Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M5_1$	3.1772932786	0.0490630423	Z/4+Z	D2	0.30	c	39	ffdaabcdeeeaaaabg
$M5_2$	3.1772932786	0.2009369577	Z/8+Z	D2	0.30	c	40	ffdaabcdeeeaaaarw
$M5_3$	3.2770621851	0.0554164577	Z	Z/2	0.25	c	47	fgfaabcbeeeaabbgk
$M5_4$	3.3002176285	0.1374572204	Z	Z/2	0.22	c	49	fgfaabcbeeeaabbsg
$M5_5$	3.3566928451	0.0977200040	Z/11+Z	D2	0.20	c	58	fjkaaabddeefhgvxf
$M5_6$	3.3566928451	0.1522799960	Z/3+Z	D2	0.20	c	59	fbhaabcedeeukante
$M5_7$	3.3667294205	0.0017523280	Z/9+Z	D2	0.19	c	61	fdjaabaddeeafnkak
$M5_8$	3.3667294205	0.2482476720	Z/7+Z	D2	0.19	c	62	fdjaabadeeeafnqha
$M5_9$	3.3945405171	0.2451643538	Z/11+Z	D2	0.17	c	66	ffjaabaddeeafbgqg
$M5_{10}$	3.3945405171	0.0048356462	Z/5+Z	D2	0.17	c	67	ffjaabadeeeafbaqh
$M5_{11}$	3.4179148372	0.1517274811	Z	Z/2	0.16	c	71	fgjaabaceeeafanko
$M5_{12}$	3.4245035088	0.0677131860	Z	Z/2	0.15	c	72	fgfaabcbeeeaabsnk
$M5_{13}$	3.4272052463	0.0278668792	Z/13+Z	D2	0.15	c	73	fjkaaabddeefasnxb
$M5_{14}$	3.4272052463	0.2221331208	Z	D2	0.15	c	74	fdkaaabdeeefanmmq
$M5_{15}$	3.4395928893	0.0068513241	Z/13+Z	D2	0.14	c	76	ffjaabaddeeafbkqo
$M5_{16}$	3.4395928893	0.2431486759	Z/3+Z	D2	0.14	c	77	ffjaabadeeeafbeqp
$M5_{17}$	3.4606758475	0.0909823056	Z	Z/2	0.37	c	78	ffdaabcdeeeqqqqnf
$M5_{18}$	3.4636885562	0.1949064207	Z/14+Z	D2	0.13	c	79	fjkaaabddeefhvoxg
$M5_{19}$	3.4636885562	0.0550935793	Z/2+Z	D2	0.13	c	80	fdkaaabdeeefhoppq
$M5_{20}$	3.4744027756	0.2415266736	Z	Z/2	0.12	c	83	fgjaaabceeebqqngk
$M5_{21}$	3.4761739892	0.1731802864	Z/12+Z	D2	0.12	c	84	fdkaaabddeefhofhf
$M5_{22}$	3.4761739892	0.0768197136	Z/8+Z	D2	0.12	c	85	fdkaaabdeeefhoqah
$M5_{23}$	3.4819708961	0.1753430877	Z	Z/2	0.11	c	87	fgjaaabceeebqqjnk
$M5_{24}$	3.4838985783	0.0723718947	Z/13+Z	D2	0.11	c	89	ffkaaabddeefhgbqb
$M5_{25}$	3.4838985783	0.1776281053	Z/7+Z	D2	0.11	c	90	ffkaaabdeeefhghaq
$M5_{26}$	3.4866601463	0.2422925523	Z/15+Z	D2	0.11	c	93	fdjaabaddeeafngaf
$M5_{27}$	3.4866601463	0.0077074477	Z	D2	0.11	c	94	fdjaabadeeeafnmda
$M5_{28}$	3.4898701680	0.1881613817	Z	Z/2	0.11	c	95	fgkaaabceeefaqfob
$M5_{29}$	3.4971332878	0.1048203810	Z	Z/2	0.10	c	96	fgkaaabceeefaqvof
$M5_{30}$	3.5089171871	0.0967643058	Z/5+Z	Z/2	0.10	c	98	fgkaaabceeefaqgbf
$M5_{31}$	3.5140829125	0.1802356675	Z	Z/2	0.09	c	99	fgkaaabceeefaqgvb
$M5_{32}$	3.5264488315	0.1433223790	Z	Z/2	0.09	c	102	fgkaaabceeefhqkng
$M5_{33}$	3.5285094967	0.1677228454	Z	Z/2	0.09	c	103	fgjaaabceeebqqbng
$M5_{34}$	3.5302596475	0.1703513225	Z/17+Z	D2	0.09	c	104	ffkaaabddeefhgfqn
$M5_{35}$	3.5302596475	0.0796486775	Z/3+Z	D2	0.09	c	105	ffkaaabdeeefhglmq
$M5_{36}$	3.5309536425	0.2266192892	Z	Z/2	0.08	c	106	fgkaaabceeefhqsnk
$M5_{37}$	3.5313283299	0.2487645790	Z	Z/2	0.08	c	108	fgjaaabceeebqqbgj
$M5_{38}$	3.5423950184	0.0701491295	Z/18+Z	D2	0.08	c	110	fdkaaabddeefhobhk
$M5_{39}$	3.5423950184	0.1798508705	Z/2+Z	D2	0.08	c	111	fdkaaabdeeefhopih
$M5_{40}$	3.5514038740	0.2327070188	Z	Z/2	0.07	c	112	fgkaaabceeefhqbgk
$M5_{41}$	3.5538796551	0.1492783218	Z	Z/2	0.07	c	113	fgkaaabceeefhqbsg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M5_{42}$	3.5817073256	0.2154403276	Z	Z/2	0.31	c	115	fapaaceeddebbfobb
$M5_{43}$	3.6455782962	0.0584854800	Z	Z/2	0.48	c	120	fddaabcedeeqqmpnf
$M5_{44}$	3.6486886444	0.1516108034	Z	Z/2	0.27	c	121	fjkaaabddeefaknxb
$M5_{45}$	3.6532457406	0.1905293009	Z/7+Z	Z/2	0.26	c	122	fgfaabcbeeeaabsgk
$M5_{46}$	3.6532457406	0.0238626342	Z	Z/2	0.26	c	123	fgfaabcbeeeaabksg
$M5_{47}$	3.6638623767	0.0416666667	Z/2+Z	D2	0.93	c	140	fbhaabecedehhoqoq
$M5_{48}$	3.6638623767	0.0416666667	Z/6+Z	D2	0.48	c	139	fcnaabbddeeabonan
$M5_{49}$	3.7199776543	0.1826365875	Z	Z/2	0.22	c	143	fjkaaabddeefhvoxf
$M5_{50}$	3.7202985563	0.1227332121	Z	Z/2	0.21	c	144	ffjaabaddeeafbkqg
$M5_{51}$	3.7598750753	0.1311447546	Z/3+Z	Z/2	0.19	c	150	fdjaabaddeeafnkaf
$M5_{52}$	3.7748248708	0.0014426100	Z	Z/2	0.39	c	151	fioaaaccdeefknaqo
$M5_{53}$	3.7911277160	0.2409113654	Z	Z/2	0.39	c	155	ffdaabcddeeqqqmbb
$M5_{54}$	3.8019087642	0.1625498442	Z	Z/2	0.38	c	157	fioaaaccdeenknaqo
$M5_{55}$	3.8216875862	0.1914927999	Z/2+Z	Z/2	0.36	c	161	fjdaabccdeeqqfaaf
$M5_{56}$	3.8240462358	0.1791178211	Z	Z/2	0.37	c	162	feoaaacdeeefkhhfo
$M5_{57}$	3.8285694584	0.0585534060	Z	Z/2	0.15	c	163	fgkaaabceeefaqfvb
$M5_{58}$	3.8285694584	0.2252200727	Z	Z/2	0.15	c	164	fgkaaabceeefaqvbf
$M5_{59}$	3.8405838602	0.1281959646	Z	Z/2	0.14	c	165	fgjaaabceeebqqngj
$M5_{60}$	3.8405838602	0.2051373687	Z	Z/2	0.14	c	166	fgjaaabceeebqqjng
$M5_{61}$	3.8461746635	0.2023625535	Z	Z/2	0.13	c	167	ffkaaabddeefhgfqb
$M5_{62}$	3.8534559014	0.1712049796	Z/2+Z	Z/2	0.76	c	168	fclaabddeeedssdlx
$M5_{63}$	3.8573361278	0.1966192514	Z/3+Z	Z/2	0.13	c	169	fdkaaabddeefhofhk
$M5_{64}$	3.8807683977	0.0492627008	Z	Z/2	0.35	c	171	filaaaccdeefrnxab
$M5_{65}$	3.8852713430	0.2278876235	Z/7+Z	Z/2	0.11	c	172	fgkaaabceeefhqksg
$M5_{66}$	3.8852713430	0.1054457099	Z	Z/2	0.11	c	173	fgkaaabceeefhqsgk
$M5_{67}$	3.8932086070	0.0165777299	Z	Z/2	0.34	c	175	feoaaacdeeenkhhfo
$M5_{68}$	3.9254753156	0.2248193877	Z/2+Z	Z/2	0.32	c	179	fihaabcdceepbbbqo
$M5_{69}$	3.9271992400	0.2031637686	Z/3+Z	Z/2	0.30	c	181	filaaaccdeeffraaf
$M5_{70}$	3.9394963740	0.0120763046	Z	Z/2	0.31	c	182	fioaaaccdeenkoaaf
$M5_{71}$	3.9508185404	0.0376018695	Z	Z/2	0.30	c	183	fjdaabccdeeaasqhg
$M5_{72}$	3.9513848875	0.2308938009	Z/7+Z	Z/2	0.36	c	184	finaabbddeeabfwab
$M5_{73}$	3.9638021656	0.2127496857	Z/3+Z	Z/2	0.30	c	186	fdkaaabddeefhbfhf
$M5_{74}$	3.9702896239	0.1799564429	Z/2+Z	Z/2	0.64	c	188	fbhaabdeedeqvxifd
$M5_{75}$	4.0039791545	0.2328688132	Z	Z/2	0.49	c	189	filaaaccdeefrnxhg
$M5_{76}$	4.0048555781	0.0721805731	Z	Z/2	0.34	c	190	finaabbddeeabfwak
$M5_{77}$	4.0068478978	0.0540839648	Z	Z/2	0.25	c	191	ffjaabaddeeafskqo
$M5_{78}$	4.0132993744	0.1206811948	Z	Z/2	0.26	c	192	fapaacdeeedbonwgg
$M5_{79}$	4.0230427436	0.1529842617	Z	Z/2	0.26	c	193	fioaaaccdeefkoaaf
$M5_{80}$	4.0261201267	0.1061175518	Z	Z/2	0.35	c	194	fioaaaccdeenknaaf
$M5_{81}$	4.0280030440	0.0468042332	Z	Z/2	0.43	c	195	fffaabcddeehhhtff
$M5_{82}$	4.0343479179	0.0872803193	Z	Z/2	0.32	c	196	ffjaabaddeeafbgxb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M5_{83}$	4.0417432159	0.1087529322	Z	Z/2	0.25	c	197	ffkaaabddeefhfbqb
$M5_{84}$	4.0545040273	0.2337859811	Z	Z/2	0.33	c	198	fioaaaccdeefknaaf
$M5_{85}$	4.0568602242	0.1034156525	Z	Z/2	0.44	c	199	fddaabcedeeqqmpwf
$M5_{86}$	4.0568602242	0.0632510142	Z/2+Z	Z/2	0.23	c	200	fdjaaabdeeefqsqha
$M5_{87}$	4.0568602242	0.1867489858	Z	Z/2	0.23	c	201	fcoaaacedeenklewb
$M5_{88}$	4.0597664256	0.0000000000	Z/10+Z	D2	0.43	c	208	finaabdcceepoooqk
$M5_{89}$	4.0778656829	0.1303978867	Z	Z/2	0.21	c	209	fdkaaabdeeefhvqah
$M5_{90}$	4.0810885035	0.0966032708	Z	Z/2	0.42	c	210	fffaabcddeehhhtok
$M5_{91}$	4.0820913861	0.2179431031	Z	Z/2	0.22	c	211	fdkaaabedeefaaghq
$M5_{92}$	4.0822964713	0.2444255781	Z	Z/2	0.29	c	212	ffjaabaddeeafbgxn
$M5_{93}$	4.0854927594	0.1720322641	Z	Z/2	0.31	c	213	fioaaaccdeefknaqg
$M5_{94}$	4.0888400822	0.1676647976	Z	Z/2	0.31	c	214	fioaaaccdeenknaqg
$M5_{95}$	4.0959712589	0.1527057222	Z	Z/2	0.30	c	215	fcnaabbddeehgkohg
$M5_{96}$	4.0974160567	0.2145181291	Z/5+Z	Z/2	0.40	c	216	fioaaaccdeenkoaqo
$M5_{97}$	4.1079530966	0.1227094264	Z/6+Z	Z/2	0.19	c	217	fdkaaabddeefhvbhk
$M5_{98}$	4.1094265923	0.1714697155	Z	Z/2	0.28	c	218	fdkaaabddeefankxn
$M5_{99}$	4.1128528985	0.0029074261	Z	Z/2	0.29	c	219	fcnaabbddeehgkohf
$M5_{100}$	4.1169687364	0.0416666667	Z	D2	0.83	c	221	fapaadcdeeejkgsgn
$M5_{101}$	4.1169687364	0.2083333333	Z	D2	0.41	c	220	fbnaabcdeeemgsuxe
$M5_{102}$	4.1249032518	0.1866967807	Z	Z/2	0.76	c	223	fblaaacdedeknhhgg
$M5_{103}$	4.1249032518	0.1033634474	Z	Z/2	0.68	c	222	fbhaabecedeqqghoh
$M5_{104}$	4.1249032518	0.0200301140	Z	Z/2	0.19	c	224	fcoaaacedeefklewb
$M5_{105}$	4.1302566118	0.2246969716	Z	Z/2	0.18	c	225	ffkaaabddeefhvfqn
$M5_{106}$	4.1423988127	0.2135054323	Z/2+Z	Z/2	0.18	c	227	fdkaaabedeefhqfah
$M5_{107}$	4.1432240229	0.2315385320	Z	Z/2	0.17	c	228	ffkaaabdeeefhvhaq
$M5_{108}$	4.1458719750	0.2139176528	Z	Z/2	0.38	c	229	fjkaaabddeefhfvxg
$M5_{109}$	4.1487774849	0.0127212946	Z	Z/2	0.25	c	230	fdjaaabddeebaknxf
$M5_{110}$	4.1566754268	0.2276173170	Z/4+Z	Z/2	0.26	c	231	fjkaaabddeefhfohf
$M5_{111}$	4.1655448992	0.2077835988	Z	Z/2	0.40	c	232	fffaabcddeeaaaukb
$M5_{112}$	4.1699372516	0.0677279290	Z	Z/2	0.26	c	233	fjkaaabddeefhfohn
$M5_{113}$	4.1777510732	0.2301502290	Z/10+Z	D2	0.57	c	234	fffaabcdeeeaaaqnv
$M5_{114}$	4.1777510732	0.0198497710	Z/6+Z	D2	0.57	c	235	fffaabcdeeeaaaqkc
$M5_{115}$	4.1778387647	0.1122046832	Z	Z/2	0.16	c	236	fdkaaabedeefhhbaq
$M5_{116}$	4.1862315477	0.1232115565	Z	Z/2	0.35	c	238	fioaaaccdeefkoaqo
$M5_{117}$	4.1883063705	0.1047382093	Z	Z/2	0.37	c	239	fjkaaabddeefhvbxf
$M5_{118}$	4.1885842865	0.2270971450	Z	Z/2	0.34	c	240	finaabdcceepsooqf
$M5_{119}$	4.1907530626	0.0580726847	Z	Z/2	0.34	c	241	fdkaaabddeefhbfxo
$M5_{120}$	4.2022318033	0.0235432423	Z	Z/2	0.23	c	242	fjkaaabddeefasnqf
$M5_{121}$	4.2047090763	0.0112671368	Z	Z/2	0.33	c	243	fjdaaaccdeekonhqn
$M5_{122}$	4.2099598664	0.1553685807	Z	Z/2	0.33	c	244	fioaaaccdeenkoaak
$M5_{123}$	4.2159639524	0.0906356204	Z	Z/2	0.21	c	246	fjkaaabddeefhgvhn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M5_{124}$	4.2172722566	0.1597729031	Z/3+Z	D2	0.67	c	247	fbnaabcdeeemgwhit
$M5_{125}$	4.2244625966	0.2394651598	Z	Z/2	0.21	c	248	ffkaaabddeefhgbxg
$M5_{126}$	4.2294274227	0.2450877921	Z/3+Z	D2	0.66	c	249	fclaabcdeeepnsemx
$M5_{127}$	4.2322997344	0.1806560261	Z	Z/2	0.21	c	250	fjkaaabddeefasnqg
$M5_{128}$	4.2340880505	0.1650097121	Z	Z/2	0.32	c	251	ffkaaabddeefhfbxg
$M5_{129}$	4.2342031577	0.2420890719	Z	Z/2	0.21	c	252	fdjaaabddeebakohf
$M5_{130}$	4.2346478086	0.0401562879	Z/9+Z	Z/2	0.32	c	253	fkgaaaccdeefwkhhk
$M5_{131}$	4.2450655527	0.1581252323	Z/4+Z	Z/2	0.19	c	255	fdkaaabddeefhofxo
$M5_{132}$	4.2481347926	0.2485777413	Z	Z/2	0.19	c	256	fjkaaabddeefhgvhf
$M5_{133}$	4.2491807974	0.1013894483	Z	Z/2	0.20	c	257	fdkaaabddeefangqf
$M5_{134}$	4.2555131770	0.0816667135	Z	Z/2	0.19	c	258	ffkaaabddeefhgbxo
$M5_{135}$	4.2560249224	0.1315387452	Z	D2	0.65	c	260	fdfaabcdeeeaadlbs
$M5_{136}$	4.2560249224	0.1184612548	Z/9+Z	D2	0.33	c	259	fdkaaabddeefhbfhk
$M5_{137}$	4.2595918020	0.1608383882	Z/2+Z	D2	0.52	c	261	fclaaccdeeemfkete
$M5_{138}$	4.2595918020	0.0891616118	Z/10+Z	D2	0.52	c	262	fclaaccdeeemfkeip
$M5_{139}$	4.2596291312	0.0490396343	Z/2+Z	Z/2	0.30	c	263	fioaaaccdeenkoaqg
$M5_{140}$	4.2741681542	0.1836255888	Z	Z/2	0.18	c	266	fdkaaabddeefhofxg
$M5_{141}$	4.2854993044	0.1916569354	Z/7+Z	Z/2	0.17	c	267	fjkaaabddeefhvoqk
$M5_{142}$	4.2905499398	0.2189866939	Z	Z/2	0.28	c	269	ffjaabaddeeafskqg
$M5_{143}$	4.2936828317	0.1701508315	Z	Z/2	0.17	c	270	ffkaaabddeefhgfhn
$M5_{144}$	4.2949553186	0.1731750508	Z	Z/2	0.17	c	271	ffkaaabddeefhgfhf
$M5_{145}$	4.3002873637	0.1805345308	Z	Z/2	0.29	c	272	fioaaaccdeefkoaak
$M5_{146}$	4.3096894583	0.1507797595	Z/2+Z	Z/2	0.16	c	273	fjkaaabddeefhvoqb
$M5_{147}$	4.3161204222	0.0418771847	Z	Z/2	0.70	c	275	fblaaacdedefnhhgg
$M5_{148}$	4.3260144201	0.2238303374	Z	Z/2	0.28	c	276	fdkaaabddeefhbfxg
$M5_{149}$	4.3277105708	0.0719966982	Z	Z/2	0.15	c	277	fdkaaabddeefhobqb
$M5_{150}$	4.3335352164	0.2289242427	Z/2+Z	Z/2	0.14	c	278	fdkaaabddeefhobqk
$M5_{151}$	4.3337655478	0.1504571623	Z	Z/2	0.33	c	279	fioaaaccdeefkohqk
$M5_{152}$	4.3523493021	0.1101520297	Z/11+Z	Z/2	0.31	c	280	fioaaaccdeefkohhk
$M5_{153}$	4.3533844175	0.2122404881	Z	Z/2	0.32	c	281	fioaaaccdeefkoaqg
$M5_{154}$	4.3700409236	0.0561284748	Z	Z/2	0.22	c	282	ffkaaabddeefhvfhn
$M5_{155}$	4.3742007881	0.1592773915	Z/2+Z	Z/2	0.22	c	284	fdkaaabddeefhvbqk
$M5_{156}$	4.3813231624	0.1077649437	Z/5+Z	D2	0.97	c	285	fapaacddeeebngkng
$M5_{157}$	4.3813231624	0.1422350563	Z/3+Z	D2	0.97	c	286	fapaacddeeebngvcg
$M5_{158}$	4.3867286410	0.0802129671	Z/3+Z	D2	0.61	c	288	fdfaabcedeeaaqqbk
$M5_{159}$	4.3867286410	0.1697870329	Z/11+Z	D2	0.30	c	287	ffkaaabddeefhfbxo
$M5_{160}$	4.4008325161	0.2024924984	Z	D2	0.61	c	289	fchaaccedeeenlrxp
$M5_{161}$	4.4031550167	0.1366779503	Z/2+Z	Z/2	0.43	c	290	fblaaacdedeknaxbf
$M5_{162}$	4.4070557167	0.0193451765	Z	Z/2	0.48	c	291	fblaaacdedeknhhoo
$M5_{163}$	4.4153324775	0.1635961219	Z/10+Z	D2	0.57	c	293	fddaabcdedeaahhnk
$M5_{164}$	4.4153324775	0.1635961219	Z/6+Z	D2	0.57	c	294	fddaabcedeeaahhfo

