

Σ4-symmetriades in the range of primes until 1,000,000

Groups 709

Pairs 158 Ord#, P, and G - for a center of a symmetriad

Pair#	Positive							Negative						
	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
1	22722	258551	12	6	0	0	-6	19166	214463	6	-6	0	0	6
								47337	576683	6	-6	0	0	6
2	35457	420857	4	-38	2	-2	38							
3	48711	594827	4	-26	2	-2	26							
4	31407	368287	8	-24	2	-2	24							
5	61720	769799	10	-22	2	-2	22							
6	3720	34847	4	-20	2	-2	20							
	17563	194867	4	-20	2	-2	20							
	30678	358907	4	-20	2	-2	20							
	65576	822167	4	-20	2	-2	20							
	67969	854927	4	-20	2	-2	20							
7	25562	294317	4	-16	2	-2	16	45294	549623	16	16	-2	2	-16
	28752	334427	4	-16	2	-2	16							
	29690	346397	4	-16	2	-2	16							
8	1825	15647	4	-10	2	-2	10	27161	314527	14	10	-2	2	-10
	5253	51347	4	-10	2	-2	10	25406	292283	16	10	-2	2	-10
	14464	157277	4	-10	2	-2	10							
	34774	412037	4	-10	2	-2	10							
	40813	490577	4	-10	2	-2	10							
	64984	814067	4	-10	2	-2	10							
	1611	13627	8	-10	2	-2	10							
	21600	244597	8	-10	2	-2	10							
	30747	359761	8	-10	2	-2	10							
	55045	679837	8	-10	2	-2	10							
	68060	856147	8	-10	2	-2	10							
9	144	827	4	-8	2	-2	8	1266	10321	8	8	-2	2	-8
	10440	109847	4	-8	2	-2	8	10846	114679	8	8	-2	2	-8
	33253	392267	4	-8	2	-2	8	12070	128959	8	8	-2	2	-8
	37909	452537	4	-8	2	-2	8	12122	129517	8	8	-2	2	-8
	53835	663587	4	-8	2	-2	8	13158	141697	8	8	-2	2	-8
								13813	149551	8	8	-2	2	-8
								14831	161761	8	8	-2	2	-8
								18326	204319	8	8	-2	2	-8
								36371	432577	8	8	-2	2	-8
								68516	862249	8	8	-2	2	-8
								68629	863887	8	8	-2	2	-8
								70244	885811	8	8	-2	2	-8
								71158	898231	8	8	-2	2	-8
								73889	935707	8	8	-2	2	-8
								58591	727327	14	8	-2	2	-8
10								9674	101009	10	6	-2	2	-6
								28697	333701	10	6	-2	2	-6
								48120	586961	10	6	-2	2	-6
								65789	824921	10	6	-2	2	-6
								71082	897251	10	6	-2	2	-6

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
11								75066	952151	10	6	-2	2	-6
	5973	59077	8	-4	2	-2	4	771	5861	4	4	-2	2	-4
	6349	63361	8	-4	2	-2	4	4685	45131	4	4	-2	2	-4
	15726	172657	8	-4	2	-2	4	5262	51431	4	4	-2	2	-4
	44288	536227	8	-4	2	-2	4	5536	54413	4	4	-2	2	-4
	58488	726007	8	-4	2	-2	4	12219	130643	4	4	-2	2	-4
	77382	984421	8	-4	2	-2	4	20417	229763	4	4	-2	2	-4
	27372	317189	10	-4	2	-2	4	27714	321323	4	4	-2	2	-4
	30869	361541	10	-4	2	-2	4	63777	797561	4	4	-2	2	-4
	39271	470531	10	-4	2	-2	4	70063	883241	4	4	-2	2	-4
	4871	47237	16	-4	2	-2	4	4468	42727	8	4	-2	2	-4
	75473	958007	16	-4	2	-2	4	5209	50857	8	4	-2	2	-4
								6391	63727	8	4	-2	2	-4
								16723	184711	8	4	-2	2	-4
								21455	242797	8	4	-2	2	-4
