*
55	5	0	56	6	50	873.56250	0.00190	*
56	5	0	55	4	51	918.56674	0.00187	*
56	5	0	57	6	51	873.46511	0.00177	*
57	5	52	56	4	52	918.66575	0.00097	
58	5	53	59	6	53	873.26925	0.00031	
58	5	53	57	4	53	918.76610	0.00144	
59	5	54	60	6	54	873.17347	0.00168	
59	5	54	58	4	54	918.86591	0.00139	
60	5	55	61	6	55	873.07581	0.00113	
60	5	55	59	4	55	918.96546	0.00110	
61	5	56	62	6	56	872.97869	0.00108	
61	5	56	60	4	56	919.06527	0.00110	
62	5	57	63	6	57	872.88156	0.00098	
62	5	57	61	4	57	919.16509	0.00114	
63	5	58	62	4	58	919.26409	0.00038	
64	5	59	65	6	59	872.68759	0.00095	
64	5	59	63	4	59	919.36364	0.00021	
65	5	60	64	4	60	919.46399	0.00088	

65	5	60	66	6	60	872.59046	0.00074	
66	5	61	67	6	61	872.49334	0.00049	
68	5	63	69	6	63	872.29963	0.00041	
68	5	63	67	4	63	919.76235	0.00043	
69	5	64	68	4	64	919.86190	0.00047	
71	5	66	72	6	66	872.00799	-0.00109	
71	5	66	70	4	66	920.05991	-0.00040	
72	5	67	73	6	67	871.91302	0.00057	
73	5	68	72	4	68	920.25819	-0.00078	
6	6	0	7	7	0	874.88375	0.00509	*
7	6	0	8	7	1	874.78501	0.00516	*
8	6	0	9	7	2	874.68627	0.00521	*
9	6	0	10	7	3	874.58754	0.00524	*
10	6	0	11	7	4	874.48880	0.00523	*
11	6	0	12	7	5	874.39006	0.00519	*
12	6	0	13	7	6	874.29079	0.00460	*
12	6	0	11	5	6	917.46476	0.00524	*
13	6	0	12	5	7	917.56431	0.00539	*
13	6	0	14	7	7	874.19259	0.00506	*
14	6	0	13	5	8	917.66331	0.00496	*
14	6	0	15	7	8	874.09385	0.00494	*
15	6	0	14	5	9	917.76232	0.00450	*
15	6	0	16	7	9	873.99485	0.00454	*
16	6	0	15	5	10	917.86213	0.00482	*
16	6	0	17	7	10	873.89611	0.00438	*
17	6	0	16	5	11	917.96141	0.00458	*
17	6	0	18	7	11	873.79737	0.00419	*
18	6	0	17	5	12	918.06095	0.00457	*
18	6	0	19	7	12	873.69944	0.00478	*
19	6	0	20	7	13	873.60043	0.00426	*
20	6	0	21	7	14	873.50277	0.00507	*
21	6	0	22	7	15	873.40377	0.00451	*
21	6	0	20	5	15	918.35958	0.00438	*
22	6	0	21	5	16	918.45886	0.00399	*
22	6	0	23	7	16	873.30503	0.00418	*
23	6	0	22	5	17	918.55894	0.00438	*
23	6	0	24	7	17	873.20683	0.00436	*
24	6	0	23	5	18	918.65849	0.00421	*
24	6	0	25	7	18	873.10809	0.00398	*
25	6	0	24	5	19	918.75776	0.00374	*
25	6	0	26	7	19	873.01016	0.00438	*
26	6	0	25	5	20	918.85784	0.00405	*
27	6	0	26	5	21	918.95739	0.00380	*
28	6	0	27	5	22	919.05693	0.00352	*
29	6	0	30	7	23	872.61629	0.00357	*
29	6	0	28	5	23	919.15675	0.00349	*
30	6	0	31	7	24	872.51809	0.00356	*
30	6	0	29	5	24	919.25656	0.00343	*
31	6	0	32	7	25	872.41989	0.00353	*
31	6	0	30	5	25	919.35664	0.00362	*
32	6	0	33	7	26	872.32142	0.00320	*
32	6	0	31	5	26	919.45619	0.00326	*
33	6	0	34	7	27	872.22323	0.00312	*
35	6	0	34	5	29	919.75589	0.00309	*
35	6	0	36	7	29	872.02710	0.00312	*
36	6	0	35	5	30	919.85571	0.00291	*
38	6	0	39	7	32	871.73169	0.00171	*
38	6	0	37	5	32	920.05533	0.00248	*
39	6	0	38	5	33	920.15542	0.00251	*

40	6	0	41	7	34	871.53637	0.00225	*
40	6	0	39	5	34	920.25523	0.00225	*
41	6	0	42	7	35	871.43844	0.00220	*