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M5_{165}$	4.4184838949	0.2128552568	Z/3+Z	Z/2	0.21	c	296	fdkaaabddeefhvbhf
$M5_{166}$	4.4191713249	0.1471601795	Z/2+Z	Z/2	0.44	c	297	fddaabcdedeaahqnn
$M5_{167}$	4.4335683146	0.1103427512	Z	Z/2	0.20	c	299	ffkaaabddeefhvfqb
$M5_{168}$	4.4559786296	0.1713102699	Z	Z/2	0.56	c	300	fcoaaacdedefkhhff
$M5_{169}$	4.4601467572	0.0124517442	Z	Z/2	0.43	c	302	fboaaaeededfahaqn
$M5_{170}$	4.4646589115	0.0059009831	Z/2+Z	D2	0.92	c	305	fbhaabededehhrqwq
$M5_{171}$	4.4646589115	0.1607656835	Z/2+Z	Z/2	0.59	c	303	fapaabddceefvnkvg
$M5_{172}$	4.4646589115	0.2440990169	Z/2+Z	D2	0.59	c	304	fbhaabecedehhgqgq
$M5_{173}$	4.4646589115	0.2142343165	Z/2+Z/2+Z	D2	0.39	c	306	fblaaacdeeeknhanv
$M5_{174}$	4.4646589115	0.0357656835	Z/2+Z/4+Z	D2	0.39	c	307	fblaaacdeeeknaank
$M5_{175}$	4.4769162614	0.2185946862	Z	D2	0.52	c	310	fblaabcdeeeiofxum
$M5_{176}$	4.4920481420	0.0333239072	Z/2+Z	Z/2	0.41	c	312	fblaaacdedeknahbo
$M5_{177}$	4.5102497963	0.1781380692	Z	Z/2	0.21	c	316	fdkaaabddeefhvbqb
$M5_{178}$	4.5150333816	0.2189878780	Z	Z/2	0.21	c	318	ffkaaabddeefhvfhf
$M5_{179}$	4.5227788438	0.0523852846	Z/2+Z	D2	0.35	c	319	fcoaaacdeeefkahcn
$M5_{180}$	4.5227788438	0.1976147154	Z/10+Z	D2	0.35	c	320	fcoaaacdeeefkaakn
$M5_{181}$	4.5310953973	0.1838770057	Z	Z/2	0.92	c	322	fbhaaccdeeeqgkmie
$M5_{182}$	4.5510501393	0.0123135941	Z	Z/2	0.54	c	326	fapaacedcdeggbgng
$M5_{183}$	4.5641278085	0.1831699445	Z	Z/2	0.53	c	335	fblaaacdedeknhxgn
$M5_{184}$	4.5695656347	0.1605329407	Z/10+Z	Z/2	0.52	c	336	fblaaacdedeknhxgf
$M5_{185}$	4.5790454768	0.1999784176	Z	Z/2	0.46	c	337	fddaabcdedeqqahbo
$M5_{186}$	4.5790454768	0.1166450842	Z	Z/2	0.46	c	338	fboaaaceddefnhano
$M5_{187}$	4.5865294141	0.1288278525	Z	Z/2	0.35	c	339	fblaaacdedeknahko
$M5_{188}$	4.5921256970	0.1872201781	Z	D2	0.50	c	340	fblaaccedeedkpwxl
$M5_{189}$	4.6031779496	0.1797682943	Z	Z/2	0.51	c	342	fddaabcdedeqqaabn
$M5_{190}$	4.6064691524	0.1968574282	Z/2+Z	Z/2	0.31	c	343	fblaaacdedefnaxbf
$M5_{191}$	4.6252708065	0.0885033730	Z	Z/2	0.85	c	345	fbhaaceddeetigjed
$M5_{192}$	4.6399414880	0.1880941716	Z	Z/2	0.60	c	346	fcoaaacdedefkhhgf
$M5_{193}$	4.6664799491	0.1403070717	Z	Z/2	0.43	c	349	fboaaaeededfahaqb
$M5_{194}$	4.6664799491	0.2236404050	Z	Z/2	0.43	c	350	fboaaaceddefohano
$M5_{195}$	4.6751407797	0.2067835665	Z	Z/2	0.46	c	351	fblaaacdedeknaxkf
$M5_{196}$	4.6822186294	0.1206588816	Z/2+Z	Z/2	0.41	c	352	fblaaacdedefnahbo
$M5_{197}$	4.7186200298	0.2460212665	Z	Z/2	0.58	c	356	fbhaadcdedeafkakb
$M5_{198}$	4.7254015851	0.1428293812	Z/4+Z	Z/2	0.54	c	358	fapaacedcdeggbgbg
$M5_{199}$	4.7358423751	0.0023717217	Z/2+Z	Z/2	0.47	c	360	fblaaacdedefnhxgf
$M5_{200}$	4.7370973225	0.2183478663	Z	Z/2	0.38	c	361	fcoaaacdedefkhafk
$M5_{201}$	4.7429383500	0.1791774504	Z	Z/2	0.43	c	363	fblaaacdedeknhxof
$M5_{202}$	4.7483271843	0.0249855607	Z	Z/2	0.48	c	364	fapaabceddebgbwnb
$M5_{203}$	4.7517019655	0.1450479602	Z	D2	0.72	c	372	fcnaabcedeelkublu
$M5_{204}$	4.7517019655	0.1049520398	Z/3+Z/3+Z	D2	0.72	c	373	fcnaabcedeelkubmd
$M5_{205}$	4.7517019655	0.2283812935	Z/12+Z	D2	0.70	c	369	ffdaabcdeeeaahhgb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M5_{206}$	4.7517019655	0.0216187065	Z/8+Z	D2	0.70	c	370	ffdaabcdeeeaahhrw
$M5_{207}$	4.7517019655	0.2283812935	Z/4+Z	D2	0.70	c	371	fddaabcdeeeaahhgb
$M5_{208}$	4.7517019655	0.0216187065	Z/8+Z	D2	0.48	c	368	fddaabcdedeaahhbb
$M5_{209}$	4.7529306108	0.1607350224	Z	Z/2	0.46	c	374	fblaaacdedefnhxgn
$M5_{210}$	4.7659399179	0.0735945635	Z/2+Z	Z/2	0.79	c	376	fbnaabddeeeanfltp
$M5_{211}$	4.7822979940	0.0451230156	Z	Z/2	0.57	c	378	fbhaadcdedeafkhkg
$M5_{212}$	4.8163318635	0.1519076535	Z	Z/2	0.38	c	385	fblaaacdedefnaxbn
$M5_{213}$	4.8511707573	0.0210724386	Z	D2	1.13	c	390	fapaadedeedbvgbgc
$M5_{214}$	4.8511707573	0.2289275614	Z	D2	0.78	c	389	fapaadedeedbbjbsb
$M5_{215}$	4.8536594622	0.2260830282	Z	Z/2	0.49	c	392	fblaaacdedefnahbg
$M5_{216}$	4.8573223985	0.0431634167	Z	Z/2	0.35	c	393	fcoaaacdedefkxafk
$M5_{217}$	4.9108330387	0.0680517830	Z	Z/2	0.47	c	395	fcoaaacdedefkhagk
$M5_{218}$	4.9180034362	0.1603336907	Z	Z/2	0.43	c	397	fcoaaacdedefkxhff
$M5_{219}$	4.9356932742	0.0870723720	Z/2+Z	Z/2	0.47	c	400	fbhaadcdedeafkakk
$M5_{220}$	4.9483133631	0.1837799315	Z/13+Z	Z/2	0.47	c	401	fcoaaacdedefkxhkf
$M5_{221}$	4.9530329193	0.1947966151	Z	Z/2	0.40	c	402	fcoaaacdedefkxakk
$M5_{222}$	4.9536042686	0.2027056135	Z	Z/2	0.48	c	403	fbhaadcdedeafkhko
$M5_{223}$	5.0747080320	0.1250000000	Z/2+Z	Z/2	0.86	c	410	fapaadcceeebfobfw
$M5^2_1$	4.4153324775	0.0802627886	Z+Z	D2	0.57	c	292	fdfaabbddeediphsb
$M5^2_2$	4.4153324775	0.1635961219	Z+Z	D2	0.57	c	295	fddaabcedeeaaaavc
$M5^2_3$	4.5559188899	0.1207367465	Z+Z	D2	0.47	c	328	fblaaacedeeknqqjv
$M5^2_4$	4.5559188899	0.0374034131	Z+Z	D2	0.47	c	329	fcoaaacedeefkqqcj
$M5^2_5$	4.7254015851	0.1428293812	Z+Z	D2	0.40	c	357	fenaaacceeefobgvf
$M5^2_6$	4.7254015851	0.0594960479	Z+Z	D2	0.40	c	359	felaaacdeeeffpefn
$M5^2_7$	4.7494999819	0.0860875469	Z+Z	D2	0.38	c	366	felaaacceeefrnwko
$M5^2_8$	4.7494999819	0.0027542136	Z+Z	D2	0.38	c	367	felaaadceeeflnmwf
$M5^2_9$	4.8511707573	0.0210724386	Z+Z	D2	0.32	c	388	feoaaacceeefkowfn
$M5^2_{10}$	4.8511707573	0.1044057719	Z+Z	D2	0.32	c	391	feoaaacdeeefkitfr
$M5^2_{11}$	5.0747080320	0.1250000000	Z/2+Z+Z	D4	1.32	c	412	fapaadcceeebfnbfk

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N5_1$	3.0334961200	Z/5 + Z	Z/2	0.37	24	`ffdaabcdeeeaaaadl`
$N5_2$	3.2154560842	Z/5 + Z	Z/2	0.27	42	`fapaaedceedeooefg`
$N5_3$	3.3043885099	Z/4 + Z	Z/2	0.22	50	`fcoaaacdeeenkacqk`
$N5_4$	3.3558963479	Z/5 + Z	Z/2	0.19	57	`fcoaaacdeeefkacqk`
$N5_5$	3.3679523763	Z	Z/2	0.18	63	`ffjaabaddeeafbiqi`
$N5_6$	3.4017408180	Z/3 + Z	Z/2	0.16	68	`fdjaabaddeeafniae`
$N5_7$	3.4774018457	Z/2 + Z	Z/2	0.12	86	`ffkaaabddeefhgdqd`
$N5_8$	3.4862146599	Z/3 + Z	Z/2	0.11	92	`fdkaaabddeefhodhl`
$N5_9$	3.8927375058	Z	Z/2	0.92	174	`fapaaecdedefiifed`
$N5_{10}$	3.8952451513	Z	trivial	0.81	176	`fchaacdedeeuiaiee`
$N5_{11}$	4.1304511331	Z/2 + Z	Z/2	0.81	226	`fbhaabededehhgkck`
$N5_{12}$	4.1830111710	Z	Z/2	0.56	237	`fffaabcdeeeaaafdv`
$N5_{13}$	4.2143941914	Z/2 + Z/4 + Z	Z/2	0.52	245	`fffaabcdeeeaaaqhx`
$N5_{14}$	4.2376218485	Z	Z/2	0.50	254	`fffaabcdeeeaaarec`
$N5_{15}$	4.2628536257	Z/2 + Z	trivial	0.62	264	`fapaabddeeeftpuou`
$N5_{16}$	4.2683777996	Z	Z/2	0.51	265	`fcnaaadeddelnhvrf`
$N5_{17}$	4.2873422571	Z	Z/2	0.48	268	`fblaaacdeeefnxcqk`
$N5_{18}$	4.3158134127	Z/6 + Z	Z/2	0.45	274	`fblaabcedeeioxosj`
$N5_{19}$	4.3714230748	Z	Z/2	0.67	283	`fffaabcdeeenkdkan`
$N5_{20}$	4.4242988070	Z	Z/2	0.59	298	`fchaaccedeeenkexp`
$N5_{21}$	4.4560604372	Z	Z/2	0.60	301	`fcnaabcdeeelkubgv`
$N5_{22}$	4.4679284637	Z	Z/2	1.51	308	`fddaabcdeeeccccwr`
$N5_{23}$	4.4704992727	Z/2 + Z	Z/2	0.38	309	`fblaaacdeeeknbanu`
$N5_{24}$	4.4776044694	Z/2 + Z	Z/2	0.37	311	`fblaaaedeedlbaehb`
$N5_{25}$	4.4959128903	Z/4 + Z	Z/2	0.35	313	`fcoaaacdeeenkackh`
$N5_{26}$	4.5130762070	Z	Z/2	0.57	317	`fbhaadcdedeafhaqk`
$N5_{27}$	4.5255502278	Z	Z/2	0.35	321	`fcnaaadeddelnhtqf`
$N5_{28}$	4.5369851489	Z/2 + Z/2 + Z	Z/2	0.33	323	`fcoaaacdeeefkabin`
$N5_{29}$	4.5449413427	Z/2 + Z	Z/2	0.61	324	`fapaadedecemjuffj`
$N5_{30}$	4.5490100801	Z	Z/2	0.32	325	`fcoaaacdeeefkackh`
$N5_{31}$	4.5518040845	Z/2 + Z	Z/2	0.53	327	`fdfaabcedeeaaknbk`
$N5_{32}$	4.5581440109	Z/9 + Z	Z/2	0.78	330	`fffaabcdeeeaaqqie`
$N5_{33}$	4.5591844778	Z/3 + Z	Z/2	0.81	331	`fbhaabcdeeelfndrw`
$N5_{34}$	4.5591844778	Z/3 + Z	Z/2	0.81	332	`fbhaabcdeeelfndbg`
$N5_{35}$	4.5609819802	Z	trivial	1.00	334	`fbhaacecdeenkxnke`
$N5_{36}$	4.5609819802	Z	trivial	0.47	333	`fboaaacedeefmhapb`
$N5_{37}$	4.6024083824	Z	Z/2	0.48	341	`fblaaccedeedknxwk`
$N5_{38}$	4.6098272511	Z	trivial	0.62	344	`fddaabcdeeeknglje`
$N5_{39}$	4.6420856420	Z/3 + Z	Z/2	1.02	347	`fchaaddedeeacjcfa`
$N5_{40}$	4.6607005929	Z	Z/2	0.57	348	`fblaabceeedkrxfug`
$N5_{41}$	4.7089910294	Z	Z/2	0.40	353	`fbhaadcdedeafhhqg`

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N5_{42}$	4.7413870311	Z/2 + Z	trivial	0.94	362	fbhaadecdeekfqjnd
$N5_{43}$	4.7486391519	Z/4 + Z	Z/2	0.51	365	fapaacedceeggbgah
$N5_{44}$	4.7618428208	Z/2 + Z	Z/2	0.80	375	fcnaabcddeefrqcnt
$N5_{45}$	4.7777594732	Z/2 + Z	Z/2	0.36	377	fbhaadcdedeafhhqo
$N5_{46}$	4.8785838069	Z	trivial	0.93	394	fbhaaceddeenjhjsd
$N5_{47}$	4.9166073496	Z/2 + Z	trivial	0.87	396	fcnaabdedeehepklf
$N5_{48}$	4.9558840610	Z	Z/2	0.39	404	fcoaaacdeeefkxahq
$N5_{49}$	5.0747080320	Z/11 + Z	Z/10	1.09	407	ffdaabcdeeeaqhhet
$N5_{50}$	5.0747080320	Z/2 + Z	Z/2	0.96	413	fapaadcceeebfmbfu
$N5_{51}$	5.0747080320	Z/2 + Z	trivial	0.96	414	fapaacdceeedeodew
$N5_{52}$	5.0747080320	Z/6 + Z	trivial	0.86	411	fapaacdceeedemdeu
$N5^2_1$	3.3043885099	Z/4 + Z	Z/2	0.22	51	fgfaabcbedeaabbet
$N5^2_2$	3.4280115628	Z/2 + Z	Z/2	0.15	75	fgjaabacdeeafaikt
$N5^2_3$	3.4823885684	Z/2 + Z	Z/2	0.11	88	fgjaaabcdeebqqlki
$N5^2_4$	3.4971339865	Z/4 + Z	Z/2	0.10	97	fgkaaabcdeefaqpou
$N5^2_5$	3.5143746446	Z/2 + Z	Z/2	0.09	101	fgkaaabcedefaqglt
$N5^2_6$	3.5309784353	Z/2 + Z	Z/2	0.08	107	fgkaaabcdeefhqmnt
$N5^2_7$	3.5320919920	Z/4 + Z	Z/2	0.08	109	fgjaaabcedebqqbld
$N5^2_8$	3.5541664228	Z/2 + Z	Z/2	0.07	114	fgkaaabcedefhqbet
$N5^2_9$	4.4986759718	Z/2 + Z	Z/2	0.63	314	fddaabcedeeaaccxa
$N5^2_{10}$	4.4986759718	Z/2 + Z	Z/2	0.63	315	ffdaabcdeeeaacccv
$N5^2_{11}$	4.7097324144	Z/6 + Z	Z/2	0.84	354	fbhaaccedeeaxvava
$N5^2_{12}$	4.8001205090	Z/2 + Z	Z/2	0.47	379	fblaaacedeeknwwpl
$N5^2_{13}$	4.8001205090	Z/2 + Z	Z/2	0.47	380	fblaaacedeeknooxl
$N5^2_{14}$	4.8138191861	Z/2 + Z	Z/2	1.34	383	fbhaabddeeejxjhss
$N5^2_{15}$	4.8138191861	Z/2 + Z	Z/2	1.14	384	fapaacededeaaxvav
$N5^2_{16}$	4.8138191861	Z/2 + Z	Z/2	0.46	381	fblaaacedeefnoopl
$N5^2_{17}$	4.8138191861	Z/2 + Z	Z/2	0.46	382	fblaaacedeefnwwxl
$N5^2_{18}$	4.8364038654	Z/2 + Z	Z/2	1.32	387	fddaabcedeeccccvc
$N5^2_{19}$	4.8364038654	Z/2 + Z	Z/2	0.77	386	felaabccdeepnttnd
$N5^2_{20}$	4.9253323174	Z/2 + Z/2 + Z	Z/2	0.39	398	fcoaaacedeefkrrid
$N5^2_{21}$	4.9253323174	Z/8 + Z	Z/2	0.39	399	fcoaaacedeefkooxi
$N5^2_{22}$	5.0747080320	Z/2 + Z/4 + Z	D2	1.32	408	fapaadcceeebqnbqk
$N5^2_{23}$	5.0747080320	Z/8 + Z	Z/2	1.32	406	fapaabcddeelnltkt
$N5^{0,1}_1$	4.7097324144	Z + Z	Z/2	0.84	355	fbhaaccedeeaqnhna
$N5^{1,1}_1$	5.0747080320	Z/2 + Z + Z	D2	1.32	409	fapaadcdeeebqkbnq
$N5^{1,1}_2$	5.0747080320	Z + Z	Z/2	1.32	405	fapaacdceeedeqdeq

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{1}$	3.2969024143	0.0584657112	Z/5+Z	D2	0.23	c	0	gfdabbcdefffaaaaadm
$M6_{2}$	3.2969024143	0.1915342888	Z/9+Z	D2	0.23	c	1	gfdabbcdefffaaaaalu
$M6_{3}$	3.3945566867	0.0398807681	Z	Z/2	0.17	c	2	gkfabbcbdfffaabafon
$M6_{4}$	3.4046589625	0.1225113687	Z	Z/2	0.16	c	3	gkfabbcbdfffaabafwo
$M6_{5}$	3.4601289333	0.1016293027	Z/13+Z	D2	0.13	c	4	gbpaacefddffkkanbet
$M6_{6}$	3.4601289333	0.1483706973	Z/5+Z	D2	0.13	c	5	gbpaacefddffkkanbpi
$M6_{7}$	3.4712878828	0.0259310151	Z/11+Z	D2	0.12	c	6	gofaabcbeeffaabnkak
$M6_{8}$	3.4712878828	0.2240689849	Z/9+Z	D2	0.12	c	7	gofaabcbefffaabnqha
$M6_{9}$	3.4938815997	0.2283266536	Z/14+Z	D2	0.11	c	8	ggfabbcbeeffaabbgqg
$M6_{10}$	3.4938815997	0.0216733464	Z/6+Z	D2	0.11	c	9	ggfabbcbefffaabbaqh
$M6_{11}$	3.4999229301	0.1319734039	Z	Z/2	0.11	c	10	gkfabbcbdfffaabanko
$M6_{12}$	3.5023496765	0.0483237265	Z	Z/2	0.10	c	11	gkfabbcbdfffaabawkn
$M6_{13}$	3.5177607285	0.2206640852	Z/4+Z	D2	0.09	c	12	gbpaadcfedfffoxffaq
$M6_{14}$	3.5177607285	0.0293359148	Z/16+Z	D2	0.09	c	13	ggfabbcbeeffaabbkqo
$M6_{15}$	3.5177607285	0.2206640852	Z/4+Z	D2	0.09	c	14	ggfabbcbefffaabbeqp
$M6_{16}$	3.5177607285	0.0293359148	Z/16+Z	D2	0.09	c	15	glkaaabdfefffanxekw
$M6_{17}$	3.5261959907	0.2422223193	Z	D2	0.09	c	16	ggjabbacefffhkhfdad
$M6_{18}$	3.5261959907	0.0077776807	Z/17+Z	D2	0.09	c	17	ggjacbaceeffafawkxf
$M6_{19}$	3.5376087846	0.0534057378	Z/5+Z	D2	0.08	c	18	glkaaabdfefffhoxdfr
$M6_{20}$	3.5376087846	0.1965942622	Z/17+Z	D2	0.08	c	19	glkaaabdfefffhoxlfw
$M6_{21}$	3.5468430971	0.2348829538	Z	Z/2	0.08	c	20	gjdabbcdcfffaaakbgk
$M6_{22}$	3.5493643484	0.1818939004	Z/5+Z	Z/2	0.07	c	21	gjdabbcdcfffaaakbsg
$M6_{23}$	3.5538199185	0.2299615060	Z/19+Z	D2	0.07	c	22	gofaabcbeeffaabngaf
$M6_{24}$	3.5538199185	0.0200384940	Z	D2	0.07	c	23	gofaabcbefffaabnmda
$M6_{25}$	3.5563902526	0.2425385606	Z/19+Z	D2	0.07	c	24	ghjaabadfeffhkfihov
$M6_{26}$	3.5563902526	0.0074614394	Z/3+Z	D2	0.07	c	25	ghjaabadfeffhkfphoc
$M6_{27}$	3.5607484984	0.1550528417	Z	Z/2	0.07	c	26	gkjabbacdfffafahgbf
$M6_{28}$	3.5633336629	0.0717082861	Z	Z/2	0.06	c	27	gkjabbacdfffafahgvb
$M6_{29}$	3.5658451404	0.1600215126	Z/16+Z	D2	0.06	c	28	ggjababceeffgqqgbqb
$M6_{30}$	3.5658451404	0.0899784874	Z/12+Z	D2	0.06	c	29	ggjababcefffbqqbaqh
$M6_{31}$	3.5680879528	0.2311262084	Z/17+Z	D2	0.06	c	30	ggkababceefffaqgbqb
$M6_{32}$	3.5680879528	0.0188737916	Z/11+Z	D2	0.06	c	31	ggkababceffffaqghaq
$M6_{33}$	3.5695933447	0.0668156616	Z	Z/2	0.06	c	32	gkjabbacdfffafahfob
$M6_{34}$	3.5710786370	0.0165418170	Z/18+Z	D2	0.06	c	33	gokaaabceefffaqofhf
$M6_{35}$	3.5710786370	0.2334581830	Z/10+Z	D2	0.06	c	34	gokaaabceffffaqoqah
$M6_{36}$	3.5715644894	0.1501965304	Z	Z/2	0.06	c	35	gkjabbacdfffafahvof
$M6_{37}$	3.5725057455	0.1930051247	Z	Z/2	0.06	c	36	gkkababcdffffaqqkng
$M6_{38}$	3.5743676730	0.1097138247	Z	Z/2	0.06	c	37	gkkababcdffffaqqsnk
$M6_{39}$	3.5746848911	0.0877024975	Z/19+Z	D2	0.06	c	38	ggjababceefffhhgbqb
$M6_{40}$	3.5746848911	0.1622975025	Z/9+Z	D2	0.06	c	39	ggjababcefffhhghaq
$M6_{41}$	3.5824485129	0.1700719126	Z/22+Z	D2	0.05	c	40	ggjababceeffbqqbjxn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{42}$	3.5824485129	0.0799280874	Z/2+Z	D2	0.05	c	41	ggjababcefffbqqblxd
$M6_{43}$	3.5873867858	0.1775370496	Z	Z/2	0.05	c	42	gjdabbcdcfffaaakkng
$M6_{44}$	3.5874300680	0.1391316683	Z	Z/2	0.05	c	43	gkkababcdffffhqqfob
$M6_{45}$	3.5880890205	0.2390649646	Z/5+Z	Z/2	0.05	c	44	gjdabbcdcfffaaaksnk
$M6_{46}$	3.5886752438	0.2224291208	Z/5+Z	Z/2	0.05	c	45	gkkababcdffffhqqvof
$M6_{47}$	3.5897152397	0.0618079865	Z/19+Z	D2	0.05	c	46	ggkababceefffhqbgqg
$M6_{48}$	3.5897152397	0.1881920135	Z/13+Z	D2	0.05	c	47	ggkababceffffhqbaqh
$M6_{49}$	3.5900899640	0.1798442295	Z/3+Z	D2	0.05	c	48	glkaaabdfefffhodhgo
$M6_{50}$	3.5900899640	0.0701557705	Z/23+Z	D2	0.05	c	49	glkaaabdfefffholhbo
$M6_{51}$	3.5912134636	0.0933869290	Z	Z/2	0.05	c	50	gkjababcdfffbahqkng
$M6_{52}$	3.5923251825	0.1584099498	Z/23+Z	D2	0.05	c	51	ggjababceefffhhgfqn
$M6_{53}$	3.5923251825	0.0915900502	Z/5+Z	D2	0.05	c	52	ggjababceffffhhglmq
$M6_{54}$	3.5924859683	0.1767080235	Z	Z/2	0.05	c	53	gkjababcdfffbahqsnk
$M6_{55}$	3.5937641971	0.1864072405	Z/21+Z	D2	0.04	c	54	gokaaabceefffhqnkak
$M6_{56}$	3.5937641971	0.0635927595	Z/11+Z	D2	0.04	c	55	gokaaabceffffhqnqha
$M6_{57}$	3.5968822449	0.2297414544	Z/24+Z	D2	0.04	c	56	gokaaabceefffaqobhk
$M6_{58}$	3.5968822449	0.0202585456	Z/4+Z	D2	0.04	c	57	gokaaabceffffaqopih
$M6_{59}$	3.5971261486	0.1059685556	Z	Z/2	0.04	c	58	gkkababcdffffaqqbgk
$M6_{60}$	3.5978432963	0.1893445514	Z	Z/2	0.04	c	59	gkkababcdffffaqqbsg
$M6_{61}$	3.6013046974	0.0153862158	Z/25+Z	D2	0.04	c	60	ggkababceefffaqgfqn
$M6_{62}$	3.6013046974	0.2346137842	Z/3+Z	D2	0.04	c	61	ggkababceffffaqglmq
$M6_{63}$	3.6050291825	0.1654411546	Z	Z/2	0.04	c	62	gkjababcdfffbqqafon
$M6_{64}$	3.6053875072	0.1799104290	Z/5+Z	Z/2	0.04	c	63	gkjababcdfffbahqbgk
$M6_{65}$	3.6055358997	0.0867690881	Z/26+Z	D2	0.04	c	64	ggjababceeffgqqgfqn
$M6_{66}$	3.6055358997	0.1632309119	Z/2+Z	D2	0.04	c	65	ggjababcefffbqqblau
$M6_{67}$	3.6058821118	0.2487744306	Z	Z/2	0.04	c	66	gkjababcdfffbqqafwo
$M6_{68}$	3.6060419992	0.0965497867	Z	Z/2	0.04	c	67	gkjababcdfffbahqbsg
$M6_{69}$	3.6102068815	0.2254617874	Z	Z/2	0.03	c	68	gkkababcdffffhqqgbf
$M6_{70}$	3.6106298730	0.1420991493	Z/5+Z	Z/2	0.03	c	69	gkkababcdffffhqqgvb
$M6_{71}$	3.6113336739	0.0606842330	Z/27+Z	D2	0.03	c	70	gokaaabceefffhqngaf
$M6_{72}$	3.6113336739	0.1893157670	Z/5+Z	D2	0.03	c	71	gokaaabceffffhqnmda
$M6_{73}$	3.6123839878	0.2484848658	Z	Z/2	0.03	c	72	gkjababcdfffbqqanko
$M6_{74}$	3.6126742384	0.2349583528	Z	Z/2	0.03	c	73	gkkababcdffffhqafon
$M6_{75}$	3.6129491278	0.1681648561	Z	Z/2	0.03	c	74	gkjababcdfffbqqawkn
$M6_{76}$	3.6133169050	0.1516286335	Z	Z/2	0.03	c	75	gkkababcdffffhqafwo
$M6_{77}$	3.6172515338	0.1855919373	Z/29+Z	D2	0.03	c	76	ggkababceefffhqbkqo
$M6_{78}$	3.6172515338	0.0644080627	Z/3+Z	D2	0.03	c	77	ggkababceffffhqbeqp
$M6_{79}$	3.6212765538	0.1493166775	Z	Z/2	0.03	c	78	gkkababcdffffhqanko
$M6_{80}$	3.6216404644	0.2326634610	Z	Z/2	0.03	c	79	gkkababcdffffhqawkn
$M6_{81}$	3.6302379698	0.0777232193	Z/3+Z	Z/2	0.27	c	80	gfdabbcdefffqqqqplu
$M6_{82}$	3.7778112018	0.2209305554	Z	Z/2	0.18	c	81	gclaccceeeffmftetqb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{83}$	3.7842612945	0.0053910337	Z	Z/2	0.18	c	82	gkfabbcbdfffaabanwo
$M6_{84}$	3.7842612945	0.1720577004	Z	Z/2	0.18	c	83	gkfabbcbdfffaabawon
$M6_{85}$	3.8213572698	0.1166119409	Z	Z/2	0.15	c	84	ggjacbaceeffafankxf
$M6_{86}$	3.8306625055	0.1511703040	Z	Z/2	0.15	c	85	gkoaaacdfeffnkakknf
$M6_{87}$	3.8390407224	0.0987845708	Z	Z/2	0.14	c	86	ggfabbcbeeffaabbgqo
$M6_{88}$	3.8696284205	0.1814524324	Z	Z/2	0.12	c	87	gkoaaacdfefffkakknf
$M6_{89}$	3.8715130833	0.1042250324	Z	Z/2	0.12	c	88	gofaabcbeeffaabnkaf
$M6_{90}$	3.8804385231	0.1340226368	Z	Z/2	0.12	c	89	ghjaabaeffefafpqdac
$M6_{91}$	3.8904995764	0.0755618062	Z	Z/2	0.33	c	90	gknaabbdfeffhgkuifj
$M6_{92}$	3.9196021610	0.1939881652	Z	Z/2	0.09	c	91	gkjabbacdfffafahfvb
$M6_{93}$	3.9196021610	0.0273214986	Z	Z/2	0.09	c	92	gkjabbacdfffafahvbf
$M6_{94}$	3.9202133634	0.2056047689	Z	Z/2	0.09	c	93	ggjababceeffbqqbgxn
$M6_{95}$	3.9322047142	0.1965191529	Z	Z/2	0.08	c	94	gjdabbcdcfffaaakksg
$M6_{96}$	3.9322047142	0.1368141804	Z	Z/2	0.08	c	95	gjdabbcdcfffaaaksgk
$M6_{97}$	3.9344468302	0.0185581418	Z	Z/2	0.31	c	96	gofaabcbeeffaabgkak
$M6_{98}$	3.9353146617	0.1942572303	Z	Z/2	0.08	c	97	ghkaaabeffeffhmiqhj
$M6_{99}$	3.9475248773	0.2151952921	Z	Z/2	0.07	c	98	ggjababceefffhhgbqn
$M6_{100}$	3.9508453683	0.1441838824	Z/3+Z	Z/2	0.07	c	99	gokaaabceefffaqofhk
$M6_{101}$	3.9515678741	0.0653997586	Z	Z/2	0.07	c	100	gkkababcdffffaqqksg
$M6_{102}$	3.9515678741	0.2320664253	Z	Z/2	0.07	c	101	gkkababcdffffaqqsgk
$M6_{103}$	3.9552185547	0.1411547208	Z	Z/2	0.07	c	102	ggkababceefffaqgbqn
$M6_{104}$	3.9604056338	0.2122572556	Z	Z/2	0.06	c	103	ggjababceeffgqqgbqn
$M6_{105}$	3.9678517286	0.2204306557	Z	Z/2	0.06	c	104	gkjababcdfffbahqksg
$M6_{106}$	3.9678517286	0.0537639890	Z	Z/2	0.06	c	105	gkjababcdfffbahqsgk
$M6_{107}$	3.9716492821	0.2336763771	Z	Z/2	0.06	c	106	gkkababcdffffhqqfvb
$M6_{108}$	3.9716492821	0.0996569562	Z	Z/2	0.06	c	107	gkkababcdffffhqqvbf
$M6_{109}$	3.9747963025	0.2446359833	Z	Z/2	0.28	c	108	gfdabbcdeeffqqqqkhg
$M6_{110}$	3.9751767171	0.1865930365	Z/3+Z	Z/2	0.05	c	109	gokaaabceefffhqnkaf
$M6_{111}$	3.9811086175	0.1889106283	Z	Z/2	0.05	c	110	ggkababceefffhqbgqo
$M6_{112}$	3.9813435783	0.1253824930	Z	Z/2	0.05	c	111	gkjababcdfffbqqanwo
$M6_{113}$	3.9813435783	0.2079508403	Z	Z/2	0.05	c	112	gkjababcdfffbqqawon
$M6_{114}$	3.9935045463	0.2248063834	Z	Z/2	0.04	c	113	gkkababcdffffhqanwo
$M6_{115}$	3.9935045463	0.1085269499	Z	Z/2	0.04	c	114	gkkababcdffffhqawon
$M6_{116}$	4.0118645043	0.1720666435	Z/3+Z	Z/2	0.25	c	115	gjdacbccdeffqqfaaab
$M6_{117}$	4.0468794040	0.0387096077	Z	Z/2	0.23	c	116	gdjacbaddeffafnkahg
$M6_{118}$	4.0557884127	0.0216827138	Z	Z/2	0.32	c	117	gioacaccdefffknaqqn
$M6_{119}$	4.0597664256	0.0833333333	Z/2+Z	D2	0.78	c	119	gglaacceedffmfetfbg
$M6_{120}$	4.0597664256	0.0833333333	Z/2+Z	D2	0.43	c	118	gddabbcedeffqqmpfek
$M6_{121}$	4.0717747168	0.2162791848	Z	Z/2	0.22	c	120	gdjababdefffbakhhfo
$M6_{122}$	4.0738694371	0.2063386853	Z	Z/2	0.21	c	121	gfjacbaddeffafbgqhk
$M6_{123}$	4.0780158175	0.1383658087	Z/2+Z	Z/2	0.30	c	122	gioacaccdeffnknaqqn