								68367	860341	8	4	-2	2	-4
								23703	270689	10	4	-2	2	-4
								32043	376709	10	4	-2	2	-4
								5105	49711	14	4	-2	2	-4
12	187	1117	8	0	2	-2	0	39	167	4	0	-2	2	0
	2680	24091	8	0	2	-2	0	2275	20117	4	0	-2	2	0
	4899	47521	8	0	2	-2	0	12030	128477	4	0	-2	2	0
	11955	127657	8	0	2	-2	0	25817	297617	4	0	-2	2	0
	15129	165457	8	0	2	-2	0	26596	307277	4	0	-2	2	0
	20156	226657	8	0	2	-2	0	30008	350447	4	0	-2	2	0
	34734	411577	8	0	2	-2	0	30320	354317	4	0	-2	2	0
	41639	501217	8	0	2	-2	0	43931	531347	4	0	-2	2	0
	43601	526951	8	0	2	-2	0	48020	585737	4	0	-2	2	0
	47046	572821	8	0	2	-2	0	52813	649787	4	0	-2	2	0
	47472	578497	8	0	2	-2	0	64976	814007	4	0	-2	2	0
59960	746191	8	0	2	-2	0								
13	414	2851	8	2	2	-2	-2	14	43	2	-2	-2	2	2
	1724	14731	8	2	2	-2	-2	391	2689	2	-2	-2	2	2
	3038	27817	8	2	2	-2	-2	3784	35533	2	-2	-2	2	2
	4439	42451	8	2	2	-2	-2	4442	42463	2	-2	-2	2	2
	4863	47137	8	2	2	-2	-2	4608	44269	2	-2	-2	2	2
	7046	71161	8	2	2	-2	-2	5665	55819	2	-2	-2	2	2
	11139	118051	8	2	2	-2	-2	9029	93493	2	-2	-2	2	2
	12269	131311	8	2	2	-2	-2	11208	118903	2	-2	-2	2	2
	24027	274861	8	2	2	-2	-2	17890	198829	2	-2	-2	2	2
	29855	348451	8	2	2	-2	-2	19755	221719	2	-2	-2	2	2
	30937	362371	8	2	2	-2	-2	20763	234193	2	-2	-2	2	2
	36546	434821	8	2	2	-2	-2	27119	313993	2	-2	-2	2	2
	37337	444877	8	2	2	-2	-2	33365	393583	2	-2	-2	2	2
	43895	530851	8	2	2	-2	-2	46099	560239	2	-2	-2	2	2
	67216	844447	8	2	2	-2	-2	54297	669859	2	-2	-2	2	2
	71108	897571	8	2	2	-2	-2	2786	25247	4	-2	-2	2	2
	73405	929077	8	2	2	-2	-2	4380	41897	4	-2	-2	2	2
10892	115237	14	2	2	-2	-2	12695	136337	4	-2	-2	2	2	
63429	792907	14	2	2	-2	-2	24906	285767	4	-2	-2	2	2	
							30935	362357	4	-2	-2	2	2	

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1	
14								35350	419477	4	-2	-2	2	2	
								37339	444887	4	-2	-2	2	2	
								65827	825347	4	-2	-2	2	2	
								17714	196717	8	-2	-2	2	2	
								31152	365137	8	-2	-2	2	2	
								32127	377779	8	-2	-2	2	2	
								38359	458629	8	-2	-2	2	2	
								49887	610447	8	-2	-2	2	2	
								55232	682237	8	-2	-2	2	2	
		158	929	10	4	2	-2	-4	20363	229189	8	-4	-2	2	4
		31373	367841	10	4	2	-2	-4	52868	650599	8	-4	-2	2	4
		35416	420341	10	4	2	-2	-4							
		44737	542141	10	4	2	-2	-4							
		62865	785321	10	4	2	-2	-4							
	63816	798089	10	4	2	-2	-4								
	77287	983141	10	4	2	-2	-4								
	1604	13553	16	4	2	-2	-4								
	36182	430319	16	4	2	-2	-4								
	66824	839051	22	4	2	-2	-4								
15								4274	40823	4	-6	-2	2	6	
								7961	81353	4	-6	-2	2	6	
								18126	201791	4	-6	-2	2	6	
								23180	264353	4	-6	-2	2	6	
								27094	313721	4	-6	-2	2	6	
								29173	339821	4	-6	-2	2	6	
								31240	366221	4	-6	-2	2	6	
								57145	707933	4	-6	-2	2	6	