41	6	0	40	5	35	920.35531	0.00225	*
42	6	0	43	7	36	871.34024	0.00186	*
42	6	0	41	5	36	920.45566	0.00249	*
43	6	0	42	5	37	920.55548	0.00220	*
43	6	0	44	7	37	871.24285	0.00230	*
45	6	39	46	7	39	871.04618	0.00120	
46	6	40	47	7	40	870.94879	0.00155	
47	6	41	46	5	41	920.95554	0.00166	
48	6	42	47	5	42	921.05562	0.00156	
49	6	43	50	7	43	870.65527	0.00109	
49	6	43	48	5	43	921.15543	0.00119	
50	6	44	51	7	44	870.55761	0.00106	
51	6	45	52	7	45	870.45968	0.00072	
52	6	46	51	5	46	921.45568	0.00083	
52	6	46	53	7	46	870.36229	0.00090	
53	6	47	52	5	47	921.55549	0.00043	
54	6	48	53	5	48	921.65611	0.00083	
54	6	48	55	7	48	870.16723	0.00089	
55	6	49	56	7	49	870.06930	0.00044	
55	6	49	54	5	49	921.75647	0.00096	
56	6	50	55	5	50	921.85628	0.00055	
56	6	50	57	7	50	869.97083	-0.00058	
57	6	51	58	7	51	869.87452	0.00053	
57	6	51	56	5	51	921.95663	0.00067	
58	6	52	59	7	52	869.77686	0.00026	
58	6	52	57	5	52	922.05671	0.00053	
59	6	53	60	7	53	869.67973	0.00049	
60	6	54	61	7	54	869.58154	-0.00037	
61	6	55	62	7	55	869.48522	0.00061	
62	6	56	63	7	56	869.38783	0.00049	
62	6	56	61	5	56	922.45704	-0.00003	
63	6	57	64	7	57	869.28990	-0.00020	
64	6	58	63	5	58	922.65721	-0.00028	
64	6	58	65	7	58	869.19304	0.00015	
65	6	59	64	5	59	922.75675	-0.00094	
66	6	60	67	7	60	868.99853	-0.00003	
67	6	61	68	7	61	868.90060	-0.00084	
67	6	61	66	5	61	922.95799	-0.00006	
68	6	62	67	5	62	923.05727	-0.00095	
7	7	0	8	8	0	871.27944	0.00315	*
7	7	0	6	6	0	920.23209	0.00331	*
8	7	0	9	8	1	871.18043	0.00294	*
8	7	0	7	6	1	920.33164	0.00362	*
9	7	0	8	6	2	920.43091	0.00361	*
9	7	0	10	8	2	871.08223	0.00352	*
10	7	0	9	6	3	920.52992	0.00332	*
10	7	0	11	8	3	870.98323	0.00328	*
11	7	0	10	6	4	920.62919	0.00325	*
11	7	0	12	8	4	870.88449	0.00327	*
12	7	0	13	8	5	870.78575	0.00323	*
13	7	0	14	8	6	870.68728	0.00344	*
14	7	0	15	8	7	870.58774	0.00256	*
15	7	0	14	6	8	921.02656	0.00297	*
15	7	0	16	8	8	870.48927	0.00272	*
16	7	0	17	8	9	870.39053	0.00259	*
16	7	0	15	6	9	921.12638	0.00330	*

17	7	0	16	6	10	921.22565	0.00305	*
17	7	0	18	8	10	870.29234	0.00298	*
18	7	0	19	8	11	870.19387	0.00307	*
18	7	0	17	6	11	921.32520	0.00305	*
19	7	0	20	8	12	870.09513	0.00286	*
19	7	0	18	6	12	921.42420	0.00248	*
20	7	0	21	8	13	869.99639	0.00263	*
20	7	0	19	6	13	921.52402	0.00269	*
21	7	0	22	8	14	869.89819	0.00291	*
21	7	0	20	6	14	921.62410	0.00314	*
22	7	0	21	6	15	921.72337	0.00274	*
22	7	0	23	8	15	869.79919	0.00237	*
23	7	0	24	8	16	869.70099	0.00260	*
23	7	0	22	6	16	921.82292	0.00260	*
24	7	0	23	6	17	921.92246	0.00242	*
24	7	0	25	8	17	869.60252	0.00254	*
25	7	0	26	8	18	869.50378	0.00219	*
25	7	0	24	6	18	922.02228	0.00250	*
26	7	0	27	8	19	869.40585	0.00261	*
26	7	0	25	6	19	922.12209	0.00254	*
27	7	0	28	8	20	869.30739	0.00249	*
27	7	0	26	6	20	922.22163	0.00228	*
28	7	0	29	8	21	869.20919	0.00259	*
29	7	0	28	6	22	922.42126	0.00223	*
31	7	0	30	6	24	922.62062	0.00181	*