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$M6_{124}$	4.0960937599	0.1796373285	Z	Z/2	0.20	c	123	gilacaccdeffffraaab
$M6_{125}$	4.1113310046	0.0553612487	Z	Z/2	0.19	c	124	gjkacabddefffhgvxqk
$M6_{126}$	4.1137064363	0.0154583461	Z/3+Z	Z/2	0.19	c	125	gofaabcbfeffaabqkha
$M6_{127}$	4.1249951264	0.1927285478	Z	Z/2	0.19	c	126	ggjabbaceeffafanoho
$M6_{128}$	4.1352794188	0.0303362150	Z	Z/2	0.18	c	127	gfjabbadefffafbaank
$M6_{129}$	4.1384083912	0.0469557095	Z	Z/2	0.18	c	128	gfjacbaddeffafbkqqn
$M6_{130}$	4.1394779315	0.1573535797	Z	Z/2	0.36	c	129	gfdabbcdeeffqqqqfhg
$M6_{131}$	4.1441081292	0.2118174287	Z	Z/2	0.25	c	130	ggfacbcbeeffaabbsaf
$M6_{132}$	4.1488509417	0.2133024317	Z	Z/2	0.37	c	131	gfdacbcddeffqqqmbaf
$M6_{133}$	4.1571233122	0.0135982485	Z	Z/2	0.17	c	132	gjkacabddefffasnxaf
$M6_{134}$	4.1593694543	0.0262125159	Z/2+Z	Z/2	0.16	c	133	ggfabbcbeeffaabskqo
$M6_{135}$	4.1736238916	0.1147399947	Z	Z/2	0.15	c	134	gnkaaabdeffffhgltoj
$M6_{136}$	4.1749324479	0.2032645383	Z	Z/2	0.15	c	135	ggjababceeffgqqfbqb
$M6_{137}$	4.1791451661	0.1352826466	Z	Z/2	0.15	c	136	gdkacabddefffhofhab
$M6_{138}$	4.1805837925	0.0532302907	Z/8+Z	Z/2	0.23	c	137	ggfacbcbeeffaabbsan
$M6_{139}$	4.1868289097	0.0339606209	Z	Z/2	0.14	c	138	gfkacabddefffhgbqaf
$M6_{140}$	4.1943589458	0.2271769930	Z	Z/2	0.14	c	139	ggkababceefffaqfbqb
$M6_{141}$	4.1950573308	0.1506350758	Z	Z/2	0.35	c	140	gjkacabddefffaknxqg
$M6_{142}$	4.1999849147	0.0317156779	Z/3+Z	Z/2	0.14	c	141	ggfabbcbefffaabsaqh
$M6_{143}$	4.2037281710	0.0218529125	Z	Z/2	0.33	c	142	ggfacbcbeeffaabksxb
$M6_{144}$	4.2039836876	0.1538224636	Z	Z/2	0.14	c	143	gjkacabddefffhvoxhk
$M6_{145}$	4.2055669108	0.0404117097	Z	Z/2	0.13	c	144	gdkababdeffffhoqqbg
$M6_{146}$	4.2056589283	0.2209321036	Z	Z/2	0.14	c	145	gnjaabadfeffafbdpso
$M6_{147}$	4.2084854060	0.2018561187	Z	Z/2	0.13	c	146	gdjacbaddeffafngaab
$M6_{148}$	4.2134472495	0.1884645971	Z/6+Z	Z/2	0.13	c	147	gojaabacfeffafaaoqh
$M6_{149}$	4.2172722566	0.0902270969	Z/5+Z	D2	0.33	c	148	gjkacabddefffaknxaf
$M6_{150}$	4.2180834513	0.0632841778	Z/2+Z	Z/2	0.21	c	149	ggfabbcbeeffaabbgxb
$M6_{151}$	4.2204306694	0.1389224409	Z/3+Z	Z/2	0.12	c	150	ggjababcefffbqqjaqh
$M6_{152}$	4.2208679845	0.1852765149	Z	Z/2	0.12	c	151	glkaaabdeffffanmtbr
$M6_{153}$	4.2223409176	0.0572361499	Z/3+Z	Z/2	0.13	c	152	gokaaabceefffaqbfhf
$M6_{154}$	4.2228636450	0.1412685815	Z	Z/2	0.12	c	153	gfkababdeffffhghhfo
$M6_{155}$	4.2240213563	0.2487486774	Z	Z/2	0.31	c	154	gofaabcbeeffaabgkxn
$M6_{156}$	4.2306776904	0.0052975908	Z/2+Z	Z/2	0.34	c	155	gfdabbcdeeffqqqqfhf
$M6_{157}$	4.2325654642	0.0380048548	Z/2+Z	Z/2	0.31	c	156	gioacaccdeffnkoaaab
$M6_{158}$	4.2401485604	0.0745139141	Z	Z/2	0.20	c	157	gioacaccdeffnknaaab
$M6_{159}$	4.2403007847	0.1045926711	Z/2+Z	Z/2	0.11	c	158	ggkababceefffhqkgqg
$M6_{160}$	4.2465471120	0.0682722839	Z	Z/2	0.11	c	159	ggkababceffffaqvhaq
$M6_{161}$	4.2471120670	0.2205722805	Z/7+Z	Z/2	0.19	c	160	ggfabbcbeeffaabbgxn
$M6_{162}$	4.2499829518	0.0291008773	Z	Z/2	0.30	c	161	gfdabbcdeeffqqqqkab
$M6_{163}$	4.2518648359	0.1279588832	Z	Z/2	0.11	c	162	ggjababceefffhhfbqb
$M6_{164}$	4.2518838636	0.1348327201	Z/2+Z	Z/2	0.10	c	163	ggjababceeffgqqvfqn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{165}$	4.2529784772	0.1306597727	Z	Z/2	0.10	c	164	gfkacabddefffhgfqqo
$M6_{166}$	4.2531352071	0.1881373266	Z	Z/2	0.31	c	165	gdkacabddefffhbfhab
$M6_{167}$	4.2535103920	0.0177163960	Z	Z/2	0.10	c	166	glkaaabdeffffhopugr
$M6_{168}$	4.2560249224	0.1315387452	Z/8+Z	Z/2	0.19	c	167	ggfabbcbeeffaabbkaf
$M6_{169}$	4.2575052321	0.0642816577	Z	Z/2	0.10	c	168	ggkababceefffaqvfqn
$M6_{170}$	4.2595719966	0.2337718790	Z/7+Z	Z/2	0.19	c	169	gioacaccdefffknaaab
$M6_{171}$	4.2616357000	0.0291500876	Z	Z/2	0.10	c	170	ghjaabadefffhkftlnc
$M6_{172}$	4.2661552485	0.2206672609	Z/6+Z	Z/2	0.09	c	171	gokaaabceefffaqvbhk
$M6_{173}$	4.2677364877	0.0250714933	Z	Z/2	0.18	c	172	ggfabbcbeeffaabbkan
$M6_{174}$	4.2680586157	0.0714295746	Z	Z/2	0.54	c	173	gbpaaedfedefowhwfwg
$M6_{175}$	4.2681910954	0.2027066650	Z/6+Z	Z/2	0.09	c	174	gojaaabcefffbqqgahq
$M6_{176}$	4.2708357009	0.0876954561	Z	Z/2	0.30	c	175	gndaabcdfeffqqqkfwo
$M6_{177}$	4.2710750473	0.0303860766	Z	Z/2	0.09	c	176	gdkacabddefffhobhhg
$M6_{178}$	4.2716668163	0.2170431963	Z	Z/2	0.09	c	177	gokaaabceffffaqvqah
$M6_{179}$	4.2754234162	0.1437585010	Z	Z/2	0.18	c	178	ggjabbaceeffhkhfoxf
$M6_{180}$	4.2767352665	0.2278962999	Z/6+Z	Z/2	0.09	c	179	gokaaabceefffhqgkak
$M6_{181}$	4.2769302918	0.2085295674	Z	Z/2	0.09	c	180	ggjababceefffhhvfqn
$M6_{182}$	4.2782072769	0.2364208595	Z/2+Z	Z/2	0.09	c	181	ggkababceffffhqsaqh
$M6_{183}$	4.2801064779	0.2264723898	Z	Z/2	0.09	c	182	gokaaabcfefffaqhbaq
$M6_{184}$	4.2832264823	0.1855970868	Z	Z/2	0.30	c	183	gcoabacdeefffkaikug
$M6_{185}$	4.2840530364	0.0812146962	Z	Z/2	0.29	c	184	gfdabbcdeeffqqqqkhf
$M6_{186}$	4.2859133723	0.2300550252	Z	Z/2	0.29	c	185	gdjacbaddeffafsgaab
$M6_{187}$	4.2921062781	0.2332843856	Z	Z/2	0.08	c	186	ggkababceefffhqskqo
$M6_{188}$	4.2930476920	0.0588067703	Z/2+Z	Z/2	0.08	c	187	gokaaabcfefffaqqfah
$M6_{189}$	4.2937495786	0.0425477987	Z	Z/2	0.08	c	188	gnkaaabdeffffhgminv
$M6_{190}$	4.2941189864	0.2116443653	Z/3+Z	Z/2	0.08	c	189	ggjababceffffhhvhaq
$M6_{191}$	4.3000874965	0.0148218453	Z	Z/2	0.16	c	190	gofaabcbeeffaabnkxb
$M6_{192}$	4.3037593955	0.1093203452	Z/3+Z	Z/2	0.07	c	191	gokaaabceefffhqsgaf
$M6_{193}$	4.3051300099	0.1627838320	Z	Z/2	0.16	c	192	gioacaccdefffknaqqb
$M6_{194}$	4.3059527909	0.1299578884	Z/3+Z	Z/2	0.07	c	193	gojaaabcefffbqqnqha
$M6_{195}$	4.3079172039	0.1425129219	Z	Z/2	0.07	c	194	glkaaabdeffffhoimkv
$M6_{196}$	4.3085102464	0.1048164974	Z	Z/2	0.07	c	195	gokaaabcfefffhqaghq
$M6_{197}$	4.3120831932	0.1119616345	Z/2+Z	Z/2	0.07	c	196	gokaaabceffffhqsqha
$M6_{198}$	4.3126178604	0.1779488522	Z	Z/2	0.16	c	197	gioacaccdeffnknaqqb
$M6_{199}$	4.3158159195	0.2006617640	Z	Z/2	0.28	c	198	gilacaccdefffrnxhhk
$M6_{200}$	4.3162496049	0.2447483970	Z	Z/2	0.27	c	199	gjkacabddefffhfoxhk
$M6_{201}$	4.3226030229	0.0659038099	Z	Z/2	0.25	c	200	gfjacbaddeffafbgqqn
$M6_{202}$	4.3256292596	0.1085617092	Z/2+Z	Z/2	0.15	c	201	ggkacabceefffaqfohf
$M6_{203}$	4.3257152425	0.2292434291	Z	Z/2	0.06	c	202	gokaaabcfefffhqqkha
$M6_{204}$	4.3258541855	0.2321770851	Z	Z/2	0.15	c	203	ggkacabceefffaqfohn
$M6_{205}$	4.3270511678	0.0307707999	Z	Z/2	0.26	c	204	genabbcdefeflkkqqof

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{206}$	4.3309355116	0.1267756015	Z	Z/2	0.28	c	205	gioacaccdefffkoaaab
$M6_{207}$	4.3332670122	0.0121212855	Z/7+Z	Z/2	0.27	c	206	gffacbcddeffaaaukqf
$M6_{208}$	4.3353976078	0.0273468203	Z	Z/2	0.26	c	207	gfjacbaddeffafskqqn
$M6_{209}$	4.3424216475	0.0831976488	Z	Z/2	0.27	c	208	gioacaccdefffkoxaaf
$M6_{210}$	4.3443740736	0.0083189450	Z	Z/2	0.14	c	209	ggjacbaceeffafawkhg
$M6_{211}$	4.3485562121	0.2454142846	Z	Z/2	0.24	c	210	gioacaccdeffnkoaqqn
$M6_{212}$	4.3500513506	0.1755806249	Z	Z/2	0.13	c	211	ggkacabceefffaqgbqb
$M6_{213}$	4.3514383780	0.1900121739	Z	Z/2	0.23	c	212	gdjacbaddeffafnkaab
$M6_{214}$	4.3538526833	0.2260774687	Z	Z/2	0.24	c	213	gjkacabddefffhgvxhk
$M6_{215}$	4.3562626617	0.0164932837	Z	Z/2	0.13	c	214	ggkacabceefffaqgbqk
$M6_{216}$	4.3583048484	0.0988453305	Z	Z/2	0.12	c	215	ggjababceeffbqqjkqo
$M6_{217}$	4.3593174769	0.1783295880	Z	Z/2	0.23	c	216	gfjacbaddeffafbkqhk
$M6_{218}$	4.3606014311	0.2286283065	Z	Z/2	0.13	c	217	gofaabcbeeffaabngqg
$M6_{219}$	4.3606357124	0.1491187577	Z	Z/2	0.12	c	218	ggjacbaceeffafawkhf
$M6_{220}$	4.3698463130	0.0714121559	Z	Z/2	0.12	c	219	ggjabbaceeffhkhfnab
$M6_{221}$	4.3734300825	0.0640261654	Z	Z/2	0.12	c	220	ggkacabceefffhqknaf
$M6_{222}$	4.3741967169	0.1302231786	Z	Z/2	0.23	c	221	gdjacbaddeffafnkaho
$M6_{223}$	4.3753317701	0.2230517328	Z	Z/2	0.12	c	222	ggkacabceefffhqknan
$M6_{224}$	4.3769233367	0.2429975490	Z	Z/2	0.11	c	223	ggjababceeffbqqjkqg
$M6_{225}$	4.3772299001	0.2073829874	Z	Z/2	0.23	c	224	gjkacabddefffasnxqf
$M6_{226}$	4.3778129394	0.1254115827	Z	Z/2	0.23	c	225	gfjacbaddeffafbgqhf
$M6_{227}$	4.3788298786	0.2460417601	Z/8+Z	Z/2	0.11	c	226	ggjababceeffbqqbgqg
$M6_{228}$	4.3813231624	0.1910982771	Z/4+Z	Z/2	0.30	c	227	gfdabbcdeeffaaaawhb
$M6_{229}$	4.3819709072	0.2481248447	Z	Z/2	0.11	c	228	ggjababceefffhhgbxg
$M6_{230}$	4.3855949464	0.1814780622	Z/2+Z	Z/2	0.11	c	229	gokaaabceefffaqofxo
$M6_{231}$	4.3865668546	0.0281647595	Z	Z/2	0.11	c	230	ggkacabceefffaqvoqk
$M6_{232}$	4.3867286410	0.2468796337	Z/2+Z	Z/2	0.21	c	231	ggfabbcbeeffaabskaf
$M6_{233}$	4.3879960208	0.0967212968	Z	Z/2	0.23	c	232	gddabbcedeffqqmpfef
$M6_{234}$	4.3882005002	0.0871906647	Z	Z/2	0.11	c	233	ggjababceeffbqqbgqo
$M6_{235}$	4.3933566786	0.1033064319	Z	Z/2	0.10	c	234	ggkababceefffaqgbxg
$M6_{236}$	4.3966728019	0.1326142082	Z/2+Z	Z/2	0.44	c	235	gbpaaeffdedfnqxngnl
$M6_{237}$	4.3972399251	0.0940977847	Z	Z/2	0.10	c	236	ggjababceefffhhgbxo
$M6_{238}$	4.3974890328	0.0379317572	Z	Z/2	0.21	c	237	gjdacaccdeffkonhqqo
$M6_{239}$	4.4008325161	0.0475075016	Z/11+Z	D2	0.31	c	238	gcnacbbddeffhgknxhg
$M6_{240}$	4.4008325161	0.2141741682	Z	Z/2	0.22	c	239	gfhaabcdefffuknhtwj
$M6_{241}$	4.4015094122	0.0235113554	Z	Z/2	0.10	c	240	gokaaabceefffaqofxg
$M6_{242}$	4.4023802359	0.1861145906	Z/8+Z	Z/2	0.10	c	241	ggkacabceefffaqvoqb
$M6_{243}$	4.4042258429	0.1739550520	Z/8+Z	Z/2	0.10	c	242	ggjababceeffgqqgbxg
$M6_{244}$	4.4070149141	0.1539954029	Z	Z/2	0.10	c	243	ggkacabceefffhqbgqg
$M6_{245}$	4.4081803447	0.1504245898	Z	Z/2	0.59	c	244	gcpaadecfffejkktxek
$M6_{246}$	4.4087579041	0.2385501668	Z	Z/2	0.09	c	245	ggkababceefffaqgbxo