								58948	732191	4	-6	-2	2	6	
								59485	739373	4	-6	-2	2	6	
								68776	865751	4	-6	-2	2	6	
								69166	870911	4	-6	-2	2	6	
16	7162	72367	14	8	2	-2	-8	4820	46643	4	-8	-2	2	8	
	39169	469267	14	8	2	-2	-8	8795	90911	4	-8	-2	2	8	
	41860	504337	14	8	2	-2	-8	18425	205487	4	-8	-2	2	8	
	68023	855697	14	8	2	-2	-8	20063	225503	4	-8	-2	2	8	
	56335	697049	16	8	2	-2	-8	46084	560117	4	-8	-2	2	8	
	64723	810473	16	8	2	-2	-8	67653	850397	4	-8	-2	2	8	
	70989	895861	20	8	2	-2	-8	71563	904097	4	-8	-2	2	8	
								74444	943367	4	-8	-2	2	8	
								46062	559849	8	-8	-2	2	8	
17	77220	982133	16	10	2	-2	-10	65	313	2	-10	-2	2	10	
	77449	985433	16	10	2	-2	-10	149	859	2	-10	-2	2	10	
	67675	850781	28	10	2	-2	-10	1041	8293	2	-10	-2	2	10	
								12703	136399	2	-10	-2	2	10	
								29445	343309	2	-10	-2	2	10	
								33321	393079	2	-10	-2	2	10	
								44863	543793	2	-10	-2	2	10	
								54674	674833	2	-10	-2	2	10	
								58440	725323	2	-10	-2	2	10	
								75163	953503	2	-10	-2	2	10	
18							10883	115127	4	-12	-2	2	12		

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
								37164	442831	2	0	-4	4	0
								40192	482401	2	0	-4	4	0
								44294	536281	2	0	-4	4	0
								53028	652741	2	0	-4	4	0
32	7665	78031	14	2	4	-4	-2	2453	21863	4	-2	-4	4	2
	17394	192781	14	2	4	-4	-2	10472	110273	4	-2	-4	4	2
	45783	556243	14	2	4	-4	-2	30521	356981	4	-2	-4	4	2
	52646	647641	14	2	4	-4	-2	31618	371303	4	-2	-4	4	2
	53766	662671	14	2	4	-4	-2	52295	643043	4	-2	-4	4	2
	74254	940903	14	2	4	-4	-2	59195	735443	4	-2	-4	4	2
33	25998	300007	14	4	4	-4	-4	11421	121351	2	-4	-4	4	4
	30359	354779	16	4	4	-4	-4	25442	292711	2	-4	-4	4	4
	39411	472289	16	4	4	-4	-4	38395	459031	2	-4	-4	4	4
								63383	792301	2	-4	-4	4	4
								73116	925081	2	-4	-4	4	4
								48538	592601	4	-4	-4	4	4
								77957	992441	4	-4	-4	4	4
34								10378	109141	2	-6	-4	4	6
								12183	130261	2	-6	-4	4	6
								16360	180241	2	-6	-4	4	6
								41940	505321	2	-6	-4	4	6
								43823	529981	2	-6	-4	4	6
								77925	991981	2	-6	-4	4	6
35	8129	83257	14	8	4	-4	-8							
	61731	769987	14	8	4	-4	-8							
	72728	919927	14	8	4	-4	-8							
36	14747	160739	16	10	4	-4	-10	48782	595711	2	-10	-4	4	10
	25361	291677	16	10	4	-4	-10	74151	939443	4	-10	-4	4	10
	27227	315437	16	10	4	-4	-10							
	27188	314879	28	10	4	-4	-10							
37								61462	766321	8	-12	-4	4	12
38								52358	643961	4	-14	-4	4	14
								60385	751913	4	-14	-4	4	14
39	21561	244199	22	16	4	-4	-16	13691	148201	2	-16	-4	4	16
	28230	327779	22	16	4	-4	-16	71522	903451	2	-16	-4	4	16
	62177	776099	22	16	4	-4	-16							
40								66553	835321	2	-36	-4	4	36
41	20105	226001	12	0	6	-6	0	21829	247439	6	0	-6	6	0