32	7	0	31	6	25	922.72043	0.00170	*
32	7	0	33	8	25	868.81612	0.00250	*
34	7	27	33	6	27	922.92006	0.00140	*
35	7	28	34	6	28	923.02041	0.00176	*
36	7	29	37	8	29	868.42252	0.00146	*
37	7	30	38	8	30	868.32432	0.00134	*
38	7	31	39	8	31	868.22585	0.00092	*
38	7	31	37	6	31	923.32039	0.00161	*
39	7	32	40	8	32	868.12684	-0.00006	*
39	7	32	38	6	32	923.42020	0.00134	*
40	7	33	41	8	33	868.02999	0.00109	*
40	7	33	39	6	33	923.52028	0.00132	*
41	7	34	42	8	34	867.93179	0.00087	*
41	7	34	40	6	34	923.61983	0.00074	*
42	7	35	43	8	35	867.83413	0.00116	*
42	7	35	41	6	35	923.72018	0.00095	*
43	7	36	44	8	36	867.73620	0.00115	*
43	7	36	42	6	36	923.82026	0.00086	*
44	7	37	45	8	37	867.63773	0.00058	*
44	7	37	43	6	37	923.92034	0.00076	*
45	7	38	46	8	38	867.54007	0.00079	*
45	7	38	44	6	38	924.02043	0.00065	*
46	7	39	47	8	39	867.44214	0.00071	*
46	7	39	45	6	39	924.12078	0.00079	*
47	7	40	46	6	40	924.22059	0.00036	*
48	7	41	47	6	41	924.32094	0.00046	*
49	7	42	48	6	42	924.42129	0.00055	*
49	7	42	50	8	42	867.14862	0.00057	*
50	7	43	51	8	43	867.05096	0.00065	*
50	7	43	49	6	43	924.52138	0.00036	*
51	7	44	52	8	44	866.95249	-0.00010	*
51	7	44	50	6	44	924.62173	0.00042	*
52	7	45	51	6	45	924.72154	-0.00008	*
52	7	45	53	8	45	866.85537	0.00047	*

53	7	46	54	8	46	866.75798	0.00074
53	7	46	52	6	46	924.82189	-0.00005
54	7	47	55	8	47	866.66031	0.00071
55	7	48	56	8	48	866.56212	0.00013
56	7	49	57	8	49	866.46472	0.00032
57	7	50	58	8	50	866.36733	0.00048
58	7	51	59	8	51	866.26913	-0.00018
59	7	52	60	8	52	866.17201	0.00021
59	7	52	58	6	52	925.42427	0.00019
60	7	53	59	6	53	925.52435	-0.00011
60	7	53	61	8	53	866.07462	0.00030
62	7	55	63	8	55	865.87930	-0.00014
62	7	55	61	6	55	925.72532	0.00007
63	7	56	62	6	56	925.82541	-0.00025
64	7	57	63	6	57	925.92576	-0.00031
66	7	59	65	6	59	926.12646	-0.00043
67	7	60	66	6	60	926.22681	-0.00050
68	7	61	67	6	61	926.32716	-0.00057
69	7	62	68	6	62	926.42751	-0.00063
70	7	63	69	6	63	926.52813	-0.00043
71	7	64	70	6	64	926.62849	-0.00048
72	7	65	71	6	65	926.72911	-0.00027
73	7	66	72	6	66	926.82946	-0.00033
74	7	67	73	6	67	926.92954	-0.00066
76	7	69	75	6	69	927.13024	-0.00074
77	7	70	76	6	70	927.23113	-0.00024
78	7	71	77	6	71	927.33148	-0.00026
79	7	72	78	6	72	927.43130	-0.00080
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8	8	0	9	9	0	867.66006	0.00164
8	8	0	7	7	0	923.57382	0.00182
9	8	1	8	7	1	923.67283	0.00156
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10	8	2	11	9	2	867.46259	0.00175
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11	8	3	12	9	3	867.36385	0.00177
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12	8	4	11	7	4	923.97092	0.00165
12	8	4	13	9	4	867.26538	0.00203
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13	8	5	12	7	5	924.07047	0.00180
14	8	6	13	7	6	924.16974	0.00165