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$M6_{247}$	4.4122320361	0.1803472544	Z	Z/2	0.09	c	246	ggjababceefffhhgfhn
$M6_{248}$	4.4129749601	0.1872044072	Z/7+Z	Z/2	0.09	c	247	ggkacabceefffhqbgqf
$M6_{249}$	4.4131737702	0.2427946798	Z	Z/2	0.09	c	248	ggkacabceefffaqgvhn
$M6_{250}$	4.4145614352	0.2200956238	Z	Z/2	0.21	c	249	gfhaabcdeeffuknipgk
$M6_{251}$	4.4151653455	0.0400686238	Z	Z/2	0.22	c	250	gffacbcddeffaaaunab
$M6_{252}$	4.4151919254	0.1622580310	Z	Z/2	0.09	c	251	ggjababceefffhhgfhf
$M6_{253}$	4.4153324775	0.0802627886	Z/4+Z	D2	0.57	c	254	gnfaabcdefefaaakkkk
$M6_{254}$	4.4153324775	0.0802627886	Z/4+Z	D2	0.29	c	253	gjkacabddefffhfoxhf
$M6_{255}$	4.4153324775	0.1635961219	Z/2+Z	Z/2	0.22	c	252	gddabbcedeffqqmpftn
$M6_{256}$	4.4167035879	0.0262763610	Z	Z/2	0.21	c	255	gdkacabddefffhbfxqn
$M6_{257}$	4.4173752714	0.2047439946	Z	Z/2	0.46	c	256	gblabacdefefknhhhok
$M6_{258}$	4.4178634211	0.1962418350	Z	Z/2	0.09	c	257	ggkacabceefffhqsnqf
$M6_{259}$	4.4182407667	0.1677550298	Z	Z/2	0.09	c	258	ggjababceeffgqqgbxo
$M6_{260}$	4.4185736411	0.0155800328	Z	Z/2	0.21	c	259	gkgacaccdefffwkhhhg
$M6_{261}$	4.4192647496	0.1074024600	Z	Z/2	0.21	c	260	gfdacbcddeffqqqmbak
$M6_{262}$	4.4236342370	0.1494626769	Z	Z/2	0.08	c	261	gokaaabceefffhqnkxn
$M6_{263}$	4.4256729686	0.0993748312	Z	Z/2	0.08	c	262	ggkacabceefffaqgvhf
$M6_{264}$	4.4263758837	0.2331379876	Z	Z/2	0.08	c	263	gokaaabceefffaqobqb
$M6_{265}$	4.4265061148	0.1094135126	Z/8+Z	Z/2	0.08	c	264	gokaaabceefffaqobqk
$M6_{266}$	4.4308741325	0.1457234743	Z	Z/2	0.08	c	265	ggkacabceefffhqsnqg
$M6_{267}$	4.4339840642	0.2267944930	Z	Z/2	0.08	c	266	ggkababceefffhqbgxb
$M6_{268}$	4.4351801716	0.1201713298	Z	Z/2	0.20	c	267	gfjacbaddeffafbkqqb
$M6_{269}$	4.4357389414	0.1925915100	Z/7+Z	Z/2	0.08	c	268	gokaaabceefffhqnkxb
$M6_{270}$	4.4364854343	0.1714217603	Z	Z/2	0.08	c	269	ggjababceeffbqqbjaf
$M6_{271}$	4.4383955838	0.0184565112	Z	Z/2	0.08	c	270	ggkababceefffaqgfhf
$M6_{272}$	4.4400193163	0.2112722506	Z	Z/2	0.28	c	271	gdkacabddefffankxqo
$M6_{273}$	4.4400424195	0.0751687544	Z/5+Z	Z/2	0.18	c	272	gdjacbaddeffafngahg
$M6_{274}$	4.4407760177	0.1759899728	Z	Z/2	0.07	c	273	ggkababceefffaqgfhn
$M6_{275}$	4.4415369171	0.2299804973	Z	Z/2	0.20	c	274	ggkacabceefffaqvbxf
$M6_{276}$	4.4422651611	0.1464850891	Z	Z/2	0.20	c	275	gkoaaacdefffnkafsnw
$M6_{277}$	4.4455096108	0.0686100294	Z	Z/2	0.07	c	276	ggkababceefffhqbgxn
$M6_{278}$	4.4458922097	0.1707969076	Z/2+Z	Z/2	0.07	c	277	ggjababceeffbqqbjan
$M6_{279}$	4.4489147895	0.1254182254	Z	Z/2	0.18	c	278	gjkacabddefffhvoxqk
$M6_{280}$	4.4498298944	0.2018870882	Z	Z/2	0.19	c	279	ggjababceeffbqqjgxn
$M6_{281}$	4.4503637065	0.0896288674	Z	Z/2	0.07	c	280	ggjababceeffgqqgfhf
$M6_{282}$	4.4505657113	0.2419501658	Z	Z/2	0.20	c	281	gjfacbcddeffhhhefhk
$M6_{283}$	4.4529690749	0.2219910200	Z	Z/2	0.07	c	282	gokaaabceefffhqngqf
$M6_{284}$	4.4529764199	0.0965289548	Z	Z/2	0.19	c	283	gdkacabddefffhvbhhg
$M6_{285}$	4.4536366583	0.0643921646	Z	Z/2	0.07	c	284	gokaaabceefffhqngqg
$M6_{286}$	4.4537193891	0.0717081525	Z	Z/2	0.07	c	285	ggkacabceefffhqbsaf
$M6_{287}$	4.4541769878	0.2472567138	Z/2+Z	Z/2	0.07	c	286	ggjababceeffgqqgfhn

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$M6_{288}$	4.4543736948	0.1344718256	Z/2+Z	Z/2	0.37	c	287	ghjaabaefeffaftqttj
$M6_{289}$	4.4546639728	0.0011721370	Z	Z/2	0.17	c	288	gjkacabddefffasnahg
$M6_{290}$	4.4556806692	0.1520290874	Z	Z/2	0.19	c	289	gjkacabddefffasnxak
$M6_{291}$	4.4556988061	0.0918378453	Z	Z/2	0.25	c	290	gioacaccdefffkoaqqn
$M6_{292}$	4.4557193952	0.2311867839	Z	Z/2	0.25	c	291	gjkacabddefffhfohab
$M6_{293}$	4.4572112431	0.0699674276	Z	Z/2	0.17	c	292	gjkacabddefffhgvqaf
$M6_{294}$	4.4601128430	0.1917207743	Z	Z/2	0.18	c	293	ggfabbcbeeffaabskqg
$M6_{295}$	4.4617989226	0.0525095015	Z	Z/2	0.19	c	294	glkaaabdfefffanedfb
$M6_{296}$	4.4622594149	0.2295872448	Z	Z/2	0.06	c	295	ggkacabceefffhqbsan
$M6_{297}$	4.4646589115	0.0357656835	Z/2+Z	D2	0.59	c	296	gapabcedefffgvgkdae
$M6_{298}$	4.4646589115	0.2142343165	Z/6+Z	D2	0.59	c	297	gbpaafefdefeegxfbef
$M6_{299}$	4.4646589115	0.0357656835	Z/2+Z/4+Z	D2	0.39	c	298	gfdabbcdefffaaaaqha
$M6_{300}$	4.4646589115	0.2142343165	Z/2+Z/6+Z	D2	0.39	c	299	gfdabbcdefffaaaaqqx
$M6_{301}$	4.4650788463	0.1438208324	Z	Z/2	0.17	c	300	gioacaccdeffnkoaaan
$M6_{302}$	4.4659214903	0.2395218315	Z	Z/2	0.16	c	301	gfkacabddefffhgbqqo
$M6_{303}$	4.4662508806	0.2127781587	Z/2+Z	Z/2	0.17	c	302	ggkacabceefffaqvbqb
$M6_{304}$	4.4668325092	0.1985554785	Z	Z/2	0.18	c	303	gfkacabddefffhvfqqo
$M6_{305}$	4.4695162375	0.0248600475	Z	Z/2	0.24	c	304	gdjacbaddeffafnkaan
$M6_{306}$	4.4696470750	0.1888705291	Z	Z/2	0.06	c	305	ggkababceefffhqbkan
$M6_{307}$	4.4717625699	0.2179133327	Z/5+Z	Z/2	0.16	c	306	gdkacabddefffangxqo
$M6_{308}$	4.4719007332	0.1534217969	Z	Z/2	0.05	c	307	ggkababceefffhqbkaf
$M6_{309}$	4.4742444825	0.1379288714	Z	Z/2	0.16	c	308	gdkacabddefffhofhhg
$M6_{310}$	4.4769162614	0.0314053138	Z/9+Z	D2	0.26	c	309	gdkacabddefffankxaf
$M6_{311}$	4.4825076462	0.1335372087	Z	Z/2	0.24	c	310	gfkacabddefffhfbxhk
$M6_{312}$	4.4825199512	0.1943584729	Z	Z/2	0.27	c	311	gcnacbbddeffhgkohhk
$M6_{313}$	4.4834528003	0.0036496624	Z	Z/2	0.17	c	312	gddabbcedeffqqmpftb
$M6_{314}$	4.4844527830	0.1321890374	Z/3+Z	D2	0.56	c	313	gbpaadffedefktxbgku
$M6_{315}$	4.4848816588	0.0037189278	Z/5+Z	Z/2	0.15	c	314	ggkacabceefffaqfvhf
$M6_{316}$	4.4920848569	0.2080960862	Z	Z/2	0.17	c	315	gffacbcddeffhhhtoho
$M6_{317}$	4.4939162644	0.0459173415	Z	Z/2	0.26	c	316	gcnacbbddeffhgkohqk
$M6_{318}$	4.4942634270	0.1288133222	Z	Z/2	0.16	c	317	gjkacabddefffhgvqqg
$M6_{319}$	4.4974113935	0.1112394810	Z	Z/2	0.23	c	318	gchacbddeefftnnmlsf
$M6_{320}$	4.5004159430	0.1862816871	Z	Z/2	0.16	c	319	gkoaaacdeffffkafsnw
$M6_{321}$	4.5024221897	0.1482846122	Z	Z/2	0.14	c	320	gfkacabddefffhgfxhk
$M6_{322}$	4.5032841687	0.1216649675	Z	Z/2	0.16	c	321	ggjababceeffbqqnjxb
$M6_{323}$	4.5040657482	0.1967372938	Z	Z/2	0.15	c	322	gdkacabddefffhofhan
$M6_{324}$	4.5050266015	0.1454314746	Z	Z/2	0.14	c	323	gfkacabddefffhgfqaf
$M6_{325}$	4.5051348745	0.2017570277	Z	Z/2	0.15	c	324	gfkacabddefffhgbqak
$M6_{326}$	4.5055637768	0.0596708993	Z	Z/2	0.16	c	325	gjkacabddefffasnaan
$M6_{327}$	4.5057185652	0.0135351297	Z	Z/2	0.22	c	326	gfjacbaddeffafbkqhf
$M6_{328}$	4.5066636992	0.1887251264	Z	Z/2	0.16	c	327	gffacbcddeffaaaukqg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{329}$	4.5110609841	0.1806394832	Z	Z/2	0.15	c	328	gjkacabddefffhvoxhf
$M6_{330}$	4.5117254558	0.1318400989	Z	Z/2	0.15	c	329	gdjacbaddeffafngaan
$M6_{331}$	4.5134161550	0.1015320269	Z	Z/2	0.15	c	330	glkaaabdfefffhoplnw
$M6_{332}$	4.5143982214	0.0661366164	Z/2+Z	Z/2	0.14	c	331	gioacaccdeffnkoaqqb
$M6_{333}$	4.5171084561	0.1698105252	Z/2+Z	Z/2	0.13	c	332	gjkacabddefffhvohab
$M6_{334}$	4.5237040143	0.1246538790	Z/11+Z	Z/2	0.21	c	333	gioacaccdefffkohqqf
$M6_{335}$	4.5252771793	0.0441791065	Z	Z/2	0.13	c	334	ggkacabceefffhqsgqg
$M6_{336}$	4.5269386352	0.2462991770	Z	Z/2	0.13	c	335	gdkacabddefffhobhab
$M6_{337}$	4.5292189380	0.0439667584	Z	Z/2	0.21	c	336	gjkacabddefffasnxqg
$M6_{338}$	4.5308723369	0.2242409847	Z/3+Z	Z/2	0.14	c	337	gokaaabceefffaqbfhk
$M6_{339}$	4.5363041026	0.0835652315	Z	Z/2	0.20	c	338	ggfabbcbeeffaabskan
$M6_{340}$	4.5379568462	0.0877708373	Z/7+Z	Z/2	0.14	c	339	gjfacbcddeffhhhefhf
$M6_{341}$	4.5396182432	0.0480164103	Z/2+Z	Z/2	0.12	c	340	gdkacabddefffhobxqn
$M6_{342}$	4.5409725061	0.2223755250	Z	Z/2	0.13	c	341	glkaaabdfefffholikg
$M6_{343}$	4.5427118510	0.0002982546	Z/2+Z	Z/2	0.12	c	342	gokaaabceefffaqvbqk
$M6_{344}$	4.5441188808	0.2151652670	Z	Z/2	0.11	c	343	ggkababceefffaqvfhn
$M6_{345}$	4.5470856237	0.0699778059	Z	Z/2	0.11	c	344	ggjababceefffhhvfhn
$M6_{346}$	4.5490896291	0.0482050992	Z	Z/2	0.71	c	345	gapabdecdeffnvvnvqf
$M6_{347}$	4.5495183072	0.1662924424	Z	Z/2	0.11	c	346	ggkacabceefffhqksan
$M6_{348}$	4.5510177702	0.1448351308	Z/2+Z	Z/2	0.11	c	347	ggjababceeffgqqvfhn
$M6_{349}$	4.5559188899	0.0374034131	Z/8+Z	D2	0.47	c	348	gblacacdedfffnhagqo
$M6_{350}$	4.5559188899	0.1207367465	Z/10+Z	D2	0.47	c	349	gblacacdedffknhagqo
$M6_{351}$	4.5559188899	0.1207367465	Z/2+Z	D2	0.47	c	350	gnfaabcdefffaaafjbs
$M6_{352}$	4.5586917043	0.2280339957	Z	Z/2	0.12	c	351	ggkababceefffhqkgqo
$M6_{353}$	4.5620063111	0.2054480842	Z	Z/2	0.12	c	352	ggjababceefffhhfbqn
$M6_{354}$	4.5629654983	0.0502578870	Z	Z/2	0.21	c	353	gjkacabddefffhgvhhg
$M6_{355}$	4.5635693073	0.2026906796	Z	Z/2	0.12	c	354	gfkacabddefffhgfqqg
$M6_{356}$	4.5656434161	0.0171642754	Z	Z/2	0.21	c	355	gjkacabddefffasnqqk
$M6_{357}$	4.5729620231	0.1233505147	Z	Z/2	0.18	c	356	ggkacabceefffaqvbqk
$M6_{358}$	4.5732250762	0.1919704541	Z	Z/2	0.18	c	357	gioacaccdefffkoaaan
$M6_{359}$	4.5742795153	0.2200585224	Z	Z/2	0.20	c	358	gfkacabddefffhgbxhk
$M6_{360}$	4.5760858131	0.2465709386	Z	Z/2	0.48	c	359	gglaacceedffmfetfbf
$M6_{361}$	4.5780872906	0.1999578637	Z	Z/2	0.11	c	360	gkgacaccdefffwkhhho
$M6_{362}$	4.5792584774	0.2296414678	Z	Z/2	0.11	c	361	ggkababceefffaqvfqb
$M6_{363}$	4.5835632298	0.1968227593	Z	Z/2	0.11	c	362	gdkacabddefffhobhho
$M6_{364}$	4.5838519217	0.2348322708	Z/11+Z	Z/2	0.17	c	363	ggjababceeffgqqfbxo
$M6_{365}$	4.5848089776	0.0551081572	Z/9+Z	Z/2	0.10	c	364	gokaaabceefffaqvbhf
$M6_{366}$	4.5848423199	0.1176546018	Z	Z/2	0.19	c	365	gdkacabddefffhofxqn
$M6_{367}$	4.5860971084	0.1690767314	Z	Z/2	0.09	c	366	gokaaabceefffhqsgqf
$M6_{368}$	4.5875264698	0.2392202200	Z	Z/2	0.17	c	367	gdjacbaddeffafngaho
$M6_{369}$	4.5879127044	0.0456517947	Z	Z/2	0.09	c	368	ggkababceefffhqskaf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{370}$	4.5884057042	0.1659821473	Z	Z/2	0.17	c	369	gfkacabddefffhfbqqo
$M6_{371}$	4.5889325565	0.2241369764	Z	Z/2	0.20	c	370	gjkacabddefffasnqhk
$M6_{372}$	4.5908270588	0.2077789026	Z/11+Z	Z/2	0.19	c	371	gjkacabddefffhgvhab
$M6_{373}$	4.5914293570	0.1053794046	Z/9+Z	Z/2	0.10	c	372	gokaaabceefffhqgkaf
$M6_{374}$	4.5931050724	0.2112649148	Z/2+Z	Z/2	0.17	c	373	gjkacabddefffhvoxqb
$M6_{375}$	4.5938395735	0.0956509514	Z	Z/2	0.16	c	374	gfkacabddefffhgbqqg
$M6_{376}$	4.5938945792	0.1598231434	Z	Z/2	0.17	c	375	ggkacabceefffaqfvhn
$M6_{377}$	4.5939380670	0.1256942043	Z	Z/2	0.10	c	376	ggjababceefffhhvfqb
$M6_{378}$	4.5967249173	0.2076795739	Z	Z/2	0.58	c	377	gcpaadecfffejkoexek
$M6_{379}$	4.5978636339	0.1972743158	Z/4+Z	Z/2	0.16	c	378	gdkacabddefffhofhho
$M6_{380}$	4.6006096627	0.0380930768	Z	Z/2	0.18	c	379	gfkacabddefffhgbxqn
$M6_{381}$	4.6047411087	0.2005010695	Z/3+Z	Z/2	0.19	c	380	gdkacabddefffangqhk
$M6_{382}$	4.6105042273	0.1400017989	Z	Z/2	0.50	c	381	gcpaadecfffejkgexek
$M6_{383}$	4.6109625244	0.1175235776	Z	Z/2	0.15	c	382	gdkacabddefffangxqg
$M6_{384}$	4.6109866422	0.1400950172	Z/3+Z	Z/2	0.18	c	383	gdkacabddefffhofxhk
$M6_{385}$	4.6119613745	0.1561475886	Z	Z/2	0.45	c	384	gblabacdefefknhhhgk
$M6_{386}$	4.6119613745	0.0728142553	Z	Z/2	0.45	c	385	gknaabbeeeffabhqaxn
$M6_{387}$	4.6131179030	0.1587953822	Z/6+Z	D2	0.29	c	386	gapabccedfffoknnqaq
$M6_{388}$	4.6131179030	0.0912046178	Z/14+Z	D2	0.29	c	387	gapabccedfffoknnqxh
$M6_{389}$	4.6151684726	0.0585296112	Z	Z/2	0.18	c	388	gdkacabddefffangqqk
$M6_{390}$	4.6180466489	0.1011816894	Z	Z/2	0.08	c	389	ggkababceefffhqskqg
$M6_{391}$	4.6253949149	0.2248802639	Z/3+Z	Z/2	0.08	c	390	gokaaabceefffhqsgak
$M6_{392}$	4.6277556342	0.1983350361	Z/2+Z	Z/2	0.28	c	391	ghkaaabffeeffhttthc
$M6_{393}$	4.6282420473	0.2294812841	Z	Z/2	0.14	c	392	gioacaccdefffkoaqqb
$M6_{394}$	4.6363379419	0.2081486869	Z	Z/2	0.14	c	393	ggkacabceefffhqsgqf
$M6_{395}$	4.6370466684	0.1009907461	Z	Z/2	0.32	c	394	gbpaaeffdedfbuxnobu
$M6_{396}$	4.6389150226	0.1507577887	Z	Z/2	0.16	c	395	gjkacabddefffhvoqqf
$M6_{397}$	4.6404640428	0.1968929775	Z/2+Z	Z/2	0.27	c	396	ghkaaabeeffffhuuquc
$M6_{398}$	4.6433600647	0.1874716029	Z	Z/2	0.13	c	397	gfkacabddefffhgfxhf
$M6_{399}$	4.6452806171	0.1902833772	Z	Z/2	0.13	c	398	gfkacabddefffhgfqak
$M6_{400}$	4.6472898373	0.1655587249	Z	Z/2	0.13	c	399	gjkacabddefffhvohan
$M6_{401}$	4.6503519657	0.1628787191	Z	Z/2	0.32	c	400	gbpaadeffdfefnxdbdn
$M6_{402}$	4.6505034231	0.0227179895	Z/13+Z	Z/2	0.20	c	401	gfkacabddefffhvfhhg
$M6_{403}$	4.6534416336	0.1253549298	Z	Z/2	0.20	c	402	gdkacabddefffhvbqqf
$M6_{404}$	4.6561947702	0.2276750085	Z	D2	0.41	c	403	gdhaacceeffftoxedlc
$M6_{405}$	4.6583960517	0.1075526724	Z	Z/2	0.15	c	404	gjkacabddefffhvoqaf
$M6_{406}$	4.6586932207	0.1279759348	Z	Z/2	0.15	c	405	gfkacabddefffhgfhhg
$M6_{407}$	4.6595528629	0.1308932494	Z	Z/2	0.15	c	406	gfkacabddefffhgfhab
$M6_{408}$	4.6638309228	0.1701613997	Z	Z/2	0.12	c	407	ggkacabceefffhqksaf
$M6_{409}$	4.6650648516	0.1079466685	Z/6+Z	Z/2	0.26	c	408	gknaabbdefefhgkxafb
$M6_{410}$	4.6670427930	0.0896061560	Z/2+Z	Z/2	0.12	c	409	gdkacabddefffhobhan

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$M6_{411}$	4.6758447584	0.1215656189	Z	Z/2	0.11	c	410	ggkababceefffaqvfhf
$M6_{412}$	4.6765392995	0.2123206118	Z	Z/2	0.11	c	411	gdkacabddefffhobxqb
$M6_{413}$	4.6769405675	0.2238484819	Z/2+Z	D2	0.25	c	412	gkoaaacdfeffnkakngr
$M6_{414}$	4.6769405675	0.0261515181	Z/14+Z	D2	0.25	c	413	gkoaaacdfeffnkaknwb
$M6_{415}$	4.6774802835	0.1630689864	Z	Z/2	0.11	c	414	gokaaabceefffaqvbqb
$M6_{416}$	4.6792960513	0.1919278183	Z	Z/2	0.11	c	415	gioacaccdefffkohqqg
$M6_{417}$	4.6839000714	0.2334912539	Z	Z/2	0.11	c	416	ggjababceefffhhvfhf
$M6_{418}$	4.6861182651	0.2242900558	Z	Z/2	0.45	c	417	gclaccdddeffirordqo
$M6_{419}$	4.6890487241	0.0300530021	Z/9+Z	Z/2	0.13	c	418	gdkacabddefffhobqaf
$M6_{420}$	4.6931015652	0.2286286760	Z	Z/2	0.13	c	419	gdkacabddefffhobqqf
$M6_{421}$	4.7135368139	0.1997846666	Z/2+Z	Z/2	0.40	c	420	gklaabcedeffpnpkqsg
$M6_{422}$	4.7172727058	0.2090585546	Z	Z/2	0.08	c	421	ggkababceefffhqskan
$M6_{423}$	4.7193927325	0.1673879132	Z	Z/2	0.08	c	422	gokaaabceefffhqsgqg
$M6_{424}$	4.7254015851	0.0594960479	Z/14+Z	D2	0.40	c	423	gblacacdedffknaabaf
$M6_{425}$	4.7254015851	0.0594960479	Z/6+Z	D2	0.40	c	424	gnfaabcdfeffaaannbk
$M6_{426}$	4.7257162666	0.2229159209	Z	Z/2	0.19	c	425	gdkacabddefffhvbhho
$M6_{427}$	4.7259743699	0.2474570026	Z/6+Z	D2	0.22	c	426	gnjaabadefffafbqarg
$M6_{428}$	4.7259743699	0.0025429974	Z/10+Z	D2	0.22	c	427	gnjaabadefffafbqqbg
$M6_{429}$	4.7262374072	0.1868588439	Z	Z/2	0.26	c	428	ghjaabaefeefafqqhag
$M6_{430}$	4.7315511864	0.1551073017	Z	Z/2	0.20	c	429	gdkacabddefffhvbhab
$M6_{431}$	4.7333465136	0.1207174426	Z	Z/2	0.18	c	430	gfkacabddefffhvfqqg
$M6_{432}$	4.7372902267	0.1426325633	Z/3+Z	D2	0.38	c	432	gnfaabcdfeffaaannbg
$M6_{433}$	4.7372902267	0.1073674367	Z/13+Z	D2	0.19	c	431	gfkacabddefffhgbxhf
$M6_{434}$	4.7377175215	0.0527340155	Z/13+Z	Z/2	0.19	c	433	gfkacabddefffhvfqaf
$M6_{435}$	4.7444535991	0.2095960951	Z	Z/2	0.19	c	434	gdkacabddefffhofxqb
$M6_{436}$	4.7459448433	0.0577011416	Z/2+Z/2+Z	D2	0.21	c	435	gkoaaacdfefffkakngr
$M6_{437}$	4.7459448433	0.1922988584	Z/2+Z/8+Z	D2	0.21	c	436	gkoaaacdfefffkaknwb
$M6_{438}$	4.7494999819	0.0027542136	Z/14+Z	D2	0.38	c	437	gblabbdedfeflgaoubb
$M6_{439}$	4.7494999819	0.0027542136	Z/2+Z	Z/2	0.25	c	438	gbpaafdfdefeigxkoin
$M6_{440}$	4.7517019655	0.1049520398	Z/6+Z	D2	0.36	c	440	gflaaaceefffknacjsc
$M6_{441}$	4.7517019655	0.1882853732	Z/12+Z	D2	0.36	c	442	gnfaabcdefefaaannkn
$M6_{442}$	4.7517019655	0.1882853732	Z/12+Z	D2	0.18	c	439	gdkacabddefffhofxhf
$M6_{443}$	4.7565487790	0.0257463205	Z	Z/2	0.25	c	444	gblabacdefefknhhhof
$M6_{444}$	4.7593970822	0.1887308305	Z/3+Z	D2	0.35	c	445	gflaaaceefffknacjwc
$M6_{445}$	4.7611433337	0.0693290023	Z	Z/2	0.24	c	446	gblabacdefefknahaof
$M6_{446}$	4.7657089985	0.0570170299	Z	Z/2	0.24	c	447	ghjaabafffeeafaqhak
$M6_{447}$	4.7659399179	0.1985945635	Z/2+Z	Z/2	0.62	c	448	gbpaaedffdfegbxlslg
$M6_{448}$	4.7675769321	0.1276070592	Z/3+Z	Z/2	0.18	c	449	gdkacabddefffangqhf
$M6_{449}$	4.7685098595	0.2357550749	Z	Z/2	0.54	c	450	gapabdecdeffnvvnvao
$M6_{450}$	4.7698896023	0.0725353974	Z	Z/2	0.55	c	451	gnfaabcdefefhhhfffg
$M6_{451}$	4.7702677014	0.2300586332	Z	Z/2	0.18	c	452	gdkacabddefffangqqb