	35628	423121	12	0	6	-6	0	66007	827809	6	0	-6	6	0
42	58430	725159	10	-26	8	-8	26							
43	47646	580807	14	-18	8	-8	18							
44								22628	257381	10	16	-8	8	-16
								24325	278591	10	16	-8	8	-16
45	34028	402341	10	-14	8	-8	14							
	46519	565919	10	-14	8	-8	14							
46	55981	692347	14	-12	8	-8	12							
47	69207	871613	16	-10	8	-8	10	472	3347	4	10	-8	8	-10
								3684	34487	4	10	-8	8	-10
								29464	343547	4	10	-8	8	-10
								50320	616157	4	10	-8	8	-10
								52784	649487	4	10	-8	8	-10

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
								66756	838157	4	10	-8	8	-10
								11438	121531	8	10	-8	8	-10
								19300	216157	8	10	-8	8	-10
48								33133	390791	10	6	-8	8	-6
								39859	478139	10	6	-8	8	-6
49	35	149	10	-4	8	-8	4	1436	11971	2	4	-8	8	-4
	173	1031	10	-4	8	-8	4	18589	207481	2	4	-8	8	-4
	2054	17921	10	-4	8	-8	4	53459	658591	2	4	-8	8	-4
	4187	39839	10	-4	8	-8	4	66968	841081	2	4	-8	8	-4
	8510	87641	10	-4	8	-8	4	69802	879691	2	4	-8	8	-4
	9350	97169	10	-4	8	-8	4	3880	36587	4	4	-8	8	-4
	16430	181211	10	-4	8	-8	4	14413	156707	4	4	-8	8	-4
	18682	208511	10	-4	8	-8	4	21360	241667	4	4	-8	8	-4
	24088	275591	10	-4	8	-8	4	41187	495437	4	4	-8	8	-4
	26685	308519	10	-4	8	-8	4							
	36150	429899	10	-4	8	-8	4							
	58754	729569	10	-4	8	-8	4							
	59687	742211	10	-4	8	-8	4							
	64430	806381	10	-4	8	-8	4							
	64559	808361	10	-4	8	-8	4							
	76008	965189	10	-4	8	-8	4							
	19661	220573	14	-4	8	-8	4							
60737	756703	14	-4	8	-8	4								
61557	767617	14	-4	8	-8	4								
63379	792277	14	-4	8	-8	4								
55252	682463	16	-4	8	-8	4								
50	21114	238673	16	-2	8	-8	2	800	6133	2	2	-8	8	-2
	21271	240623	16	-2	8	-8	2	11382	120919	2	2	-8	8	-2
	41007	493193	16	-2	8	-8	2	68631	863899	2	2	-8	8	-2
	57009	706133	16	-2	8	-8	2							
51	2223	19597	14	0	8	-8	0	55431	684977	4	0	-8	8	0
	27964	324517	14	0	8	-8	0							
	74980	950947	14	0	8	-8	0							
	77854	991057	14	0	8	-8	0							
52	351	2371	14	2	8	-8	-2							
	4356	41641	14	2	8	-8	-2							
	9539	99391	14	2	8	-8	-2							
	9830	102667	14	2	8	-8	-2							
	11707	124693	14	2	8	-8	-2							
	24453	280243	14	2	8	-8	-2							
	32672	384841	14	2	8	-8	-2							
	33703	398053	14	2	8	-8	-2							
	37109	442171	14	2	8	-8	-2							
	56489	699211	14	2	8	-8	-2							
	76927	978031	14	2	8	-8	-2							
4424	42323	16	2	8	-8	-2								
21948	248813	16	2	8	-8	-2								
77377	984383	16	2	8	-8	-2								
53								5303	51829	2	-4	-8	8	4
								15227	166669	2	-4	-8	8	4
								18401	205213	2	-4	-8	8	4

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
								25864	298213	2	-4	-8	8	4
								76308	969433	2	-4	-8	8	4
54	6945	70099	20	6	8	-8	-6							