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15	8	7	14	7	7	924.26929	0.00174
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16	8	8	17	9	8	866.87016	0.00152
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17	8	9	16	7	9	924.46784	0.00130
17	8	9	18	9	9	866.77143	0.00141
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19	8	11	20	9	11	866.57395	0.00109
19	8	11	18	7	11	924.66719	0.00153
20	8	12	21	9	12	866.47575	0.00144
20	8	12	19	7	12	924.76647	0.00121
21	8	13	20	7	13	924.86628	0.00139
21	8	13	22	9	13	866.37729	0.00151
22	8	14	23	9	14	866.27855	0.00127
23	8	15	24	9	15	866.18035	0.00156

24	8	16	25	9	16	866.08188	0.00154
25	8	17	26	9	17	865.98341	0.00151
25	8	17	24	7	17	925.26500	0.00131
26	8	18	25	7	18	925.36454	0.00108
27	8	19	26	7	19	925.46436	0.00111
28	8	20	27	7	20	925.56390	0.00083
29	8	21	28	7	21	925.66425	0.00133
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47	8	39	48	9	39	863.82276	0.00042
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50	8	42	49	7	42	927.76544	0.00020
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51	8	43	50	7	43	927.86579	0.00021
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56	8	48	55	7	48	928.36728	-0.00024
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64	9	55	65	10	55	858.62386	0.00026
65	9	56	66	10	56	858.52512	-0.00091
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27	10	17	28	11	17	858.69919	-0.00081
27	10	17	26	9	17	931.88281	-0.00021
28	10	18	29	11	18	858.60126	-0.00027
28	10	18	27	9	18	931.98235	-0.00049
29	10	19	28	9	19	932.08244	-0.00024
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31	10	21	30	9	21	932.28179	-0.00065
32	10	22	33	11	22	858.20793	0.00008
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45	10	35	46	11	35	856.93080	0.00006
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47	10	37	48	11	37	856.73387	-0.00072
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51	13	38	50	12	38	943.73800	0.00176
52	13	39	51	12	39	943.83781	0.00102
53	13	40	54	14	40	845.40546	0.00137
53	13	40	52	12	40	943.93870	0.00132
54	13	41	55	14	41	845.30699	0.00094

54	13	41	53	12	41	944.03959	0.00160	
55	13	42	56	14	42	845.20933	0.00128	
55	13	42	54	12	42	944.14021	0.00158	
56	13	43	55	12	43	944.24056	0.00125	
57	13	0	56	12	44	944.34226	0.00224	*
57	13	44	58	14	44	845.01293	0.00082	
58	13	45	57	12	45	944.44180	0.00105	
58	13	45	59	14	45	844.91500	0.00082	
59	13	46	58	12	46	944.54242	0.00090	
59	13	46	60	14	46	844.81707	0.00079	
60	13	47	61	14	47	844.71941	0.00100	
61	13	48	62	14	48	844.62094	0.00038	
62	13	49	63	14	49	844.52274	-0.00001	
63	13	50	64	14	50	844.42589	0.00093	
63	13	50	62	12	50	944.94598	0.00107	
64	13	51	65	14	51	844.32876	0.00156	
64	13	51	63	12	51	945.04579	-0.00005	
65	13	52	64	12	52	945.14722	0.00042	
65	13	52	66	14	52	844.23056	0.00109	
66	13	53	65	12	53	945.24838	0.00058	