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$M6_{452}$	4.7746989758	0.2434253601	Z/14+Z	D2	0.19	c	453	ghjaabadfeffhkfhhof
$M6_{453}$	4.7746989758	0.0065746399	Z/2+Z	D2	0.19	c	454	ghjaabadfeffhkfqhos
$M6_{454}$	4.7779562056	0.2491124493	Z/3+Z	D2	0.35	c	455	gfnaabcdfeffmgbdusk
$M6_{455}$	4.7807548442	0.0406056095	Z	Z/2	0.23	c	456	gcoacacdedffnkhhfqk
$M6_{456}$	4.7809217386	0.1574512314	Z/2+Z	Z/2	0.42	c	457	gblacacdedffknhagaf
$M6_{457}$	4.7849949260	0.1654106861	Z/3+Z	D2	0.34	c	458	gfhaabcdefffukndmwr
$M6_{458}$	4.7904032566	0.1381496627	Z	Z/2	0.35	c	459	gglaaccedeffmfenpbg
$M6_{459}$	4.7978508838	0.1339286107	Z	Z/2	0.42	c	460	gbpaaceffdferkxdodk
$M6_{460}$	4.8002825807	0.1768807096	Z/2+Z	Z/2	0.16	c	461	gjkacabddefffhvoqqg
$M6_{461}$	4.8054933554	0.2208513999	Z	Z/2	0.15	c	462	gjkacabddefffhvoqak
$M6_{462}$	4.8138191861	0.0000000000	Z/3+Z/3+Z	D4	0.67	a	464	gffabbcdefffaaaqhmd
$M6_{463}$	4.8138191861	0.2500000000	Z/13+Z	Z/2+Z/4	0.67	a	463	gffabbcdefffaaaqhlu
$M6_{464}$	4.8166144929	0.2002408679	Z	Z/2	0.15	c	465	gfkacabddefffhgfhhf
$M6_{465}$	4.8168342986	0.1973535715	Z	Z/2	0.15	c	466	gfkacabddefffhgfhan
$M6_{466}$	4.8205568675	0.1300475193	Z	Z/2	0.37	c	467	gddacbcdedffqqaabaf
$M6_{467}$	4.8331358726	0.1048517742	Z	Z/2	0.38	c	468	gblabacdefefknaxaff
$M6_{468}$	4.8380493627	0.1838739165	Z	D2	0.32	c	469	gfhaabcdfeffukneefr
$M6_{469}$	4.8386676597	0.1418005647	Z/2+Z	Z/2	0.15	c	470	ghjaabadfeefhkfhxgn
$M6_{470}$	4.8424787603	0.0084430622	Z	Z/2	0.36	c	471	ghjaabafefefafuuupj
$M6_{471}$	4.8435426596	0.0212843813	Z	Z/2	0.35	c	472	gknaabbdefefhgkhhff
$M6_{472}$	4.8442003397	0.1769674431	Z	Z/2	0.19	c	473	ghjaabadfeefafgqafg
$M6_{473}$	4.8461107696	0.1730058520	Z	Z/2	0.31	c	474	gcoacacdedfffkhhfhf
$M6_{474}$	4.8468232743	0.2019630224	Z/6+Z	Z/2	0.13	c	475	gdkacabddefffhobqak
$M6_{475}$	4.8478660193	0.0996069878	Z	Z/2	0.13	c	476	gdkacabddefffhobqqg
$M6_{476}$	4.8511707573	0.1455942281	Z/4+Z	D2	0.80	c	478	ghdaabcdefffaaxfofr
$M6_{477}$	4.8511707573	0.1455942281	Z/4+Z	D2	0.80	c	479	ghdaabcdefffaaxvckr
$M6_{478}$	4.8511707573	0.1044057719	Z/4+Z	D2	0.80	c	480	ghdaabceefffaaqfswj
$M6_{479}$	4.8511707573	0.1044057719	Z/16+Z	D2	0.32	c	477	gblacacdedfffnaabaf
$M6_{480}$	4.8522196435	0.1546042833	Z/3+Z	Z/2	0.69	c	481	gdhaabffeefelpulxat
$M6_{481}$	4.8529737876	0.1105353409	Z	Z/2	0.36	c	482	gboacadeddfffhhaqqn
$M6_{482}$	4.8530161115	0.2113367716	Z/6+Z	Z/2	0.14	c	483	gnkaaabdfeeffhgqxok
$M6_{483}$	4.8534393333	0.2137233152	Z	Z/2	0.38	c	484	gblacacdedffknhagqg
$M6_{484}$	4.8536897259	0.1265405966	Z/2+Z	Z/2	0.18	c	485	gnkaaabdfeeffhvxqng
$M6_{485}$	4.8583304079	0.0775291670	Z/6+Z	D2	0.14	c	486	gnkaaabdfefffhghqrb
$M6_{486}$	4.8583304079	0.1724708330	Z/14+Z	D2	0.14	c	487	gnkaaabdfefffhgqqgb
$M6_{487}$	4.8611375243	0.0781561811	Z/11+Z	D2	0.64	c	488	gclabccdefffmfkeqfj
$M6_{488}$	4.8611375243	0.1718438189	Z/3+Z	D2	0.64	c	489	gclabccdefffmfkeqso
$M6_{489}$	4.8696486122	0.0091933138	Z	Z/2	0.49	c	490	gcoacacdedfffkhhghk
$M6_{490}$	4.8711828917	0.0714304895	Z/2+Z/8+Z	D2	0.13	c	491	glkaaabdfefffhohhof
$M6_{491}$	4.8711828917	0.1785695105	Z/2+Z/2+Z	D2	0.13	c	492	glkaaabdfefffhoqhjf
$M6_{492}$	4.8736769989	0.0734293058	Z/3+Z	Z/2	0.64	c	493	gcpaadeffdfeckpabuk

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$M6_{493}$	4.8755503608	0.0130925884	Z	Z/2	0.17	c	494	ghkaaabeefeffhqaqhb
$M6_{494}$	4.8769995688	0.0125564707	Z/3+Z	Z/2	0.65	c	495	gbpaacffdeefctxcgku
$M6_{495}$	4.8804454289	0.0402277451	Z/9+Z	Z/2	0.33	c	496	gddabacedfeffkaaqko
$M6_{496}$	4.8805364592	0.2295146974	Z/3+Z	D2	0.28	c	497	gkoaaacdeffffkavvjs
$M6_{497}$	4.8810973133	0.1834343679	Z/8+Z	Z/2	0.41	c	498	gblacacdedfffnhagaf
$M6_{498}$	4.8817115366	0.1458333333	Z/6+Z	D2	0.28	c	499	gkoaaacdeffffkavvjr
$M6_{499}$	4.8864113940	0.1155256747	Z/4+Z	Z/2	0.43	c	500	gnfaabcdefefaaaknkn
$M6_{500}$	4.8867003134	0.1147146189	Z/2+Z	Z/2	0.16	c	501	ghkaaabfffeefhhaqhf
$M6_{501}$	4.8926954965	0.0782857981	Z	Z/2	0.49	c	502	gapabdecdeffnvvnvag
$M6_{502}$	4.8937641326	0.0794739355	Z/2+Z	Z/2	0.27	c	504	ghjaabadfeefafkqakg
$M6_{503}$	4.8937641326	0.1628072688	Z/2+Z	Z/2	0.27	c	505	ghjaabaefeefafqqhao
$M6_{504}$	4.8941556680	0.1921958763	Z	Z/2	0.34	c	507	gcpaadecfffejkgexeb
$M6_{505}$	4.8964727933	0.2166458031	Z	Z/2	0.33	c	508	ghjaabadfeefhkfqqbb
$M6_{506}$	4.8971570931	0.1279868754	Z	Z/2	0.40	c	509	gblacacdedfffnhagqg
$M6_{507}$	4.8977782994	0.1888604434	Z/2+Z	Z/2	0.11	c	510	glkaaabdfeeffhohxgn
$M6_{508}$	4.9026439057	0.1090360397	Z	Z/2	0.27	c	511	gcoacacdedfffkhhfqk
$M6_{509}$	4.9043682005	0.0474159741	Z/2+Z	Z/2	0.38	c	512	gboacaeedefffahaqqo
$M6_{510}$	4.9052624185	0.1744053818	Z/7+Z	Z/2	0.41	c	513	gblacacdedffknaxbab
$M6_{511}$	4.9093162663	0.1873348516	Z	Z/2	0.28	c	514	glkaaabeefeffaahxqb
$M6_{512}$	4.9093162663	0.1040015183	Z	Z/2	0.28	c	515	gnkaaabdefeffasqxok
$M6_{513}$	4.9107771648	0.1068162370	Z	Z/2	0.14	c	516	ghkaaabdfeeffhfqhfn
$M6_{514}$	4.9109894687	0.1275573579	Z	Z/2	0.32	c	517	gblabacdefefknhxhfk
$M6_{515}$	4.9163853695	0.0684353615	Z/2+Z	Z/2	0.37	c	518	gknaabbdefefhgkhafb
$M6_{516}$	4.9214828483	0.1229861120	Z/2+Z	D2	0.26	c	519	gkoaaacdefffnkacccv
$M6_{517}$	4.9214828483	0.1686805546	Z/2+Z	Z/2	0.26	c	520	glkaaabdfeeffhvxhkg
$M6_{518}$	4.9214828483	0.2479861120	Z/2+Z	Z/2	0.26	c	521	glkaaabefeeffhqxahf
$M6_{519}$	4.9277364935	0.1785829840	Z	Z/2	0.33	c	522	gblacacdedffknhagak
$M6_{520}$	4.9327140585	0.2052626230	Z/2+Z	D2	0.25	c	523	gkoaaacdefffnkakkjs
$M6_{521}$	4.9331024141	0.0058820027	Z/2+Z	Z/2	0.13	c	524	ghkaaabdfeeffhbqhkb
$M6_{522}$	4.9347962343	0.0179394252	Z	Z/2	0.37	c	525	gbpaaceffdferkxdgdk
$M6_{523}$	4.9352426783	0.2129185147	Z	D2	0.26	c	526	gcoabacdefffnkamdtl
$M6_{524}$	4.9387455034	0.1567730236	Z	D2	0.61	c	528	gglaacceefffmfetmdb
$M6_{525}$	4.9387455034	0.0932269764	Z/7+Z	D2	0.47	c	527	gglaacceedffmfetgbf
$M6_{526}$	4.9396864478	0.2163582381	Z/2+Z	Z/2	0.35	c	529	gblabacdefefknhxhnk
$M6_{527}$	4.9398455443	0.1944529513	Z/2+Z	Z/2	0.34	c	530	gknaabbdefefhgkxhfg
$M6_{528}$	4.9409507303	0.1183133928	Z	Z/2	0.30	c	531	gblacacdedffknhxgab
$M6_{529}$	4.9424706951	0.1411215640	Z/5+Z	Z/2	0.30	c	532	gblabacdefeffraaabf
$M6_{530}$	4.9446279630	0.1241719469	Z	Z/2	0.40	c	533	gblacacdedffkrxafaf
$M6_{531}$	4.9451719621	0.0402544768	Z	Z/2	0.37	c	534	gcpaadecfffejkoexeb
$M6_{532}$	4.9486670740	0.0424860659	Z/7+Z	Z/2	0.45	c	535	gklaabcedeffpnpnhok
$M6_{533}$	4.9488291474	0.0540434042	Z	Z/2	0.29	c	536	ghkaaabeeffffhuuiuc

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{534}$	4.9532993891	0.1302016717	Z	D2	0.24	c	537	gkoaaacdeffffkakkjs
$M6_{535}$	4.9547530609	0.2012860020	Z/2+Z	Z/2	0.31	c	538	gbpaaceffdferkxdodb
$M6_{536}$	4.9555422429	0.0475789905	Z	Z/2	0.35	c	539	gblabacdefefknaxanf
$M6_{537}$	4.9590741052	0.0728953525	Z	Z/2	0.38	c	540	gblacacdedffknahbqn
$M6_{538}$	4.9622312196	0.0213839448	Z	Z/2	0.44	c	541	gblacacdedffknhhoqn
$M6_{539}$	4.9627034864	0.0818428844	Z	Z/2	0.24	c	542	gcoacacdedfffkhafaf
$M6_{540}$	4.9656322902	0.1568885376	Z	Z/2	0.43	c	543	gklaabcedeffpnpnhsf
$M6_{541}$	4.9666036173	0.1037423096	Z	Z/2	0.39	c	544	gblacacdedffknaakaf
$M6_{542}$	4.9669433510	0.2380170066	Z/3+Z	Z/2	0.28	c	545	gknaabbdefefhgkxafk
$M6_{543}$	4.9680107059	0.2144361344	Z	Z/2	0.33	c	546	gddabbcdefefaahhqbo
$M6_{544}$	4.9717900479	0.0436221383	Z	Z/2	0.44	c	547	gnfaabcdefefhhhfofn
$M6_{545}$	4.9767702943	0.1763839934	Z/2+Z	Z/2	0.23	c	550	ghjaabadfeefafgqakg
$M6_{546}$	4.9767702943	0.0930506601	Z/2+Z	Z/2	0.23	c	551	ghjaabafffeeafaqhaf
$M6_{547}$	4.9777568492	0.1494715491	Z	Z/2	0.38	c	552	gknaabbdefefhgkxhkg
$M6_{548}$	4.9794177965	0.2250407103	Z/2+Z	Z/2	0.22	c	553	gcoacacdedfffkhhfqb
$M6_{549}$	4.9832559418	0.2006834136	Z/2+Z	Z/2	0.87	c	554	gbhabcedefffqikxxhn
$M6_{550}$	4.9850294842	0.0057515228	Z/7+Z	Z/2	0.37	c	555	gblacacdedffknhaoaf
$M6_{551}$	4.9887397642	0.1544848916	Z/3+Z	Z/2	0.40	c	556	gnfaabcdefefhhhoofn
$M6_{552}$	4.9933488960	0.1289718583	Z/5+Z	Z/2	0.28	c	557	gddacbcdedffqqaabqo
$M6_{553}$	4.9948564041	0.1164816133	Z	D2	0.22	c	558	gcoabacdefffnkamdal
$M6_{554}$	4.9951642850	0.1586544813	Z	Z/2	0.26	c	559	ghkaaabffeeffhtttmc
$M6_{555}$	4.9955833833	0.1495888249	Z	Z/2	0.28	c	560	gboacadeddfffhhaqhk
$M6_{556}$	5.0018906787	0.0852628729	Z	Z/2	0.38	c	561	gboabacedfeffnhaqoo
$M6_{557}$	5.0057824382	0.0201034486	Z	Z/2	0.33	c	562	gblacacdedfffnhagak
$M6_{558}$	5.0061936586	0.1456269405	Z	Z/2	0.21	c	563	glkaaabefeeffhhxaqg
$M6_{559}$	5.0061936586	0.2289602738	Z	Z/2	0.21	c	564	gnkaaabdfeeffhvxqnf
$M6_{560}$	5.0080019188	0.1729391031	Z	Z/2	0.21	c	565	gcoacacdedfffkhafqf
$M6_{561}$	5.0140795308	0.1718173867	Z	Z/2	0.64	c	566	gldaabcdfeffqqhffkn
$M6_{562}$	5.0192700860	0.0919345243	Z	Z/2	0.36	c	567	gboabacedfefnnhaqgo
$M6_{563}$	5.0312959689	0.2179866843	Z/2+Z	D2	0.20	c	570	gcoabacdeffffkamdal
$M6_{564}$	5.0317908889	0.0610574838	Z	Z/2	0.34	c	571	gapaccedcdffggbgnhk
$M6_{565}$	5.0327661756	0.2119767045	Z/5+Z	D2	0.77	c	572	gflaaacdfefffnqwwbn
$M6_{566}$	5.0341848229	0.2279880318	Z	Z/2	0.44	c	573	gnfaabcdefefhhhoffg
$M6_{567}$	5.0380616115	0.1334653527	Z	Z/2	0.47	c	574	gcoabacdefeffkhhqfk
$M6_{568}$	5.0400545418	0.1501627845	Z	Z/2	0.23	c	575	gnkaaabdfeeffhghhff
$M6_{569}$	5.0448991629	0.0215527896	Z/3+Z	D2	0.54	c	581	gnfaabcdefffaaakkrw
$M6_{570}$	5.0448991629	0.2284472104	Z	D2	0.53	c	580	gnfaabcdefefaaakkbb
$M6_{571}$	5.0463701447	0.1637929081	Z	Z/2	0.33	c	582	gboabacedfefnohaqoo
$M6_{572}$	5.0485801834	0.1526133713	Z	Z/2	0.25	c	583	gcoacacdedffnkxafqf
$M6_{573}$	5.0527107814	0.1465124466	Z/2+Z	Z/2	0.30	c	584	gbpaaceffdferkxdgdb
$M6_{574}$	5.0557961754	0.0469356457	Z	Z/2	0.22	c	585	glkaaabdfeeffhoqqbb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{575}$	5.0610043484	0.1952557380	Z	Z/2	0.23	c	586	gddacbcdedffqqaabak
$M6_{576}$	5.0616948677	0.1126596508	Z/3+Z	Z/2	0.32	c	587	gbnabacedfefffhhafb
$M6_{577}$	5.0622773625	0.2456136287	Z	Z/2	0.17	c	588	ghkaaabdfeeffhfqhfb
$M6_{578}$	5.0622773625	0.1622802954	Z	Z/2	0.17	c	589	ghkaaabeefeffhqaqhn
$M6_{579}$	5.0667386487	0.1280468219	Z/5+Z	Z/2	0.23	c	590	gcoacacdedffnkxhfqk
$M6_{580}$	5.0691939143	0.2304378700	Z/7+Z	Z/2	0.36	c	591	gcoacacdedfffkxafaf
$M6_{581}$	5.0701986014	0.0388337417	Z	Z/2	0.27	c	592	gblacacdedfffnhxgab
$M6_{582}$	5.0706748654	0.2041084281	Z	Z/2	0.38	c	593	gblabacdefeffnxxhno
$M6_{583}$	5.0747080320	0.1250000000	Z/2+Z/4+Z	D2	0.83	c	594	gbpaadfcfeeffmghwgm
$M6_{584}$	5.0747080320	0.0000000000	Z/2+Z/2+Z	D2	0.83	c	595	gddabbcdefffaaqqhhx
$M6_{585}$	5.0748882357	0.2087647925	Z	Z/2	0.41	c	597	gblabacdefefkrxaabb
$M6_{586}$	5.0772998601	0.2159195997	Z	Z/2	0.23	c	598	gboacadeddfffhhaqqb
$M6_{587}$	5.0779784561	0.1202104310	Z	Z/2	0.68	c	599	gchabdbeefeftfhueuf
$M6_{588}$	5.0816311171	0.1463198127	Z	Z/2	0.32	c	600	gknaabbdefefhgkxhff
$M6_{589}$	5.0840384393	0.1383887607	Z	Z/2	0.31	c	603	glkaaabdfeeffanqqfg
$M6_{590}$	5.0845520565	0.0889938876	Z/2+Z	Z/2	0.37	c	604	gblacacdedffknahkqn
$M6_{591}$	5.0845824826	0.2036985926	Z	Z/2	0.26	c	605	gblacacdedfffnhxghg
$M6_{592}$	5.0855752951	0.1528681252	Z	Z/2	0.16	c	606	ghkaaabdfeeffhbqhfb
$M6_{593}$	5.0855752951	0.2362014585	Z	Z/2	0.16	c	607	ghkaaabfffeefhhaqhk
$M6_{594}$	5.0870869725	0.2193059870	Z	Z/2	0.22	c	608	gblabacdefefknaxafk
$M6_{595}$	5.0871416280	0.1724422935	Z/2+Z	Z/2	0.27	c	609	ghjaabadfeefhkfhqbn
$M6_{596}$	5.0884845142	0.1926567783	Z/2+Z	Z/2	0.28	c	610	gboacaeedefffahaqaf
$M6_{597}$	5.0890930282	0.2338569803	Z	Z/2	0.36	c	611	gcoabacdefeffkaaakf
$M6_{598}$	5.0934125958	0.1613907365	Z	Z/2	0.35	c	612	gblacacdedfffnaxbab
$M6_{599}$	5.0940469095	0.2222374571	Z	Z/2	0.35	c	613	gbhacdcdedffafkakaf
$M6_{600}$	5.0971395215	0.0481412752	Z/10+Z	Z/2	0.26	c	614	ghjaabadfeefhkfqxgn
$M6_{601}$	5.0990932002	0.2400637084	Z	Z/2	0.53	c	615	ggoaaacefefffkakjoo
$M6_{602}$	5.0995419963	0.1549884965	Z	Z/2	0.40	c	616	gcoabacdefeffkahaff
$M6_{603}$	5.1013736281	0.2436504951	Z	Z/2	0.15	c	617	ghkaaabdfeeffhfqhkn
$M6_{604}$	5.1031539709	0.2432812774	Z	Z/2	0.38	c	618	gboabacedfefnnhaqoo
$M6_{605}$	5.1036014507	0.2100268395	Z	Z/2	0.20	c	619	ghkaaabdfeeffhfqxon
$M6_{606}$	5.1046941492	0.1873938814	Z/2+Z	Z/2	0.20	c	620	ghkaaabdfeeffhbxhkg
$M6_{607}$	5.1070329120	0.2078101227	Z	Z/2	0.19	c	623	glkaaabdfeeffanaxnf
$M6_{608}$	5.1092689205	0.0281049965	Z	Z/2	0.26	c	624	ghjaabafffeeafaqhxb
$M6_{609}$	5.1098039942	0.2023592314	Z/2+Z	Z/2	0.20	c	625	ghkaaabfffeefhhaqxo
$M6_{610}$	5.1129509789	0.2006758835	Z/2+Z	D2	0.48	c	626	gblabacdefffknhahlu
$M6_{611}$	5.1129509789	0.0493241165	Z/14+Z	D2	0.38	c	627	gblacacdedffknhaoqg
$M6_{612}$	5.1133022190	0.1551061878	Z/2+Z	Z/2	0.14	c	628	ghkaaabdfeeffhbqhkn
$M6_{613}$	5.1133117542	0.0263205792	Z/2+Z	Z/2	0.26	c	629	ghjaaabdfeefnqchhkn
$M6_{614}$	5.1135860469	0.1940597169	Z	Z/2	0.26	c	630	ghjaabadfeefafgqqgg
$M6_{615}$	5.1177681855	0.1815422847	Z/2+Z	Z/2	0.20	c	631	glkaaabefeeffhhhaqf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{616}$	5.1190608634	0.1394907120	Z/3+Z	Z/2	0.18	c	632	gnkaaabdfeeffhgqxgk
$M6_{617}$	5.1215478921	0.0312064038	Z	Z/2	0.35	c	633	gcoacacdedfffkxhfhk
$M6_{618}$	5.1217977075	0.1960447974	Z	Z/2	0.19	c	634	gblabacdefefknhxhff
$M6_{619}$	5.1220565149	0.0095595778	Z	Z/2	0.18	c	635	ghjaabadfeefhkfhxgf
$M6_{620}$	5.1273053330	0.0075790260	Z	Z/2	0.35	c	636	gblacacdedffkraabaf
$M6_{621}$	5.1335484251	0.2103188068	Z/15+Z	D2	0.47	c	639	gffabbcdefffaaaqhie
$M6_{622}$	5.1335484251	0.0396811932	Z/11+Z	D2	0.47	c	640	gffabbcdefffaaaqhpt
$M6_{623}$	5.1339960800	0.0846173395	Z	Z/2	0.38	c	641	gblacacdedfffnahbqn
$M6_{624}$	5.1341567372	0.1663608975	Z	Z/2	0.37	c	642	gblacacdedffknaxkab
$M6_{625}$	5.1375496376	0.0674376259	Z/5+Z	D2	0.48	c	644	gblabacdeffffnxxaqh
$M6_{626}$	5.1375496376	0.1825623741	Z/13+Z	D2	0.42	c	643	gblabacdefeffnxxann
$M6_{627}$	5.1379412019	0.1883933606	Z/4+Z	D2	1.07	c	645	gbpaacdedfffkgfntum
$M6_{628}$	5.1379412019	0.1883933606	Z/4+Z	D2	0.71	c	646	gdlaacfefdfeetamkeb
$M6_{629}$	5.1379412019	0.0217266939	Z	D4	0.65	c	648	gglaaccdfeffmfrxdsr
$M6_{630}$	5.1379412019	0.2282733061	Z/15+Z	Z/2+Z/2+Z/2	0.65	c	649	gmlaaccdefffmfjxevg
$M6_{631}$	5.1383674669	0.2097262509	Z	Z/2	0.53	c	650	gdhaacffefdeeiqexbk
$M6_{632}$	5.1452564697	0.1789591260	Z/2+Z	Z/2	0.18	c	651	ghkaaabdfeeffhbqqkb
$M6_{633}$	5.1454524783	0.1036368808	Z	Z/2	0.52	c	652	gapabdcceeffrfrrnan
$M6_{634}$	5.1460645156	0.0031525498	Z	Z/2	0.26	c	653	gblacacdedffknaxban
$M6_{635}$	5.1489144667	0.1267653455	Z	Z/2	0.23	c	654	gboacaeedefffahaqqg
$M6_{636}$	5.1492069187	0.2208281184	Z/14+Z	Z/2	0.33	c	655	ghjaaabdfeefbanhxko
$M6_{637}$	5.1502996144	0.1060341911	Z/2+Z	Z/2	0.22	c	656	gnkaaabdfeeffhgqhfk
$M6_{638}$	5.1503241472	0.2386901357	Z	Z/2	0.70	c	657	gdnaabddfeffafwddbg
$M6_{639}$	5.1510148551	0.1099907816	Z	Z/2	0.28	c	658	glkaaabdfeeffanqxnf
$M6_{640}$	5.1545177439	0.0105725998	Z/2+Z	Z/2	0.33	c	659	gbhacdcdedffafkhkhk
$M6_{641}$	5.1557953213	0.1683427640	Z	Z/2	0.29	c	662	ghjaabadfeefhkfhqbf
$M6_{642}$	5.1558001915	0.1561311731	Z/5+Z	Z/2	0.83	c	663	gdhaacfdffeeqtnixek
$M6_{643}$	5.1567773320	0.0595866950	Z/9+Z	Z/2	0.16	c	664	gnkaaabdfeeffhgqxob
$M6_{644}$	5.1574771369	0.1578874080	Z	Z/2	0.35	c	665	gblacacdedffknaakqg
$M6_{645}$	5.1586657086	0.2439963377	Z	Z/2	0.33	c	666	gcoacacdedfffkhhgqk
$M6_{646}$	5.1596679693	0.0832746446	Z	Z/2	0.96	c	667	gdhaadcefefftoxemdb
$M6_{647}$	5.1597015136	0.1127621401	Z	Z/2	0.44	c	668	gnfaabcdefefaaaknbf
$M6_{648}$	5.1616858646	0.0190458180	Z/2+Z	Z/2	0.21	c	669	gnkaaabdfeeffhghxon
$M6_{649}$	5.1645490713	0.2025165688	Z/2+Z	Z/2	0.17	c	670	gnkaaabdfeeffhvqqnb
$M6_{650}$	5.1681620801	0.0178719777	Z/2+Z	Z/2	0.33	c	671	gblabacdefefkraaabf
$M6_{651}$	5.1702711507	0.0406659705	Z	Z/2	0.21	c	672	glkaaabdfeeffhvhhkn
$M6_{652}$	5.1706740782	0.0171235805	Z/4+Z	D2	0.45	c	673	gblabacdefffknaaahq
$M6_{653}$	5.1706740782	0.2328764195	Z/16+Z	D2	0.37	c	674	gblacacdedffknaakak
$M6_{654}$	5.1754581415	0.0984867190	Z	Z/2	0.25	c	675	gblacacdedffknahbqb
$M6_{655}$	5.1762875615	0.0039678636	Z/9+Z	D2	0.44	c	676	gnfaabcdefefaaannff
$M6_{656}$	5.1762875615	0.2460321364	Z/5+Z	D2	0.44	c	677	gnfaabcdefffaaannof