	49047	599341	20	6	8	-8	-6							
	46819	569983	26	6	8	-8	-6							
55								33151	391021	2	-8	-8	8	8
								65632	822793	2	-8	-8	8	8
56	5874	58013	22	10	8	-8	-10							
57								64342	805249	8	14	-10	10	-14
								64564	808399	8	14	-10	10	-14
								73246	926777	10	14	-10	10	-14
58								44269	535999	8	12	-10	10	-12
59	70443	888427	14	-8	10	-10	8	6618	66361	2	8	-10	10	-8
	21419	242393	16	-8	10	-10	8	47098	573511	2	8	-10	10	-8
	32892	387743	16	-8	10	-10	8	62745	783721	2	8	-10	10	-8
								71607	904681	2	8	-10	10	-8
								37498	447197	4	8	-10	10	-8
								44967	545239	8	8	-10	10	-8
								45265	549229	8	8	-10	10	-8
60								52681	648061	2	6	-10	10	-6
								70077	883411	2	6	-10	10	-6
								11758	125269	8	6	-10	10	-6
61	435	3037	14	-4	10	-10	4	43286	522857	4	4	-10	10	-4
	8380	86197	14	-4	10	-10	4	44136	534077	4	4	-10	10	-4
	18138	201907	14	-4	10	-10	4							
	18818	210127	14	-4	10	-10	4							
	52993	652357	14	-4	10	-10	4							
62	4577	43987	14	-2	10	-10	2	23977	274201	2	2	-10	10	-2
	6199	61627	14	-2	10	-10	2	74132	939181	2	2	-10	10	-2
	6769	67957	14	-2	10	-10	2	12431	133187	4	2	-10	10	-2
	8642	89227	14	-2	10	-10	2	45826	556727	4	2	-10	10	-2
	49120	600307	14	-2	10	-10	2	52308	643217	4	2	-10	10	-2
	74944	950497	14	-2	10	-10	2							
	4939	47933	16	-2	10	-10	2							
	21598	244583	16	-2	10	-10	2							
	51971	638453	16	-2	10	-10	2							
	52932	651503	16	-2	10	-10	2							
	62609	781883	16	-2	10	-10	2							
	21533	243829	20	-2	10	-10	2							
63	151	877	14	2	10	-10	-2	64248	804077	4	-2	-10	10	2
	27045	313147	14	2	10	-10	-2							
	35904	426757	14	2	10	-10	-2							
	38816	464767	14	2	10	-10	-2							
	48589	593227	14	2	10	-10	-2							
	63589	795097	14	2	10	-10	-2							
	39071	468049	20	2	10	-10	-2							
64	1323	10883	16	4	10	-10	-4	34286	405767	4	-4	-10	10	4
	3529	32933	16	4	10	-10	-4							
	5056	49193	16	4	10	-10	-4							
65								13712	148471	2	-6	-10	10	6
66	12195	130399	20	8	10	-10	-8							

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
	39672	475669	20	8	10	-10	-8							
	49942	611101	20	8	10	-10	-8							
	51288	629371	20	8	10	-10	-8							
	51710	634891	20	8	10	-10	-8							
	52338	643681	20	8	10	-10	-8							
	65712	823819	20	8	10	-10	-8							
67	75132	953023	26	14	10	-10	-14							
68	5927	58567	18	0	12	-12	0							
	8989	93077	18	0	12	-12	0							
	21486	243227	18	0	12	-12	0							
	37190	443147	18	0	12	-12	0							
	38610	462097	18	0	12	-12	0							
	50070	612841	18	0	12	-12	0							
	72006	909761	18	0	12	-12	0							
	73262	927001	18	0	12	-12	0							
69								42020	506393	12	18	-12	12	-18
70	7878	80489	16	-20	14	-14	20							
	25909	298817	16	-20	14	-14	20							
	65890	826169	16	-20	14	-14	20							