66	13	53	67	14	53	844.13263	0.00086	
67	13	54	68	14	54	844.03470	0.00060	
67	13	54	66	12	54	945.34900	0.00018	
68	13	55	67	12	55	945.45043	0.00055	
68	13	55	69	14	55	843.93731	0.00085	
69	13	56	68	12	56	945.55159	0.00062	
69	13	56	70	14	56	843.83884	-0.00002	
70	13	57	69	12	57	945.65248	0.00039	
71	13	58	70	12	58	945.75390	0.00065	
72	13	59	71	12	59	945.85399	-0.00045	
73	13	60	72	12	60	945.95568	0.00002	
74	13	61	73	12	61	946.05630	-0.00062	
75	13	62	74	12	62	946.15773	-0.00048	
76	13	63	75	12	63	946.25916	-0.00037	
77	13	64	76	12	64	946.36032	-0.00057	
78	13	65	77	12	65	946.46094	-0.00135	
79	13	66	78	12	66	946.56236	-0.00135	
14	14	0	15	15	0	845.63468	-0.00059	
15	14	1	16	15	1	845.53594	-0.00050	
16	14	2	17	15	2	845.43801	0.00039	
17	14	3	18	15	3	845.33927	0.00045	
18	14	4	19	15	4	845.23973	-0.00030	
19	14	5	20	15	5	845.14045	-0.00081	
20	14	6	21	15	6	845.04252	0.00001	
20	14	6	19	13	6	943.73342	0.00151	
21	14	7	20	13	7	943.83243	0.00086	
21	14	7	22	15	7	844.94459	0.00082	
22	14	8	21	13	8	943.93117	-0.00008	
22	14	8	23	15	8	844.84559	0.00054	
23	14	9	24	15	9	844.74712	0.00078	
23	14	9	22	13	9	944.03152	0.00055	
24	14	10	23	13	10	944.13187	0.00115	
24	14	10	25	15	10	844.64946	0.00181	
25	14	11	26	15	11	844.54911	0.00013	
25	14	11	24	13	11	944.23115	0.00066	
26	14	12	25	13	12	944.33150	0.00120	
27	14	13	28	15	13	844.35271	0.00101	
27	14	13	26	13	13	944.43023	0.00009	
28	14	14	29	15	14	844.25424	0.00116	

28	14	14	27	13	14	944.53112	0.00111	
29	14	15	30	15	15	844.15496	0.00048	
29	14	15	28	13	15	944.63147	0.00157	
30	14	0	31	15	16	844.05757	0.00167	*
30	14	0	29	13	16	944.73183	0.00200	*
31	14	0	32	15	17	843.95937	0.00203	*
32	14	0	31	13	18	944.93226	0.00248	*
32	14	0	33	15	18	843.86117	0.00237	*
33	14	0	34	15	19	843.76244	0.00216	*
33	14	0	32	13	19	945.03180	0.00200	*
34	14	0	33	13	20	945.13135	0.00149	*
34	14	0	35	15	20	843.66478	0.00301	*
35	14	0	36	15	21	843.56604	0.00275	*
35	14	0	34	13	21	945.23278	0.00284	*
36	14	0	37	15	22	843.46811	0.00328	*
36	14	0	35	13	22	945.33340	0.00334	*
37	14	0	36	13	23	945.43348	0.00328	*
38	14	0	37	13	24	945.53410	0.00372	*
39	14	0	38	13	25	945.63472	0.00413	*
40	14	0	41	15	26	843.07504	0.00385	*
40	14	0	39	13	26	945.73507	0.00424	*
41	14	0	42	15	27	842.97711	0.00427	*
41	14	0	40	13	27	945.83542	0.00432	*
42	14	0	43	15	28	842.87864	0.00413	*
42	14	0	41	13	28	945.93604	0.00463	*
44	14	0	43	13	30	946.13701	0.00489	*
46	14	0	47	15	32	842.48585	0.00444	*
47	14	0	48	15	33	842.38926	0.00606	*
48	14	0	49	15	34	842.29080	0.00579	*
15	15	0	14	14	0	946.30516	0.00066	
15	15	0	16	16	0	841.91360	0.00125	
16	15	1	17	16	1	841.81379	0.00027	
16	15	1	15	14	1	946.40471	0.00068	
17	15	2	16	14	2	946.50398	0.00039	
17	15	2	18	16	2	841.71478	0.00008	
18	15	3	17	14	3	946.60326	0.00007	
18	15	3	19	16	3	841.61551	-0.00040	