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{657}$	5.1770234743	0.1270825916	Z	Z/2	0.39	c	678	gcoacacdedfffkxhkhk
$M6_{658}$	5.1782581266	0.1765496958	Z/2+Z	Z/2	0.36	c	679	gboabacedfeffohaqoo
$M6_{659}$	5.1783939651	0.0391335454	Z	Z/2	0.15	c	680	glkaaabdfeeffhohxon
$M6_{660}$	5.1789570661	0.1271568732	Z/8+Z	Z/2	0.21	c	681	ghkaaabdfeeffhfhhff
$M6_{661}$	5.1808325217	0.1377578331	Z	Z/2	0.71	c	682	gdnaabddfeffafwddbk
$M6_{662}$	5.1812069635	0.0393052661	Z/4+Z	Z/2	0.21	c	683	ghkaaabeefeffhqaxho
$M6_{663}$	5.1827040606	0.2035930193	Z	Z/2	0.25	c	684	gnkaaabdfeeffhghhnf
$M6_{664}$	5.1829335743	0.1070400574	Z/14+Z	Z/2	0.24	c	685	ghkaaabdfeeffhbxqkg
$M6_{665}$	5.1838504104	0.0316124010	Z	Z/2	0.46	c	686	gcpaadeffdfeknlpspn
$M6_{666}$	5.1862043836	0.0415230581	Z	D2	0.43	c	688	gcoabacdeffffkahqie
$M6_{667}$	5.1862043836	0.2084769419	Z/13+Z	D2	0.40	c	687	gcoabacdefeffkahqfg
$M6_{668}$	5.1881718013	0.1815359395	Z	Z/2	0.30	c	689	gcoacacdedfffkhhghf
$M6_{669}$	5.1902946666	0.1080804127	Z/2+Z	Z/2	0.63	c	690	gblabbddeefflgsiubf
$M6_{670}$	5.1948426501	0.0951946076	Z	Z/2	0.89	c	691	gjhaadccfeffafohqwn
$M6_{671}$	5.1952403927	0.2347757165	Z/7+Z	Z/2	0.29	c	692	gcoacacdedfffkhagaf
$M6_{672}$	5.1975018898	0.1601340377	Z	Z/2	0.13	c	693	glkaaabdfeeffhohxgf
$M6_{673}$	5.1986063557	0.0038055630	Z/2+Z	Z/2	0.19	c	694	glkaaabdfeeffhohqbn
$M6_{674}$	5.1989759096	0.0972630958	Z	Z/2	0.35	c	695	gbnabacedfefgbqqabf
$M6_{675}$	5.2013129862	0.0243394255	Z	Z/2	0.20	c	696	glkaaabefeeffhhhaqn
$M6_{676}$	5.2013134748	0.0050516319	Z/2+Z	Z/2	0.23	c	697	gboabacedfefnohaqog
$M6_{677}$	5.2024968425	0.1432084802	Z/2+Z	Z/2	0.52	c	698	gdhaacffefdeeiqexbf
$M6_{678}$	5.2024968425	0.2317915198	Z/2+Z	Z/2	0.52	c	699	gfnaabcffeefmghixes
$M6_{679}$	5.2062078010	0.1209712878	Z/2+Z	Z/2	0.18	c	700	glkaaabdfeeffhoqxgk
$M6_{680}$	5.2104826626	0.1477903461	Z/2+Z	Z/2	0.30	c	701	gblacacdedffknhhoqb
$M6_{681}$	5.2116959183	0.1549959689	Z/2+Z	Z/2	0.72	c	702	gbhabbcedffftcxcqnv
$M6_{682}$	5.2121835931	0.0511596481	Z/3+Z	Z/2	0.48	c	703	gepaaedfefdfsolgioi
$M6_{683}$	5.2125668223	0.1033600126	Z	Z/2	0.93	c	704	gdhaacdefeffqkxtiin
$M6_{684}$	5.2127510833	0.0399519225	Z	Z/2	0.81	c	705	gbpaaefdefefwungqwe
$M6_{685}$	5.2193461109	0.1425488560	Z	Z/2	0.18	c	706	gnkaaabdfeeffhvqqnk
$M6_{686}$	5.2196275776	0.0307162608	Z/6+Z	D2	0.42	c	707	gflaaaceefffknanfok
$M6_{687}$	5.2196275776	0.2192837392	Z/6+Z	D2	0.42	c	708	gflaaaceefffknanjsk
$M6_{688}$	5.2198964879	0.1274116139	Z	Z/2	0.44	c	709	ggoaaacefefffkawjoo
$M6_{689}$	5.2201009437	0.1717663980	Z/11+Z	Z/2	0.24	c	710	glkaaabdfeeffanaqff
$M6_{690}$	5.2206178537	0.1760746029	Z	Z/2	0.23	c	711	gnkaaabdfeeffhghxgn
$M6_{691}$	5.2212665575	0.1412609674	Z	Z/2	0.18	c	712	ghkaaabfffeefhhaqxg
$M6_{692}$	5.2218916810	0.1931110495	Z/2+Z	Z/2	0.22	c	713	glkaaabdfeeffhoqqkb
$M6_{693}$	5.2221077748	0.1337562733	Z	Z/2	0.18	c	714	ghkaaabdfeeffhfqxgn
$M6_{694}$	5.2234599689	0.0251132528	Z	Z/2	0.19	c	715	ghkaaabdfeeffhbqqbb
$M6_{695}$	5.2260059023	0.0317332233	Z/2+Z	Z/2	0.18	c	716	ghkaaabdfeeffhbxhko
$M6_{696}$	5.2279105421	0.2452488261	Z	Z/2	0.39	c	717	gcoabacdefeffkhaqkk
$M6_{697}$	5.2283482728	0.1827974816	Z/4+Z	D2	0.55	c	718	gflaaacdefffknqjonj

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{698}$	5.2311538659	0.1555505888	Z/2+Z	D2	0.56	c	719	ghdaabcdfeffaaaccok
$M6_{699}$	5.2312187457	0.1359362037	Z	Z/2	0.38	c	720	gcoabacdefeffkhhhfk
$M6_{700}$	5.2355702829	0.1907003648	Z/9+Z	D2	0.41	c	721	gkoaaacdfefffkannfo
$M6_{701}$	5.2355702829	0.0592996352	Z/3+Z	D2	0.41	c	722	gkoaaacdfefffkannjs
$M6_{702}$	5.2364260984	0.2277169067	Z	Z/2	0.60	c	723	gfhaadeeceffuexkeln
$M6_{703}$	5.2379323937	0.1090612015	Z	Z/2	0.23	c	724	ghjaabadfeefhkfqxgb
$M6_{704}$	5.2386841008	0.0000000000	Z	D4	0.60	a	726	gjlaacceffefdkphdqw
$M6_{705}$	5.2386841008	0.2500000000	Z/17+Z	Z/2+Z/4	0.60	a	725	gflaaccfeeffdkualuv
$M6_{706}$	5.2402104801	0.1147482298	Z	Z/2	0.36	c	727	gcoacacdedfffkxakaf
$M6_{707}$	5.2415061711	0.2346657535	Z	Z/2	0.23	c	728	gnkaaabdfeeffhgqhfb
$M6_{708}$	5.2456466430	0.1449566386	Z	Z/2	0.45	c	729	gbhabcddefffangedkv
$M6_{709}$	5.2462155761	0.2310523359	Z	Z/2	0.64	c	730	gbhabcedefffqmkeudk
$M6_{710}$	5.2474232274	0.0423976885	Z	Z/2	0.29	c	731	gnkaaabdfeeffhvxhnf
$M6_{711}$	5.2488396695	0.1008752031	Z/15+Z	D2	0.39	c	732	gblabbcedfffioxohck
$M6_{712}$	5.2488396695	0.1491247969	Z/7+Z	D2	0.39	c	733	gblabbcedfffioxohvn
$M6_{713}$	5.2490876608	0.0484786146	Z/2+Z	Z/2	0.49	c	734	ghdaabceefffaaqfrsj
$M6_{714}$	5.2508448372	0.0226880891	Z	Z/2	0.26	c	735	ghjaabadfeefafgqako
$M6_{715}$	5.2541572533	0.1409801285	Z	Z/2	0.20	c	736	glkaaabdfeeffanaxnn
$M6_{716}$	5.2556589652	0.1821975145	Z	Z/2	0.36	c	737	gcoabacdefeffkahafk
$M6_{717}$	5.2559899561	0.2385894098	Z	Z/2	0.22	c	738	gnkaaabdfeeffhgqhnk
$M6_{718}$	5.2586586333	0.1009457731	Z	Z/2	0.31	c	739	gblacacdedfffnaxbhg
$M6_{719}$	5.2642228268	0.0096727905	Z	Z/2	0.27	c	740	gcoacacdedfffkxafqf
$M6_{720}$	5.2688806460	0.1129244200	Z	Z/2	0.69	c	741	gbpaacdedfffcvkchpt
$M6_{721}$	5.2696461070	0.2214218230	Z	Z/2	0.20	c	742	glkaaabdfeeffhoqxok
$M6_{722}$	5.2709901734	0.1765103618	Z	Z/2	0.30	c	743	gboabacedfefnohaqgo
$M6_{723}$	5.2735473662	0.0777124937	Z	Z/2	0.25	c	744	gnkaaabdfeeffhvxqbf
$M6_{724}$	5.2765644316	0.0932540481	Z/3+Z	Z/2	0.41	c	745	gcpaadeffdfeckpabub
$M6_{725}$	5.2784331276	0.0333702486	Z/2+Z	Z/2	0.72	c	746	ghdaabcefeffqqhwknc
$M6_{726}$	5.2796772917	0.2109676132	Z	Z/2	0.26	c	747	gcoacacdedfffkxhfqk
$M6_{727}$	5.2803966997	0.1627396306	Z	Z/2	0.20	c	748	glkaaabdfeeffhohqbf
$M6_{728}$	5.2843029397	0.0716309770	Z/17+Z	D2	0.38	c	749	gcoabacdefeffkaaakk
$M6_{729}$	5.2843029397	0.1783690230	Z/5+Z	D2	0.38	c	750	gcoabacdeffffkaaahq
$M6_{730}$	5.2847497140	0.1614908136	Z/5+Z	D2	0.53	c	751	ggoaaacdeffffkqsfks
$M6_{731}$	5.2850040751	0.2092187316	Z/3+Z	Z/2	0.18	c	752	gnkaaabdfeeffhgqxgb
$M6_{732}$	5.2889375072	0.0955119104	Z/2+Z	Z/2	0.47	c	753	gdlaaceefdefduxdbln
$M6_{733}$	5.2912934207	0.1771441125	Z	Z/2	0.19	c	754	gnkaaabdfeeffhghxof
$M6_{734}$	5.2924075622	0.0221945578	Z/2+Z	Z/2	0.84	c	755	gcpaacfddfefguckxke
$M6_{735}$	5.2936527191	0.0152564124	Z	Z/2	0.26	c	756	glkaaabdfeeffanaqfn
$M6_{736}$	5.2937515750	0.0342238700	Z	Z/2	0.24	c	757	ginacbdcdeffakkfaqf
$M6_{737}$	5.2960526576	0.1952138058	Z/2+Z	Z/2	0.59	c	758	gblabbddeefflgsiurf
$M6_{738}$	5.2975666135	0.1197414114	Z	Z/2	0.31	c	759	gcoabacdefeffkxhafb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{739}$	5.3012651175	0.2353385925	Z	Z/2	0.25	c	760	glkaaabdfeeffanqxng
$M6_{740}$	5.3020304463	0.1492504540	Z	Z/2	0.40	c	761	gcpaadeffdfecnpabun
$M6_{741}$	5.3021002780	0.0043104533	Z	Z/2	0.37	c	762	gcoabacdefeffkxaakb
$M6_{742}$	5.3056741470	0.0038340399	Z/5+Z	D2	0.81	c	764	gcpaaccffdefgbxxnkx
$M6_{743}$	5.3056741470	0.2461659601	Z/9+Z	D2	0.68	c	763	gcpaabcffdefbbxxnkx
$M6_{744}$	5.3056741470	0.2461659601	Z/2+Z	Z/2	0.24	c	765	ghjaaabdfeffbaohhbg
$M6_{745}$	5.3136575046	0.2404002233	Z	Z/2	0.27	c	766	gboabacedfeffohaaok
$M6_{746}$	5.3146634046	0.1597850980	Z	Z/2	0.18	c	767	glkaaabdfeeffhohqkn
$M6_{747}$	5.3181719710	0.1967868945	Z	Z/2	0.31	c	768	gcoabacdefeffkhhqfb
$M6_{748}$	5.3224885993	0.0562487803	Z	Z/2	0.24	c	769	gcoacacdedfffkxafak
$M6_{749}$	5.3304635236	0.0494927615	Z	Z/2	0.22	c	770	ghkaaabdfeeffhfqxob
$M6_{750}$	5.3324320877	0.1398881778	Z	Z/2	0.30	c	771	gblabacdefefkraaanf
$M6_{751}$	5.3334895669	0.2083333333	Z/3+Z/3+Z	D3	1.27	c	784	gdhaadeffefehmipuxd
$M6_{752}$	5.3334895669	0.0416666667	Z/4+Z	Z/2+Z/2+Z/2	1.27	c	775	gbpaaccfeefffoxfoxx
$M6_{753}$	5.3334895669	0.0416666667	Z/4+Z	Z/2+Z/2+Z/2	1.13	c	779	gbpaaddfeeffofxofxx
$M6_{754}$	5.3334895669	0.0416666667	Z/12+Z	Z/2+Z/2+Z/2	0.99	c	778	gbpaaddfeeffnkxnkxx
$M6_{755}$	5.3334895669	0.2083333333	Z/4+Z	D2	0.99	c	777	gbpaacefdeffffxofxx
$M6_{756}$	5.3334895669	0.0416666667	Z/12+Z	Z/2+Z/2+Z/2	0.74	c	772	gbpaabfcdfeffxffxfx
$M6_{757}$	5.3334895669	0.2083333333	Z/2+Z/4+Z	D2	0.74	c	773	gbpaabfeedfffxoffxx
$M6_{758}$	5.3334895669	0.2083333333	Z/3+Z	Z/2	0.65	c	783	gdhaaceeffefqemtxth
$M6_{759}$	5.3334895669	0.0416666667	Z/2+Z/6+Z	Z/2+Z/2+Z/2	0.63	c	787	gfdabbcdefffaahhqqx
$M6_{760}$	5.3334895669	0.2083333333	Z/4+Z/4+Z	D4	0.63	c	786	gfdabbcdefffaahhqah
$M6_{761}$	5.3334895669	0.2083333333	Z/2+Z/4+Z	D2	0.63	c	781	gddabbcdefffaahhqah
$M6_{762}$	5.3334895669	0.0416666667	Z/12+Z	D2	0.35	c	788	gflaaaceefffknancvk
$M6_{763}$	5.3334895669	0.2083333333	Z+Z	D2	0.35	c	789	gflaaaceefffknanknk
$M6_{764}$	5.3340466815	0.2214840144	Z/11+Z	Z/2	0.16	c	790	glkaaabdfeeffhoqxgb
$M6_{765}$	5.3353410099	0.1012385102	Z/2+Z	Z/2	0.21	c	791	gbhacdcdedffafkakak
$M6_{766}$	5.3357972009	0.1899334648	Z/4+Z	Z/2	0.15	c	792	glkaaabdfeeffhohxof
$M6_{767}$	5.3366290956	0.2268068186	Z/2+Z	Z/2	0.65	c	793	gbpaadfcfeeffmohwgm
$M6_{768}$	5.3372297684	0.1525900718	Z/7+Z	Z/2	0.22	c	794	ghkaaabdfeeffhbxhfg
$M6_{769}$	5.3426827029	0.1554105081	Z	Z/2	0.25	c	795	gboabacedfeffohaqog
$M6_{770}$	5.3429088008	0.1659939903	Z	Z/2	0.25	c	796	gblacacdedfffnaxban
$M6_{771}$	5.3438164458	0.1625764548	Z/16+Z	Z/2	0.25	c	797	ghkaaabdfeeffhfhxof
$M6_{772}$	5.3462034592	0.1126003538	Z/4+Z	Z/2	0.54	c	798	gdlaacfefdfeethmkeg
$M6_{773}$	5.3477405863	0.1438705605	Z	Z/2	0.21	c	799	gcoacacdedfffkxhfhf
$M6_{774}$	5.3482199907	0.0818080270	Z	Z/2	0.22	c	800	gnkaaabdfeeffhgqhnb
$M6_{775}$	5.3493742462	0.0361407920	Z/3+Z	D2	0.48	c	801	gflaabceefffioxualw
$M6_{776}$	5.3493742462	0.2138592080	Z/13+Z	D2	0.48	c	802	gflaabcffeefioqmhdw
$M6_{777}$	5.3561571444	0.1328356703	Z	Z/2	0.29	c	803	gcoacacdedfffkxhkqk
$M6_{778}$	5.3584670217	0.1681589404	Z	Z/2	0.21	c	804	gnkaaabdfeeffhghxgf
$M6_{779}$	5.3596248747	0.2196052759	Z	Z/2	0.59	c	805	gdfacbcedeffaaqqbaf

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$M6_{780}$	5.3630552228	0.1513303479	Z	Z/2	0.66	c	806	gchabcddefffqnkahjs
$M6_{781}$	5.3634351754	0.0917113334	Z	Z/2	0.18	c	807	ghkaaabdfeeffhfqhkb
$M6_{782}$	5.3640100215	0.2337460124	Z	Z/2	0.24	c	808	ghkaaabdfeeffhbxqbg
$M6_{783}$	5.3648431818	0.2424588580	Z	Z/2	0.24	c	809	gblacacdedfffnahbqb
$M6_{784}$	5.3660498016	0.1861328832	Z	Z/2	0.20	c	810	ghkaaabdfefffhfhhnk
$M6_{785}$	5.3673987488	0.1453599581	Z	Z/2	0.29	c	811	ghjaabadfeefafgqqgo
$M6_{786}$	5.3758772045	0.1586832087	Z/14+Z	Z/2	0.20	c	812	ghkaaabdfeeffhbqqkn
$M6_{787}$	5.3773298733	0.1030890682	Z/3+Z	Z/2	0.60	c	813	gcpaabcfdffefgxoxxf
$M6_{788}$	5.3777299137	0.0183676138	Z	Z/2	0.33	c	814	gboabacedfeffohaqgo
$M6_{789}$	5.3781816116	0.1980535632	Z	Z/2	0.28	c	815	gnkaaabdfeeffhvxhff
$M6_{790}$	5.3793187254	0.1936913429	Z/7+Z	Z/2	0.18	c	816	ghkaaabdfeeffhbqhfn
$M6_{791}$	5.3811020831	0.1166838962	Z/4+Z	D2	0.61	c	817	gcnabbcdefffflkwdhnc
$M6_{792}$	5.3811020831	0.1166838962	Z/12+Z	D2	0.61	c	818	gcnabbcedffflkubqkc
$M6_{793}$	5.3811020831	0.1333161038	Z/4+Z	D2	0.61	c	819	gcnabbcedffflkubqvn
$M6_{794}$	5.3858707654	0.2299357169	Z/3+Z	Z/2	0.58	c	820	gbpaacefdeeffnakfob
$M6_{795}$	5.3872537647	0.2442775769	Z/2+Z	Z/2	0.41	c	821	gdlaaceefdefduxdkln
$M6_{796}$	5.3891736042	0.2308100106	Z/2+Z	Z/2	0.22	c	822	ghkaaabdfeeffhbxqko
$M6_{797}$	5.3894440776	0.1304028351	Z/2+Z	D2	0.48	c	823	gflaaacfefefknmwkvw
$M6_{798}$	5.3910476204	0.2028416714	Z	Z/2	0.18	c	824	gnkaaabdfefffhvqqgb
$M6_{799}$	5.3911224809	0.0418138600	Z/2+Z	Z/2	0.19	c	825	gnkaaabdfeeffhvqqbb
$M6_{800}$	5.3948321066	0.2374746786	Z	Z/2	0.38	c	826	gdlaacfefdfemtmefpf
$M6_{801}$	5.3967726536	0.0204745955	Z	Z/2	0.58	c	827	gbnabbedeeffaafhhhg
$M6_{802}$	5.3977521325	0.2422732832	Z/17+Z	Z/2	0.32	c	828	gbnabacedfefgbqqanf
$M6_{803}$	5.3997144665	0.1838892510	Z	Z/2	0.19	c	829	glkaaabdfeeffhohqkf
$M6_{804}$	5.4028394869	0.1546245892	Z/2+Z	Z/2	0.21	c	830	gnkaaabdfeeffhvqhfb
$M6_{805}$	5.4056239739	0.1447789692	Z/2+Z	Z/2	0.67	c	832	gepaaccfdffebgxoxxg
$M6_{806}$	5.4060020187	0.0663199451	Z	Z/2	0.18	c	833	glkaaabdfeeffhoqxob
$M6_{807}$	5.4077616018	0.0844991298	Z	Z/2	0.17	c	834	ghkaaabdfefffhbqqnk
$M6_{808}$	5.4126849002	0.0334987727	Z	Z/2	0.56	c	835	gdlaacfefdfeethmbeg
$M6_{809}$	5.4133072552	0.0140059441	Z	Z/2	0.33	c	836	gcpaadeffdfecnpabuf
$M6_{810}$	5.4191098976	0.0442824997	Z/3+Z	D2	0.29	c	837	gkoaaacdfefffkannnk
$M6_{811}$	5.4191098976	0.2057175003	Z/15+Z	D2	0.29	c	838	gkoaaacdfefffkannvc
$M6_{812}$	5.4235711886	0.0662741642	Z	Z/2	0.55	c	839	gdlaaadfedeffhhagnf
$M6_{813}$	5.4237266603	0.1560407947	Z	Z/2	0.52	c	840	gdlaacfefdfeetambeb
$M6_{814}$	5.4248282774	0.2175668402	Z	Z/2	0.36	c	841	gbpaadcefdffoskdopd
$M6_{815}$	5.4250339464	0.1986412103	Z	Z/2	0.24	c	842	gcoacacdedfffkxhkhf
$M6_{816}$	5.4283433679	0.2346916210	Z	Z/2	0.51	c	844	gcnabbddeeffpowmtff
$M6_{817}$	5.4323741865	0.1009804002	Z	Z/2	0.36	c	845	gdlaaceefdefduxdklb
$M6_{818}$	5.4409734480	0.0762348028	Z	Z/2	0.51	c	846	gdlaaadfedeffhhagng
$M6_{819}$	5.4453569546	0.2167485044	Z/3+Z	Z/2	0.94	c	847	gkhaacdeefffujaedln
$M6_{820}$	5.4572658179	0.2118707331	Z	Z/2	0.22	c	848	ghkaaabdfeeffhfhhkf