71	43693	528217	20	-18	14	-14	18							
72	26768	309539	16	-16	14	-14	16	13507	145991	4	16	-14	14	-16
	75732	961547	16	-16	14	-14	16	14945	163151	4	16	-14	14	-16
								17697	196523	4	16	-14	14	-16
								75513	958523	4	16	-14	14	-16
								33946	401209	8	16	-14	14	-16
73	2478	22109	16	-10	14	-14	10	32097	377371	2	10	-14	14	-10
	16495	182027	16	-10	14	-14	10	33100	390391	2	10	-14	14	-10
	35189	417509	16	-10	14	-14	10	4999	48593	4	10	-14	14	-10
	45206	548519	16	-10	14	-14	10	20017	224951	4	10	-14	14	-10
								74210	940301	4	10	-14	14	-10
74	9497	98927	16	-8	14	-14	8							
	10407	109469	16	-8	14	-14	8							
	25974	299699	16	-8	14	-14	8							
	34030	402359	16	-8	14	-14	8							
	37477	446909	16	-8	14	-14	8							
	46865	570527	16	-8	14	-14	8							
	48208	587987	16	-8	14	-14	8							
	67059	842339	16	-8	14	-14	8							
	71972	909317	16	-8	14	-14	8							
75	22816	259717	20	-4	14	-14	4	27610	320011	2	4	-14	14	-4
	26526	306457	20	-4	14	-14	4							
	50165	614093	22	-4	14	-14	4							
76								12354	132331	2	2	-14	14	-2
77	1036	8263	20	2	14	-14	-2	38897	465743	4	-2	-14	14	2
	31956	375553	20	2	14	-14	-2							
	44777	542713	20	2	14	-14	-2							
	11573	123113	22	2	14	-14	-2							
	27858	323123	22	2	14	-14	-2							
	63017	787469	22	2	14	-14	-2							
	11071	117307	26	2	14	-14	-2							
78	32483	382541	22	4	14	-14	-4							

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
	47316	576461	22	4	14	-14	-4							
	60383	751901	22	4	14	-14	-4							
79	39100	468421	32	6	14	-14	-6							
80	29322	341729	28	8	14	-14	-8							
81	14592	158909	28	10	14	-14	-10							
	33318	393059	28	10	14	-14	-10							
82	22830	259907	40	22	14	-14	-22							
83								43227	522127	14	26	-16	16	-26
84								39934	478999	8	20	-16	16	-20
85								8520	87721	2	14	-16	16	-14
								60677	755791	2	14	-16	16	-14
								7306	74051	4	14	-16	16	-14
								55308	683381	4	14	-16	16	-14
86								27618	320083	2	12	-16	16	-12
87								67934	854387	4	10	-16	16	-10
								77386	984461	4	10	-16	16	-10
88	25374	291853	20	-8	16	-16	8	5804	57223	2	8	-16	16	-8
	62735	783641	22	-8	16	-16	8	49103	600073	2	8	-16	16	-8
89	46420	564643	26	-4	16	-16	4							
90	2548	22807	20	-2	16	-16	2	17951	199603	2	2	-16	16	-2
	43986	532183	20	-2	16	-16	2	45292	549589	2	2	-16	16	-2
	54471	672127	20	-2	16	-16	2							
	58343	723997	20	-2	16	-16	2							
91	6366	63521	22	0	16	-16	0							
	51662	634301	22	0	16	-16	0							
	57125	707711	22	0	16	-16	0							
	73585	931691	34	0	16	-16	0							
92	1278	10453	20	2	16	-16	-2							
	4921	47737	20	2	16	-16	-2							
	22327	253633	20	2	16	-16	-2							
	40010	480043	20	2	16	-16	-2							