19	15	4	18	14	4	946.70280	-0.00001	
19	15	4	20	16	4	841.51650	-0.00062	
20	15	5	21	16	5	841.41857	0.00021	
20	15	5	19	14	5	946.80181	-0.00066	
21	15	6	22	16	6	841.32064	0.00103	
21	15	6	20	14	6	946.90297	0.00081	
22	15	7	23	16	7	841.22137	0.00049	
22	15	7	21	14	7	947.00251	0.00063	
23	15	8	24	16	8	841.12236	0.00020	
23	15	8	22	14	8	947.10206	0.00043	
24	15	9	23	14	9	947.20214	0.00073	
24	15	9	25	16	9	841.02255	-0.00091	
25	15	10	24	14	10	947.30195	0.00072	
27	15	12	28	16	12	840.72768	0.00021	
27	15	12	26	14	12	947.50050	-0.00045	
28	15	13	29	16	13	840.62867	-0.00018	
28	15	13	27	14	13	947.60112	0.00026	
29	15	14	30	16	14	840.53128	0.00104	
29	15	14	28	14	14	947.70147	0.00066	
30	15	15	29	14	15	947.80129	0.00051	
32	15	17	31	14	17	948.00145	0.00062	
33	15	18	32	14	18	948.10180	0.00089	

34	15	19	33	14	19	948.20242	0.00140
37	15	22	36	14	22	948.50240	0.00085
38	15	23	37	14	23	948.60275	0.00096
39	15	24	38	14	24	948.70257	0.00050
40	15	25	39	14	25	948.80319	0.00081
41	15	26	40	14	26	948.90354	0.00081
16	16	0	15	15	0	949.44673	0.00088
17	16	1	16	15	1	949.54466	-0.00079
18	16	2	17	15	2	949.64609	0.00100
19	16	3	18	15	3	949.74563	0.00088
20	16	4	19	15	4	949.84437	-0.00008
21	16	5	20	15	5	949.94499	0.00080
22	16	6	21	15	6	950.04507	0.00112
23	16	7	22	15	7	950.14461	0.00086
24	16	8	23	15	8	950.24470	0.00111
25	16	9	24	15	9	950.34451	0.00105
26	16	10	25	15	10	950.44432	0.00096
27	16	11	26	15	11	950.54467	0.00137
28	16	12	27	15	12	950.64449	0.00122
29	16	13	28	15	13	950.74457	0.00129
31	16	15	30	15	15	950.94474	0.00134
32	16	16	31	15	16	951.04482	0.00131
33	16	17	32	15	17	951.14436	0.00070
34	16	18	33	15	18	951.24444	0.00059
35	16	19	34	15	19	951.34480	0.00073
36	16	20	35	15	20	951.44488	0.00055
37	16	21	36	15	21	951.54550	0.00087
38	16	22	37	15	22	951.64477	-0.00019
39	16	23	38	15	23	951.74459	-0.00074
40	16	24	39	15	24	951.84575	0.00001
42	16	26	41	15	26	952.04726	0.00058
43	16	27	42	15	27	952.14707	-0.00014
44	16	28	43	15	28	952.24769	-0.00008
45	16	29	44	15	29	952.34723	-0.00115
46	16	30	45	15	30	952.44812	-0.00090
18	17	1	17	16	1	952.65743	0.00030
19	17	2	18	16	2	952.75698	0.00013
20	17	3	19	16	3	952.85625	-0.00036
21	17	4	20	16	4	952.95580	-0.00060
22	17	5	21	16	5	953.05642	0.00019
23	17	6	22	16	6	953.15623	0.00013
25	17	8	24	16	8	953.35478	-0.00117
26	17	9	25	16	9	953.45513	-0.00080
27	17	10	26	16	10	953.55468	-0.00126
32	17	15	31	16	15	954.05563	-0.00097
33	17	16	32	16	16	954.15598	-0.00087
34	17	17	33	16	17	954.25579	-0.00135
35	17	18	34	16	18	954.35641	-0.00106
36	17	19	35	16	19	954.45569	-0.00215
37	17	20	36	16	20	954.55685	-0.00140
38	17	21	37	16	21	954.65720	-0.00151
39	17	22	38	16	22	954.75782	-0.00138
40	17	23	39	16	23	954.85844	-0.00130
42	17	25	41	16	25	955.05887	-0.00207
43	17	26	42	16	26	955.15923	-0.00238

* Not included in the fit