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$M6_{821}$	5.4635078012	0.1482570489	Z	Z/2	0.50	c	849	gblabbddeefflgsiurn
$M6_{822}$	5.4689204594	0.0481546209	Z	Z/2	0.62	c	850	gdhaacdfdfefqkpblgf
$M6_{823}$	5.4738177303	0.2080540513	Z	Z/2	0.21	c	851	ghkaaabdfeeffhfqxgb
$M6_{824}$	5.4758727259	0.1987419087	Z	Z/2	0.21	c	852	gnkaaabdfeeffhvqqbk
$M6_{825}$	5.4759362751	0.0827988955	Z	Z/2	0.26	c	853	gcoabacdefeffkhaqkb
$M6_{826}$	5.4777743750	0.1738061226	Z/2+Z	D2	0.54	c	854	gblabbcdefffiofxasf
$M6_{827}$	5.4779827666	0.0470387476	Z/2+Z	Z/2	0.59	c	855	gflaaaceffeffnxwrkk
$M6_{828}$	5.4843928685	0.1893323700	Z	Z/2	0.20	c	856	ghkaaabdfeeffhbxhfo
$M6_{829}$	5.4936103291	0.1855593326	Z	Z/2	0.20	c	857	ghkaaabdfeeffhbqqbn
$M6_{830}$	5.4944354181	0.2215908846	Z	Z/2	0.51	c	858	gdlaaadfedeffahabnf
$M6_{831}$	5.4984049725	0.2212289818	Z/3+Z	Z/2	0.31	c	860	gepaaedfefdfsolgigi
$M6_{832}$	5.4991958042	0.2429227560	Z/5+Z	Z/2	0.58	c	861	gdhaacdfdfefqkpblbs
$M6_{833}$	5.5004864163	0.1819528119	Z	D2	0.42	c	862	gflaaacffeeffnmwsvj
$M6_{834}$	5.5068740284	0.2284723724	Z	Z/2	0.45	c	863	gdlaacfefdfeethmkeo
$M6_{835}$	5.5097271905	0.0367560439	Z	Z/2	0.57	c	865	gdnaabddefffafoqhbk
$M6_{836}$	5.5159207722	0.1763791046	Z	Z/2	0.24	c	866	ghkaaabdfeeffhfhxgf
$M6_{837}$	5.5192906704	0.1864130352	Z	Z/2	0.24	c	867	gnkaaabdfeeffhvqhfk
$M6_{838}$	5.5439841968	0.0732014093	Z	Z/2	0.22	c	868	ghkaaabdfeeffhbxqbo
$M6_{839}$	5.5512127812	0.1501968358	Z	Z/2	0.86	c	869	gapabdecdfffnnonuem
$M6_{840}$	5.5565188163	0.2076150971	Z	D2	0.38	c	870	ggoaaacfefeffktcfrb
$M6_{841}$	5.5578645278	0.1599804555	Z	Z/2	0.66	c	871	gcpaacfddffeguckxtf
$M6_{842}$	5.5594361503	0.0825382790	Z	Z/2	0.45	c	872	gdlaaadfedeffahabbf
$M6_{843}$	5.5607757166	0.0166666157	Z	Z/2	0.48	c	873	gbpaacefdeeffnhkfog
$M6_{844}$	5.5636678248	0.1163264672	Z/3+Z	D2	0.90	c	874	gbhabcddefffqgjxqvb
$M6_{845}$	5.5636678248	0.1163264672	Z	Z/2	0.27	c	875	gbpaacedfffeckotltb
$M6_{846}$	5.5656682267	0.0615260975	Z	Z/2	0.49	c	877	gdfacbcedeffaaqqban
$M6_{847}$	5.5697154383	0.1001735457	Z/9+Z	Z/2	0.91	c	878	gbhabbcdeffflfndqkv
$M6_{848}$	5.5697154383	0.1498264543	Z	Z/2	0.91	c	879	gbhabbcdeffflfndqnc
$M6_{849}$	5.5736091128	0.0000000000	Z/3+Z	D4	1.28	a	882	gbpaaccfeeffcvxjsqq
$M6_{850}$	5.5736091128	0.2500000000	Z/15+Z	Z/2+Z/4	0.66	a	881	gbpaabfcdfeffxfnxnx
$M6_{851}$	5.5762596264	0.1778502741	Z/2+Z	Z/2	0.49	c	884	gdfacbcedeffaaqqbqg
$M6_{852}$	5.5769881786	0.0708259221	Z	Z/2	0.88	c	885	gdhaacfdfeefuijhlds
$M6_{853}$	5.5866926167	0.0098149699	Z	Z/2	0.64	c	886	gdlaacdefeefdnxdmln
$M6_{854}$	5.5963883857	0.0117374489	Z	Z/2	0.61	c	888	gdhaabddefffhgouuwo
$M6_{855}$	5.6235715329	0.2469078052	Z	D2	0.73	c	890	gdlaaceefeffdtxduml
$M6_{856}$	5.6235715329	0.0030921948	Z/5+Z	D2	0.56	c	889	gdlaaceefedfdtxdufn
$M6_{857}$	5.6253782496	0.2500000000	Z/17+Z	Z/4	0.83	a	891	gffabbcdefffaaqqhet
$M6_{858}$	5.6253782496	0.0000000000	Z/13+Z	Z/4	0.83	a	892	gffabbcdefffaaqqhip
$M6_{859}$	5.6301086085	0.1224099872	Z/5+Z	Z/2	0.52	c	893	gdlaaceefdefiuxlfdg
$M6_{860}$	5.6318874229	0.0689958538	Z	Z/2	0.47	c	894	gdlaaadfedeffhhagbg
$M6_{861}$	5.6394315613	0.2222869844	Z	Z/2	0.80	c	896	gclabbcedfffqbpnhbr

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{862}$	5.6562441767	0.0269250667	Z	D2	1.17	c	897	gchabcddefffqnkqxsj
$M6_{863}$	5.6562441767	0.0564082666	Z/3+Z/3+Z	D4	0.56	c	899	gfnaabcefeffmgxuuan
$M6_{864}$	5.6562441767	0.1935917334	Z/7+Z	Z/2+Z/2+Z/2	0.56	c	900	gfnaabcfefefmghllqn
$M6_{865}$	5.6577427681	0.2038147943	Z	Z/2	0.53	c	901	gdhaacdfdfefqkpblof
$M6_{866}$	5.6602467279	0.2279884681	Z	Z/2	0.42	c	902	gdlaaadfedeffhhaonf
$M6_{867}$	5.6638072421	0.0678520746	Z/6+Z	Z/2	0.43	c	903	gapabdcdeeffngknbqg
$M6_{868}$	5.6656997181	0.2277891574	Z	Z/2	0.44	c	904	gdlaaadfedeffahabbg
$M6_{869}$	5.6703599035	0.0035084748	Z/2+Z	Z/2	0.48	c	905	ggoaaaceefffnkakfon
$M6_{870}$	5.6768692476	0.1661347623	Z	Z/2	0.74	c	907	gdhaaccfeeffurihdlj
$M6_{871}$	5.6777942373	0.0857015546	Z	Z/2	0.50	c	908	gbhabbcdeeffhogidog
$M6_{872}$	5.6857064578	0.1168288292	Z	Z/2	0.40	c	909	gdlaaadfedeffahaknf
$M6_{873}$	5.6930210913	0.0000000000	Z	D4	1.28	a	912	gbpaaddefeffvcwxrxx
$M6_{874}$	5.6930210913	0.2500000000	Z/13+Z	Z/2+Z/4	0.64	a	911	gbpaabcffdeffbaabfx
$M6_{875}$	5.7243880548	0.0208333333	Z/2+Z	D2	1.10	c	915	gcpaadefedffckpwbud
$M6_{876}$	5.7243880548	0.2291666667	Z/2+Z	D2	0.70	c	916	gmnaabcdfefflknhqgk
$M6_{877}$	5.7257341637	0.1785168108	Z	Z/2	0.39	c	917	gbnacbcedeffhflkpog
$M6_{878}$	5.7265667800	0.1315753727	Z/2+Z	Z/2	0.44	c	918	gflaaacefefffnhwnrv
$M6_{879}$	5.7325313793	0.1622391999	Z/2+Z	Z/2	0.44	c	919	ggoaaaceeffffkakfon
$M6_{880}$	5.7623086862	0.0041936840	Z	Z/2	0.78	c	921	ghdaabceefffqqhjknj
$M6_{881}$	5.7670696741	0.1307228110	Z	Z/2	0.49	c	922	gdlaaadfedeffahabng
$M6_{882}$	5.7692720500	0.1026303059	Z/2+Z	Z/2	0.69	c	924	ghdaabceffefaaqrsbb
$M6_{883}$	5.7692720500	0.1859636392	Z/2+Z	Z/2	0.42	c	923	ggoaaaceffefnkhofnv
$M6_{884}$	5.7727923118	0.0833157383	Z	Z/2	0.49	c	925	gdlaaadfedeffhhaong
$M6_{885}$	5.7748889342	0.2148651609	Z	Z/2	0.54	c	926	gdlaaadfedeffhhagbf
$M6_{886}$	5.7788405622	0.0254234143	Z/2+Z	Z/2	0.54	c	927	gdlaaadfeffefhhafon
$M6_{887}$	5.7859287161	0.0731920616	Z	Z/2	0.92	c	928	gjhaadccfeffafrdmwn
$M6_{888}$	5.7860970643	0.0975449365	Z	Z/2	0.56	c	929	gcpaabcffdeffgxqnkq
$M6_{889}$	5.8393774207	0.1310598279	Z	Z/2	0.50	c	931	gdlaaadfeeeffahankf
$M6_{890}$	5.8431561039	0.1923044545	Z/5+Z	D2	0.66	c	932	gdhaaddedfefakakabb
$M6_{891}$	5.8431561039	0.0576955455	Z/11+Z	D2	0.54	c	933	gdlaaadfedeffhhxgfg
$M6_{892}$	5.8499052873	0.2407971443	Z/5+Z	Z/2	0.48	c	934	gdlaaadfedeffahakbf
$M6_{893}$	5.8594383160	0.2276700931	Z	Z/2	0.45	c	935	gdlaaadfedeffhhaobg
$M6_{894}$	5.8721885491	0.1132624674	Z/2+Z	Z/2	0.44	c	936	gdlaaadfedeffahakbg
$M6_{895}$	5.8759180827	0.1124559599	Z/3+Z	Z/2	0.88	c	938	gdnaabddfeffafollbs
$M6_{896}$	5.8759180827	0.1375440401	Z/3+Z	Z/2	0.88	c	939	gdnaabdffeefafilulb
$M6_{897}$	5.8801855055	0.1066941425	Z/2+Z	Z/2	1.09	c	942	gbpaacdefefffgbefae
$M6_{898}$	5.8801855055	0.0233608092	Z/2+Z	Z/2	0.34	c	943	ggoaaaceffeffkhofnv
$M6_{899}$	5.8882129734	0.2044375851	Z	D2	0.86	c	944	gdnaabddefffafwtpbs
$M6_{900}$	5.8928514033	0.0294618795	Z/2+Z	Z/2	0.41	c	946	gdlaaadfedeffahakng
$M6_{901}$	5.9061638092	0.2471837039	Z	Z/2	0.52	c	947	gdlaaadfedeffaxabnn
$M6_{902}$	5.9170968570	0.1428300177	Z/3+Z	Z/2	0.78	c	949	gdhaabffdeeftdmcluc

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6_{903}$	5.9301666293	0.1262571613	Z/5+Z	Z/2	0.45	c	950	gdlaaadfedeffhhaobf
$M6_{904}$	5.9651867381	0.2187967614	Z	Z/2	0.50	c	951	gdlaaadfeeeffahankg
$M6_{905}$	5.9712177077	0.1242976843	Z/2+Z	Z/2	0.50	c	952	gdlaaadfeffefhhafob
$M6_{906}$	5.9858818376	0.0954739702	Z	Z/2	0.48	c	953	gdlaaadfedeffhhxgff
$M6_{907}$	5.9910521347	0.1549778826	Z/2+Z	Z/2	0.58	c	954	gdhaaddedfefakakabn
$M6_{908}$	6.0896496385	0.0000000000	Z/4+Z/4+Z	$\|G\| = 24$	1.09	a	961	gfdabbcdefffaqhhqqh
$M6_{909}$	6.0896496385	0.2500000000	Z/4+Z	Z/2+Z/4	1.09	a	957	gbpaaddefeffoffhoxh
$M6_{910}$	6.0896496385	0.2500000000	Z/2+Z/10+Z	Z/4 X D3	1.09	a	960	gfdabbcdefffaqhhqax
$M6_{911}$	6.0896496385	0.0833333333	Z/3+Z	Z/2	0.86	c	958	gdhaabefffeehpilpet
$M6_{912}$	6.0896496385	0.2500000000	Z/20+Z	Z/2+Z/4	0.54	a	955	gbpaabcfdffefohfxhf
$M6_{913}$	6.0896496385	0.0000000000	Z/2+Z/4+Z	D2	0.54	c	956	gbpaabefedffffhofxh
$M6^2_1$	4.7517019655	0.1049520398	Z+Z	D2	0.36	c	441	ginabbbddfffabfwnor
$M6^2_2$	4.7517019655	0.1882853732	Z+Z	D2	0.36	c	443	gnfaabcdfeffaaaccvc
$M6^2_3$	4.8937641326	0.0794739355	Z+Z	D2	0.27	c	503	ghjaabadefffhkfaars
$M6^2_4$	4.8937641326	0.1628072688	Z+Z	D2	0.27	c	506	gnjaabadfeffafbhhrc
$M6^2_5$	4.9767702943	0.1763839934	Z+Z	D2	0.23	c	548	gfjabbaddfffafbksng
$M6^2_6$	4.9767702943	0.0930506601	Z+Z	D2	0.23	c	549	gfjabbadefffafbetnj
$M6^2_7$	5.0294944813	0.0064440387	Z+Z	D2	0.19	c	568	gfkababdeffffhgltog
$M6^2_8$	5.0294944813	0.0768892946	Z+Z	D2	0.19	c	569	gjkababddffffhgvcfb
$M6^2_9$	5.0425492156	0.0927157666	Z+Z	D2	0.18	c	576	glkaaabdeffffhoaarj
$M6^2_{10}$	5.0425492156	0.0093824333	Z+Z	D2	0.18	c	577	gnkaaabdeffffhgaajr
$M6^2_{11}$	5.0448991629	0.0617805437	Z+Z	D2	0.19	c	578	gdkababdeffffanmtbn
$M6^2_{12}$	5.0448991629	0.1451138771	Z+Z	D2	0.19	c	579	gjkababddffffasnkjg
$M6^2_{13}$	5.0747080320	0.0000000000	Z/2+Z+Z	D4	0.83	a	596	gddabbcedfffaaxxaax
$M6^2_{14}$	5.0826538415	0.0715697243	Z+Z	D2	0.16	c	601	gdjababddfffbakowfn
$M6^2_{15}$	5.0826538415	0.1549030576	Z+Z	D2	0.16	c	602	gdjababdefffbakitfr
$M6^2_{16}$	5.1062718035	0.1061660204	Z+Z	D2	0.15	c	621	gdkababdeffffhopugo
$M6^2_{17}$	5.1062718035	0.0228326871	Z+Z	D2	0.15	c	622	gjkababddffffhvocfb
$M6^2_{18}$	5.1273136230	0.0014107197	Z+Z	D2	0.13	c	637	gfkababddffffhgfovb
$M6^2_{19}$	5.1273136230	0.0847440530	Z+Z	D2	0.13	c	638	gfkababdeffffhgltcg
$M6^2_{20}$	5.1379412019	0.1883933606	Z+Z	D2	0.76	c	647	gdnaabeeffefalamxda
$M6^2_{21}$	5.1549263093	0.0990557679	Z+Z	D2	0.12	c	660	gdkababddffffhobgvf
$M6^2_{22}$	5.1549263093	0.0157224346	Z+Z	D2	0.12	c	661	gdkababdeffffhopuco
$M6^2_{23}$	5.3334895669	0.0416666667	Z/3+Z+Z	Z/2+Z/2+Z/2	1.27	c	774	gbpaaccfeeffcvxvcxx
$M6^2_{24}$	5.3334895669	0.0416666667	Z+Z	Z/2+Z/2+Z/2	1.27	c	780	gbpaaddfeeffvcxvcxx
$M6^2_{25}$	5.3334895669	0.0416666667	Z+Z	Z/2	0.69	c	785	gdnaabfefeefhxthpde
$M6^2_{26}$	5.3334895669	0.2083333333	Z/2+Z+Z	D4	0.63	c	782	gddabbcedfffaaaaaax
$M6^2_{27}$	5.4051014414	0.1490905587	Z+Z	D2	0.62	c	831	gbpaaeddceffccnkcqf
$M6^2_{28}$	5.4267642271	0.0110070963	Z+Z	Z/2	0.56	c	843	gflaaacefffeknxwkof
$M6^2_{29}$	5.4957935651	0.1875000000	Z/2+Z+Z	D4	0.53	c	859	gapabbcdeeffbgrrrag
$M6^2_{30}$	5.5096769895	0.1665676393	Z+Z	Z/2	0.53	c	864	ghdaabbdefefempwwkn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M6^2_{31}$	5.5636678248	0.1996598006	Z+Z	D2	0.51	c	876	gjlaaacddfffknabfkr
$M6^2_{32}$	5.5736091128	0.0000000000	Z+Z	D4	0.66	a	883	gcoacacedefffkqqcqf
$M6^2_{33}$	5.5736091128	0.0000000000	Z/2+Z+Z	D4	0.50	a	880	gblabcededffttkxkbg
$M6^2_{34}$	5.5922177450	0.0300306476	Z+Z	D2	0.48	c	887	gndaabbdfeefemxgwng
$M6^2_{35}$	5.6356775793	0.0481058964	Z+Z	D2	0.46	c	895	gjhaacdeedffdodxobo
$M6^2_{36}$	5.6562441767	0.1102584001	Z+Z	D2	0.58	c	898	gdnaabdffeefesxmxmc
$M6^2_{37}$	5.6718835436	0.1073050897	Z+Z	D2	0.99	c	906	gjhaadcddfffafkkwko
$M6^2_{38}$	5.6872820547	0.1502211212	Z+Z	Z/2	0.44	c	910	gflaaacefffefnxwkof
$M6^2_{39}$	5.6937455895	0.1250000000	Z+Z	D4	0.54	c	913	gcoacacedefffkqqchb
$M6^2_{40}$	5.7228259481	0.1604866899	Z+Z	D2	0.41	c	914	gchabdceceffegegxok
$M6^2_{41}$	5.7367950471	0.0385656088	Z+Z	Z/2	0.41	c	920	ggoaaacefffefkawfnb
$M6^2_{42}$	5.8041744000	0.0075260712	Z+Z	Z/2	0.47	c	930	gflaaacefffefnxwkon
$M6^2_{43}$	5.8759180827	0.1124559599	Z/3+Z+Z	D4	0.88	c	937	gdnaabddfeffafkllbn
$M6^2_{44}$	5.8759180827	0.1375440401	Z+Z	D2	0.88	c	940	gdnaabdffeefafqlhlb
$M6^2_{45}$	5.8759180827	0.1124559599	Z+Z	D4	0.44	c	941	geoabacdeefffkitrho
$M6^2_{46}$	5.8882129734	0.1211042518	Z+Z	D2	0.43	c	945	ggoaaacefffefkawfnk
$M6^2_{47}$	5.9079634042	0.0000000000	Z+Z	D4	0.42	a	948	geoabacdeefffkitran
$M6^2_{48}$	6.0896496385	0.1666666667	Z/3+Z+Z	D6	0.86	c	959	gdhaabfefefelpllpll
$M6^3_{1}$	5.3334895669	0.2083333333	Z+Z+Z	D6	1.27	c	776	gbpaacdfeeffccxccxx

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N6_1$	3.1956957274	Z/6+Z	Z/2	0.28	0	gfdabbcdefffaaaaabr
$N6_2$	3.3726022946	Z/7+Z	Z/2	0.18	1	ggjababceeffbqqdkxp
$N6_3$	3.4399192853	Z/7+Z	Z/2	0.14	3	glkaaabdfefffanxftn
$N6_4$	3.4490590354	Z/5+Z	Z/2	0.13	4	ggjabbacefffhkhfnmn
$N6_5$	3.4716302819	Z	Z/2	0.12	5	ggfabbcbefffaabbcqj
$N6_6$	3.4723592617	Z/8+Z	Z/2	0.12	6	glkaaabdfefffhoxkuo
$N6_7$	3.4939556122	Z/7+Z	Z/2	0.11	7	ghjaabadfeffhkfrhfd
$N6_8$	3.4971339865	Z/4+Z	Z/2	0.10	8	gofaabcbeeffaabniae
$N6_9$	3.5340341561	Z/7+Z	Z/2	0.08	10	ggjababcefffbqqbjxn
$N6_{10}$	3.5457720502	Z/8+Z	Z/2	0.07	11	glkaaabdfefffhorhuo
$N6_{11}$	3.5660275832	Z/2+Z	Z/2	0.06	14	ggjababceefffhhgdqd
$N6_{12}$	3.5684611990	Z/3+Z	Z/2	0.06	15	gokaaabceefffaqodhl
$N6_{13}$	3.5716614213	Z/4+Z	Z/2	0.06	16	ggkababceefffaqgdqd
$N6_{14}$	3.5754597950	Z/5+Z	Z/2	0.06	19	ggjababceeffgqqgdqd
$N6_{15}$	3.5898913088	Z/3+Z	Z/2	0.05	22	gokaaabceffffhqnoba
$N6_{16}$	3.5941534131	Z/5+Z	Z/2	0.04	24	ggkababceefffhqbiqi
$N6_{17}$	4.3692852044	Z/2+Z	Z/2	0.65	32	gfhaabedfdffkknknan
$N6_{18}$	4.4654245268	Z	trivial	0.52	33	gepaaedeffdftotdlox
$N6_{19}$	4.4704992727	Z/2+Z	Z/2	0.38	34	gfdabbcdefffaaaaffx
$N6_{20}$	4.4722098602	Z/2+Z	Z/2	0.57	35	gcpaadedfffejkqbtxk
$N6_{21}$	4.4776044694	Z/10+Z	Z/2	0.37	36	gfdabbcdefffaaaaqkv
$N6_{22}$	4.4934354489	Z	Z/2	0.55	37	gnfaabcdefffaaallbs
$N6_{23}$	4.4959128903	Z/4+Z	Z/2	0.35	38	gfdabbcdefffaaaarba
$N6_{24}$	4.5065839827	Z/3+Z	Z/2	0.56	39	gdhaabfefeefkupfxph
$N6_{25}$	4.6137617046	Z	Z/2	0.29	40	gapabddedfffngqnhxn
$N6_{26}$	4.6245230734	Z	Z/2	0.28	41	gchabcdedfffuoaonse
$N6_{27}$	4.6295150831	Z/10+Z	Z/2	0.27	42	gbhabbcedfffukanqpe
$N6_{28}$	4.6375803562	Z/6+Z	Z/2	0.47	43	gflaaaceefffknameqe
$N6_{29}$	4.6779856364	Z	Z/2	0.25	44	gkoaaacdfeffnkakdrl
$N6_{30}$	4.6782499081	Z	Z/2	0.42	45	ggoaaaceefffnkiqfmk
$N6_{31}$	4.6848769169	Z	Z/2	0.24	46	gkoaaacdfeffnkahkwm
$N6_{32}$	4.6905696478	Z/2+Z/4+Z	Z/2	0.24	47	gkoaaacdfeffnkaknqh
$N6_{33}$	4.7233156286	Z/2+Z	Z/2	0.39	48	gapabecdefefsiisvdg
$N6_{34}$	4.7270212716	Z/2+Z	Z/2	0.22	49	gnjaabadefffafbqfpg
$N6_{35}$	4.7313000917	Z	Z/2	0.22	50	gnjaabadefffafbqcrm
$N6_{36}$	4.7362750454	Z	Z/2	0.21	51	gnjaabadefffafbqrba
$N6_{37}$	4.7481700347	Z/2+Z	Z/2	0.21	52	gkoaaacdfefffkadkrp
$N6_{38}$	4.7491258934	Z/4+Z	Z/2	0.21	53	gkoaaacdfefffkakhwe
$N6_{39}$	4.7557613684	Z/10+Z	Z/2	0.20	54	gkoaaacdfefffkaknqh
$N6_{40}$	4.7618428208	Z/2+Z	Z/2	0.80	55	gbpaafcdeeffepmqvka
$N6_{41}$	4.7706235222	Z	trivial	0.34	56	gepaaedeffdftftdlfx