	56574	700387	20	2	16	-16	-2							
93	722	5471	22	4	16	-16	-4							
	1626	13751	22	4	16	-16	-4							
	3806	35831	22	4	16	-16	-4							
	4788	46301	22	4	16	-16	-4							
	66195	830441	22	4	16	-16	-4							
	9230	95773	26	4	16	-16	-4							
	12839	137983	26	4	16	-16	-4							
	40481	486433	26	4	16	-16	-4							
	40904	491773	26	4	16	-16	-4							
	44657	541181	28	4	16	-16	-4							
94	10410	109507	26	8	16	-16	-8							
	57281	709729	26	8	16	-16	-8							
95	32386	381209	28	10	16	-16	-10							
	43135	521009	28	10	16	-16	-10							
	74729	947483	34	10	16	-16	-10							
96	58761	729637	24	0	18	-18	0							
	63214	790087	24	0	18	-18	0							
	59766	743251	30	6	18	-18	-6							
97								41418	498497	4	22	-20	20	-22

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
								43763	529157	4	22	-20	20	-22
98								17806	197807	4	18	-20	20	-18
99								2250	19891	2	16	-20	20	-16
								49846	609781	2	16	-20	20	-16
								76943	978181	2	16	-20	20	-16
								68436	861167	4	16	-20	20	-16
100	28431	330311	22	-14	20	-20	14							
101	40843	490991	22	-8	20	-20	8	73057	924361	2	8	-20	20	-8
102	41474	499181	22	-4	20	-20	4							
	16255	179083	26	-4	20	-20	4							
	33777	398969	28	-4	20	-20	4							
103	1171	9461	22	-2	20	-20	2							
	13089	140891	22	-2	20	-20	2							
	31261	366461	22	-2	20	-20	2							
	51249	628781	22	-2	20	-20	2							
	71816	907391	22	-2	20	-20	2							
	74019	937661	22	-2	20	-20	2							
	75653	960521	22	-2	20	-20	2							
	61406	765613	26	2	20	-20	-2							
	65830	825389	28	2	20	-20	-2							
104	4169	39659	28	4	20	-20	-4							
105								60554	754183	2	20	-22	22	-20
								67072	842449	2	20	-22	22	-20
106	28728	334127	28	-18	22	-22	18	56534	699793	2	18	-22	22	-18
107								42766	516323	4	16	-22	22	-16
108								36645	435949	2	14	-22	22	-14
								74028	937751	4	14	-22	22	-14
109	6419	64063	26	-10	22	-22	10							
	6527	65353	26	-10	22	-22	10							
110	54990	679153	26	-8	22	-22	8							
	12822	137771	28	-8	22	-22	8							
	22954	261557	28	-8	22	-22	8							
	25096	288461	28	-8	22	-22	8							
	72735	920011	32	-8	22	-22	8							
111	44364	537067	26	-4	22	-22	4							
	57346	710557	26	-4	22	-22	4							
	57796	716659	26	-4	22	-22	4							
	60711	756319	26	-4	22	-22	4							
	72984	923437	26	-4	22	-22	4							
	72993	923539	26	-4	22	-22	4							
	19255	215563	32	-4	22	-22	4							
112	66461	833923	26	-2	22	-22	2							
113	69730	878777	28	0	22	-22	0							
114	9525	99223	32	2	22	-22	-2							
	23012	262303	32	2	22	-22	-2							
	50358	616579	32	2	22	-22	-2							
115	61742	770101	32	8	22	-22	-8							
116	44261	535919	40	16	22	-22	-16							
117	18021	200437	30	-12	24	-24	12							
118								1650	13967	4	28	-26	26	-28
119								7844	80111	4	24	-26	26	-24

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
120								58735	729331	2	20	-26	26	-20
121	47719	581729	28	-10	26	-26	10							
	58551	726839	28	-10	26	-26	10							
	19303	216211	32	-10	26	-26	10							
122	5704	56237	28	-8	26	-26	8							
	10383	109199	28	-8	26	-26	8							
	75275	955091	28	-8	26	-26	8							
123	1117	8999	28	-4	26	-26	4							
	51691	634679	28	-4	26	-26	4							
	71931	908849	28	-4	26	-26	4							
	74917	950149	38	-4	26	-26	4							
124	8087	82757	28	-2	26	-26	2							
	32978	388931	28	-2	26	-26	2							
	35279	418631	28	-2	26	-26	2							
125	29560	344791	32	2	26	-26	-2							
	33079	390151	32	2	26	-26	-2							
126	6455	64553	40	4	26	-26	-4							
127	35971	427579	38	6	26	-26	-6							
128	62916	786001	38	8	26	-26	-8							
	39148	468953	40	8	26	-26	-8							
129								8757	90439	2	26	-28	28	-26
130								44049	532951	2	18	-28	28	-18
131	3506	32687	34	-8	28	-28	8							
	6132	60859	38	-8	28	-28	8							
132	67534	848839	32	-2	28	-28	2							
	75828	962779	32	-2	28	-28	2							
133	7258	73517	34	0	28	-28	0							
134	9797	102293	34	4	28	-28	-4							
	35762	424811	34	4	28	-28	-4							
	56982	705821	34	4	28	-28	-4							
	66367	832673	34	4	28	-28	-4							
	66752	838133	34	4	28	-28	-4							
135	47879	583841	40	6	28	-28	-6							
	58471	725789	40	6	28	-28	-6							
136	9856	103043	36	-12	30	-30	12							
137	17368	192497	34	-28	32	-32	28							
138	10318	108497	34	-2	32	-32	2							
	24251	277637	34	-2	32	-32	2							
	42873	517547	34	-2	32	-32	2							
	71368	901247	34	-2	32	-32	2							
	18042	200771	40	-2	32	-32	2							
139	76388	970537	44	0	32	-32	0							
140	39877	478391	40	4	32	-32	-4							
141	45665	554569	38	-20	34	-34	20							
142	34323	406309	38	-10	34	-34	10							
143	35594	422749	38	-2	34	-34	2							
	46248	562399	38	-2	34	-34	2							
	70362	887377	44	-2	34	-34	2							
144	27039	313081	44	-16	38	-38	16							
145	15234	166781	40	-14	38	-38	14							
146	11535	122651	40	-8	38	-38	8							

Pair#	Ord#	P	G	+V1	+V	-V	-V1	Ord#	P	G	+V1	+V	-V	-V1
147	15284	167309	40	-4	38	-38	4							
	27151	314399	40	-4	38	-38	4							
148	6105	60589	50	6	38	-38	-6							
149	14052	152363	52	10	38	-38	-10							
	65967	827213	52	10	38	-38	-10							
150	12056	128813	46	-6	40	-40	6							
151	62297	777731	48	0	42	-42	0							
152	56063	693487	50	-4	44	-44	4							
153	5996	59333	52	-2	44	-44	2							
154	58347	724079	58	8	44	-44	-8							
155								38325	458123	4	44	-46	46	-44
156	20037	225217	50	2	46	-46	-2							
	76697	974707	50	2	46	-46	-2							
157	14113	153059	58	4	50	-50	-4							
158	12543	134581	68	2	62	-62	-2							