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N6_{42}$	4.7751492758	Z	Z/2	0.19	57	ghjaabadfeffhkfrhms
$N6_{43}$	4.7794560636	Z/6+Z	Z/2	0.19	58	ghjaabadfeffhkfkhot
$N6_{44}$	4.7824041625	Z	Z/2	0.18	59	ghjaabadfeffhkfjhaf
$N6_{45}$	4.7939167110	Z/2+Z	trivial	0.33	60	ghkaaabffeeffhfffhx
$N6_{46}$	4.8243582543	Z	Z/2	0.34	61	gflaacceefffdkxslae
$N6_{47}$	4.8258101969	Z	Z/2	0.34	62	gflaabefddffofofgfx
$N6_{48}$	4.8265927492	Z	Z/2	0.34	63	gnfaabcdfeffaaahqbk
$N6_{49}$	4.8592500729	Z/2+Z/2+Z	Z/2	0.14	65	gnkaaabdfefffhgkqmb
$N6_{50}$	4.8597140157	Z	Z/2	0.14	66	gnkaaabdfefffhgjqrp
$N6_{51}$	4.8626288947	Z	Z/2	0.13	67	gnkaaabdfefffhgrqgh
$N6_{52}$	4.8717286758	Z/2+Z	Z/2	0.13	68	glkaaabdfefffhorhjl
$N6_{53}$	4.8727665711	Z/6+Z	Z/2	0.13	69	glkaaabdfefffhokhpf
$N6_{54}$	4.8749702714	Z/4+Z	Z/2	0.12	70	glkaaabdfefffhojhoq
$N6_{55}$	4.8846871201	Z/2+Z	Z/2	0.30	71	gjlaacedfdffnnnknnx
$N6_{56}$	4.8872824885	Z	trivial	0.27	72	gnkaaabdfefffhlxqgi
$N6_{57}$	4.8951038747	Z	Z/2	0.29	73	gbhacdcdedffafhaqak
$N6_{58}$	4.8976118602	Z/2+Z	trivial	0.27	74	ghjaabadfeffafiqalf
$N6_{59}$	4.9073204633	Z/4+Z	Z/2	0.74	77	gdlaacdefffeeqamgeb
$N6_{60}$	4.9080144255	Z/6+Z	Z/2	0.28	78	gflaaaceefffknamqme
$N6_{61}$	4.9116393682	Z	Z/2	0.28	79	gklaabddefffdffofxp
$N6_{62}$	4.9254862299	Z	Z/2	0.26	80	gcoabacdeffffkaobbk
$N6_{63}$	4.9421296449	Z/2+Z	Z/2	0.25	81	gcoabacdefffnkaobbk
$N6_{64}$	4.9439299024	Z/4+Z	Z/2	0.73	82	gbhabbcedffflfndahq
$N6_{65}$	4.9471480646	Z/2+Z	Z/2	0.26	83	gnkaaabdeffffasqxha
$N6_{66}$	4.9665594495	Z	Z/2	0.24	84	gflaabefddffofoonfx
$N6_{67}$	4.9723058537	Z	Z/2	0.36	85	gknaabbdefffhgkhhmd
$N6_{68}$	4.9764842183	Z	Z/2	0.23	86	ghjaabadfeffafkqaqa
$N6_{69}$	4.9929320120	Z	trivial	0.85	87	gfhaabefdeffqqltclw
$N6_{70}$	4.9985804131	Z/2+Z	Z/2	0.22	88	gcoabacdefffnkannok
$N6_{71}$	4.9996739696	Z	trivial	0.79	89	gdhaabfefeeflpbkxbr
$N6_{72}$	5.0045302384	Z/3+Z	Z/2	0.22	90	gkoaaacdeffffkattqi
$N6_{73}$	5.0117641957	Z/12+Z	Z/2	0.54	91	gffabbcdefffaaaqhjs
$N6_{74}$	5.0117641957	Z/12+Z	Z/2	0.54	92	gffabbcdefffaaaqhof
$N6_{75}$	5.0195044376	Z	Z/2	0.21	93	gnkaaabdfefffhvxqah
$N6_{76}$	5.0321678078	Z	Z/2	0.19	94	gcoabacdeffffkannok
$N6_{77}$	5.0331595743	Z/4+Z	Z/2	0.69	95	gbhabbcdeffflfndqha
$N6_{78}$	5.0331595743	Z/4+Z	Z/2	0.69	96	gbhabbcdeffflfndqqx
$N6_{79}$	5.0366719154	Z	Z/2	0.19	97	ghjaabadfeffafgqaqa
$N6_{80}$	5.0428471337	Z	trivial	0.18	98	ghkaaabdfefffhdqhek
$N6_{81}$	5.0431204260	Z	Z/2	0.70	99	gflaaacdfefffnnwdhp
$N6_{82}$	5.0730049503	Z	Z/2	0.31	100	gknaabbdefffhgkxahq

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N6_{83}$	5.0747080320	Z/2+Z/2+Z	Z/2	1.32	101	gbpaaccfeefffqxfqrr
$N6_{84}$	5.0747080320	Z/2+Z/2+Z	Z/2	1.32	103	gbpaacfdefeferoilih
$N6_{85}$	5.0747080320	Z/4+Z	Z/2	0.83	104	gepaaceffdefbdsoomx
$N6_{86}$	5.0868377132	Z	Z/2	0.31	105	glkaaabdfefffanqqei
$N6_{87}$	5.1041362815	Z/9+Z	Z/2	0.47	107	gjlaaacdeffffnxnkld
$N6_{88}$	5.1041362815	Z/9+Z	Z/2	0.47	106	gjlaaacdeffffnxnkip
$N6_{89}$	5.1151388682	Z/2+Z	Z/2	0.14	110	ghkaaabdfefffhfqhqh
$N6_{90}$	5.1247418702	Z	Z/2	0.71	111	gbnabbedeeffaafnkab
$N6_{91}$	5.1312348768	Z	Z/2	0.13	112	ghkaaabdfefffhbqhqh
$N6_{92}$	5.1691414685	Z	Z/2	0.64	113	gmlaacdcefffdekxole
$N6_{93}$	5.1913821090	Z	Z/2	0.24	118	gnkaaabdfefffhghhpe
$N6_{94}$	5.2029232890	Z	Z/2	0.58	119	gbhabbcedefflfndkqo
$N6_{95}$	5.2132789721	Z/2+Z	trivial	0.78	120	gbpaafedeeffkknieke
$N6_{96}$	5.2223861380	Z/2+Z	trivial	0.89	125	gbpaacdfdeffiwxdluj
$N6_{97}$	5.2254374787	Z/2+Z	Z/2	0.22	126	glkaaabdfefffhoqqld
$N6_{98}$	5.2310245667	Z/2+Z/2+Z	Z/2	0.62	127	gblabacdefffknhhhkv
$N6_{99}$	5.2496323940	Z/3+Z	Z/2	0.40	128	gflaaaceefffknanduk
$N6_{100}$	5.2496323940	Z/3+Z	Z/2	0.40	129	gflaaaceefffknanepk
$N6_{101}$	5.2545592690	Z	Z/2	0.20	130	glkaaabdfefffanaxqh
$N6_{102}$	5.2559046084	Z	trivial	0.71	131	gkhaabddfeffummhxkv
$N6_{103}$	5.2618265930	Z/2+Z	Z/2	0.54	132	ghdaabcdfeffqqswphu
$N6_{104}$	5.2776984244	Z	Z/2	0.76	137	gbpaaddfeeffngxgkrr
$N6_{105}$	5.2873633362	Z	Z/2	0.18	138	gnkaaabdfefffhgqxha
$N6_{106}$	5.2981128179	Z	Z/2	0.51	141	gdlaacdefffeeqamgek
$N6_{107}$	5.3205523122	Z/2+Z	Z/2	0.48	142	gblabbddeefflgekoxf
$N6_{108}$	5.3230599933	Z/6+Z	Z/2	0.35	145	gkoaaacdfefffkanndu
$N6_{109}$	5.3230599933	Z/6+Z	Z/2	0.35	146	gkoaaacdfefffkannlm
$N6_{110}$	5.3334895669	Z/2+Z	Z/2	0.87	158	gfhaabeddfffomqahwp
$N6_{111}$	5.3334895669	Z/3+Z	D3	1.27	155	gdhaadffeeefafcisij
$N6_{112}$	5.3334895669	Z	Z/2	0.69	156	gdnaabfefeefbxthvde
$N6_{113}$	5.3364414250	Z/4+Z	Z/2	0.15	159	glkaaabdfefffhohxqa
$N6_{114}$	5.3461390269	Z/4+Z	Z/2	0.47	160	gdlaacdefffeeqhmgeg
$N6_{115}$	5.3612833249	Z/2+Z	Z/2	0.58	161	gcoabacdeffffkhhqkc
$N6_{116}$	5.3846045903	Z	trivial	0.62	162	ghdaabcefeffqqjwlnc
$N6_{117}$	5.4026037571	Z/2+Z/2+Z	Z/2	0.54	163	gblabacdefffknaxakn
$N6_{118}$	5.4051616528	Z	trivial	0.62	164	gcpaacfeedffbgtigqg
$N6_{119}$	5.4121390273	Z	Z/2	0.43	165	gclabbcdeeffpntfoxo
$N6_{120}$	5.4199716303	Z/3+Z	Z/2	0.46	166	gflaabceefffiosvfvk
$N6_{121}$	5.4199716303	Z/3+Z	Z/2	0.46	167	gglaaccdefffmfqctxe
$N6_{122}$	5.4292493482	Z/4+Z	Z/2	1.02	170	gddabbcedfffaaxxjfa
$N6_{123}$	5.4325142091	Z/2+Z	Z/2	0.94	171	gdhaabdfefefhgnuucw

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N6_{124}$	5.4369068984	Z	Z/2	0.51	172	gbnabbedeeffaafnkhg
$N6_{125}$	5.4372908093	Z/2+Z	Z/2	0.54	173	gbnabbedeeffaafnkak
$N6_{126}$	5.4556304702	Z/3+Z	Z/2	0.99	174	gapabcdcefffkfooafj
$N6_{127}$	5.4569255270	Z	Z/2	0.41	175	gdlaacdefffeeqhmgeo
$N6_{128}$	5.4598272876	Z	trivial	0.61	176	ghdaabceffefqqjnffq
$N6_{129}$	5.4799080568	Z/4+Z	Z/2	0.60	177	gclacbcdeeffpntfvqn
$N6_{130}$	5.4829052662	Z	Z/2	1.07	178	gfhaadcfdeffccxxawo
$N6_{131}$	5.4913431519	Z/2+Z	trivial	0.57	179	gflaabddeeffqunprwf
$N6_{132}$	5.4929538031	Z	trivial	1.26	180	gdhaabdeffefsmisxkj
$N6_{133}$	5.4929538031	Z	trivial	0.59	181	gmlaacdcfeffdlknchr
$N6_{134}$	5.4935346129	Z	Z/2	0.39	182	gflaaacffeeffnnwuti
$N6_{135}$	5.4957935651	Z/2+Z	trivial	0.88	183	gdlaabfddeffkdhnjch
$N6_{136}$	5.4957935651	Z/2+Z	Z/2	0.88	184	gddabbcedfffaaaarxr
$N6_{137}$	5.4957935651	Z/14+Z	Z/6	0.88	185	gfdabbcdefffaahhhbw
$N6_{138}$	5.5471851552	Z/2+Z	Z/2	0.55	187	gclacccedeffmfkenxn
$N6_{139}$	5.5559205266	Z/3+Z	Z/2	0.88	189	gjhaadcefeffafofkko
$N6_{140}$	5.5639099784	Z	Z/2	0.44	190	gbnabbedeeffaafnkhf
$N6_{141}$	5.5736091128	Z/4+Z	trivial	0.55	194	gbpaadffddefooxmukj
$N6_{142}$	5.5869076495	Z	trivial	0.57	200	gbpaaddefeffngkcgwp
$N6_{143}$	5.5886358613	Z	trivial	0.98	201	gbhabdcdefffiixxknl
$N6_{144}$	5.6121652116	Z/2+Z	Z/2	0.42	203	gcoabacdeffffkxaank
$N6_{145}$	5.6176641979	Z	trivial	0.51	204	gcpaacfddfefggduxfr
$N6_{146}$	5.6377907922	Z	Z/2	0.46	208	gdlaaadfedfffhhagah
$N6_{147}$	5.6588789802	Z	trivial	0.98	209	gapabdcedfffdkddict
$N6_{148}$	5.6686651717	Z	Z/2	0.52	210	ggoaaacdfefffkkwuhe
$N6_{149}$	5.6739607527	Z	trivial	0.61	211	ghdaabcdefffknodxbi
$N6_{150}$	5.6893185658	Z	Z/2	0.44	212	gdlaaadfedfffahabah
$N6_{151}$	5.6927888651	Z	trivial	0.45	213	gbnabbcedeffhejkdfk
$N6_{152}$	5.7499737568	Z/7+Z	Z/2	0.75	216	gcnabbcedffflkubqlm
$N6_{153}$	5.7520419336	Z	trivial	0.98	217	gdhaadceffeffaifrwa
$N6_{154}$	5.7535765974	Z	trivial	0.41	218	ggoaaaceeffffkckfoq
$N6_{155}$	5.7539104930	Z/2+Z	trivial	0.41	219	gdlaacdfdffeqmmtqnf
$N6_{156}$	5.7610969117	Z	Z/2	0.46	220	ggoaaacfeefffknmxna
$N6_{157}$	5.7678369661	Z	Z/2	0.78	221	gldaabcdfeffvvvxcph
$N6_{158}$	5.7694427608	Z	trivial	0.69	223	ghdaabceffefaafrspb
$N6_{159}$	5.7694427608	Z	trivial	0.42	222	ggoaaaceffefnkjofdv
$N6_{160}$	5.7857225917	Z/16+Z	Z/2	0.72	225	gfdabbcdefffaahhqfs
$N6_{161}$	5.7904244058	Z	trivial	0.80	226	gdlaabddfeffkfhjmmw
$N6_{162}$	5.8205370799	Z/3+Z	Z/2	0.68	228	gbpaaddfeeffngjgkoq
$N6_{163}$	5.8564774267	Z/2+Z	Z/2	0.45	230	gdlaaadfedfffhhaoah
$N6_{164}$	5.8759180827	Z/3+Z	Z/2	0.88	233	gdnaabddfeffafillbt

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N6_{165}$	5.8759180827	Z/3+Z	Z/2	0.88	237	gdnaabdffeefafolslb
$N6_{166}$	5.8766562977	Z	Z/2	0.44	239	gdlaaadfedfffahakah
$N6_{167}$	5.8830478581	Z	trivial	1.11	240	gbpaacedfeffffccfir
$N6_{168}$	5.8830478581	Z	trivial	0.34	241	ggoaaaceffeffkjofdv
$N6_{169}$	5.9000652015	Z/3+Z	Z/2	0.64	242	gblabbcdefffiofxctf
$N6_{170}$	5.9143677862	Z/2+Z	Z/2	0.83	245	gbhabbeddfffgiahqsl
$N6_{171}$	5.9417137250	Z	trivial	0.83	246	gclabbdedfffkfdhobi
$N6^2_1$	3.4075408138	Z/2+Z	Z/2	0.16	2	gkfabbcbdfefaabafdu
$N6^2_2$	3.5042599229	Z/2+Z	Z/2	0.10	9	gkfabbcbdfffaabaekl
$N6^2_3$	3.5497297753	Z/2+Z	Z/2	0.07	12	gjdabbcdcfefaaakbet
$N6^2_4$	3.5633379582	Z/2+Z	Z/2	0.06	13	gkjabbacdfefafahglt
$N6^2_5$	3.5716614213	Z/4+Z	Z/2	0.06	17	gkjabbacdfffafahiom
$N6^2_6$	3.5744485679	Z/2+Z	Z/2	0.06	18	gkkababcdffffaqqdnp
$N6^2_7$	3.5884454229	Z/4+Z	Z/2	0.05	20	gjdabbcdceffaaakmnt
$N6^2_8$	3.5887624971	Z/4+Z	Z/2	0.05	21	gkkababcdefffhqqpou
$N6^2_9$	3.5924965369	Z/2+Z	Z/2	0.05	23	gkjababcdfffbahqdnp
$N6^2_{10}$	3.5980273667	Z/2+Z	Z/2	0.04	25	gkkababcdfeffaqqbet
$N6^2_{11}$	3.6058821121	Z/2+Z	Z/2	0.04	26	gkjababcdfefbqqafdu
$N6^2_{12}$	3.6061338282	Z/4+Z	Z/2	0.04	27	gkjababcdfefbahqbet
$N6^2_{13}$	3.6107705491	Z/2+Z	Z/2	0.03	28	gkkababcdfeffhqqglt
$N6^2_{14}$	3.6129927729	Z/2+Z	Z/2	0.03	29	gkjababcdfffbqqaekl
$N6^2_{15}$	3.6133187789	Z/4+Z	Z/2	0.03	30	gkkababcdfeffhqafdu
$N6^2_{16}$	3.6216821094	Z/2+Z	Z/2	0.03	31	gkkababcdffffhqaekl
$N6^2_{17}$	4.9062137359	Z/4+Z	Z/2	0.40	75	gffabbcdefffaaaccax
$N6^2_{18}$	4.9062137359	Z/2+Z/2+Z	Z/2	0.40	76	gnfaabcdfeffaaaaaxa
$N6^2_{19}$	5.0747080320	Z/2+Z/2+Z	D2	1.32	102	gbpaacdefeffqxqqxqx
$N6^2_{20}$	5.1147547691	Z/2+Z	Z/2	0.28	108	gfjabbadefffafbssbn
$N6^2_{21}$	5.1147547691	Z/2+Z	Z/2	0.28	109	gnjaabadfeffafbjjem
$N6^2_{22}$	5.1766978761	Z/2+Z/2+Z	Z/2	0.24	114	glkaaabdeffffanggem
$N6^2_{23}$	5.1766978761	Z/4+Z	Z/2	0.24	115	glkaaabdeffffanjjxm
$N6^2_{24}$	5.1907751874	Z/2+Z	Z/2	0.24	116	gfkababdeffffhgjsim
$N6^2_{25}$	5.1907751874	Z/2+Z	Z/2	0.24	117	gfkababdeffffhgvvam
$N6^2_{26}$	5.2174277025	Z/8+Z	Z/2	0.54	122	gddabbcedfffaacvcca
$N6^2_{27}$	5.2210687819	Z/2+Z	Z/2	0.22	123	ghjaababdefffhkfbbxe
$N6^2_{28}$	5.2210687819	Z/2+Z	Z/2	0.22	124	ghjaabadefffhkfvvme
$N6^2_{29}$	5.2657970591	Z/2+Z	Z/2	0.19	133	gdkababdeffffhorwmi
$N6^2_{30}$	5.2657970591	Z/2+Z	Z/2	0.19	134	gdkababdeffffhovvai
$N6^2_{31}$	5.2755296621	Z/6+Z	Z/2	0.52	136	gflaabdfdefflgrpjwx
$N6^2_{32}$	5.2931570072	Z/8+Z	Z/2	0.17	140	gfkababdeffffhgvvim
$N6^2_{33}$	5.2931570072	Z/2+Z/2+Z	Z/2	0.17	139	gfkababdeffffhgjsam
$N6^2_{34}$	5.3220108140	Z/2+Z	Z/2	0.16	144	gdkababdeffffhovvmi

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N6^2_{35}$	5.3220108140	Z/2+Z	Z/2	0.16	143	gdkababdeffffhorwai
$N6^2_{36}$	5.3334895669	Z/4+Z	Z/2	0.96	151	gcpaacedeffftetkxje
$N6^2_{37}$	5.3334895669	Z/4+Z	D2	0.63	152	gddabbcedfffaaccacv
$N6^2_{38}$	5.3334895669	Z/12+Z	D2	0.63	157	gfdabbcdefffaaccaax
$N6^2_{39}$	5.4261504128	Z/2+Z	trivial	0.91	168	gdlaacceefffqqxcqru
$N6^2_{40}$	5.4292493482	Z/4+Z	Z/2	1.02	169	gddabbcedfffaaxxcav
$N6^2_{41}$	5.4973523057	Z/2+Z	Z/2	0.37	186	gbhabbdedfefrehppgt
$N6^2_{42}$	5.5479389869	Z/4+Z	Z/2	0.34	188	gjhaabcedeffjdqnatd
$N6^2_{43}$	5.5736091128	Z+Z	D4	1.18	197	gdnaabddefffafqvvbh
$N6^2_{44}$	5.5736091128	Z/4+Z	D2	1.00	192	gapabdeeddffjxjjijd
$N6^2_{45}$	5.5736091128	Z/2+Z/4+Z	D2	1.00	193	gbpaacdffeefcxxwjxc
$N6^2_{46}$	5.5736091128	Z/4+Z	Z/2	0.50	191	gapabcdeceffbmmbevo
$N6^2_{47}$	5.5759645097	Z/2+Z	Z/2	0.82	199	gbpaaefffdeeorxrfon
$N6^2_{48}$	5.6010589679	Z/2+Z	Z/2	0.89	202	gldaabcdfeffwwxvckr
$N6^2_{49}$	5.6253782496	Z/2+Z	trivial	1.65	205	gfhaabdedfffrexlpwx
$N6^2_{50}$	5.6373640784	Z/2+Z	Z/2	0.45	206	gapabcdeedffdoddobg
$N6^2_{51}$	5.6373640784	Z/6+Z	Z/2	0.45	207	gipaacdeedffioidovo
$N6^2_{52}$	5.7233626238	Z/2+Z	Z/2	0.41	214	gbhabcdeedffwoccoln
$N6^2_{53}$	5.7233626238	Z/2+Z	Z/2	0.41	215	gchabdceceffcgsgcuk
$N6^2_{54}$	5.7857225917	Z/4+Z	Z/2	0.72	224	gddabbcedfffaaaaccx
$N6^2_{55}$	5.8009741259	Z/2+Z	Z/2	0.86	227	ggnaabdddfffnfqgsmt
$N6^2_{56}$	5.8500399449	Z/4+Z	trivial	0.68	229	gblabbedefefwutxust
$N6^2_{57}$	5.8759180827	Z/8+Z	D2	0.88	235	gdnaabdfeeffafqvhvb
$N6^2_{58}$	5.8759180827	Z/2+Z/2+Z	D2	0.88	238	gdnaabdffeefafqkhkb
$N6^2_{59}$	5.8759180827	Z/8+Z	D2	0.44	231	gcoabacedefffkooioo
$N6^2_{60}$	5.8759180827	Z/2+Z/6+Z	D2	0.44	232	gcoacacedefffkrrirf
$N6^2_{61}$	5.9079634042	Z/2+Z	Z/2	0.85	244	gdnaabdceeffafdgjbt
$N6^2_{62}$	5.9079634042	Z/2+Z	Z/2	0.42	243	gcoabacedefffkooisn
$N6^2_{63}$	5.9596988312	Z/4+Z	Z/2	1.05	247	gbhabccddeffqqkxmnt
$N6^2_{64}$	5.9596988312	Z/4+Z	Z/2	1.05	248	gbhabccddfffqhkadnp
$N6^2_{65}$	6.0896496385	Z/4+Z	Z/4	2.06	257	gddabbcedfffccccvvx
$N6^2_{66}$	6.0896496385	Z/2+Z/2+Z	Z/2	1.09	249	gapabcedefffaxaxxaa
$N6^2_{67}$	6.0896496385	Z/2+Z/4+Z	D2	1.09	252	gbpaaccfeeffhxhhxxh
$N6^2_{68}$	6.0896496385	Z/4+Z	Z/2	1.09	258	gdhaabefeffehxxsxsh
$N6^3_{1}$	5.3334895669	Z/2+Z/2+Z	D2	1.27	147	gapabdecefffwwxxxww
$N6^3_{2}$	5.3334895669	Z/2+Z/6+Z	D6	1.27	148	gbpaaccfeeffcxxxcxx
$N6^3_{3}$	6.0896496385	Z/2+Z/4+Z	Z/2	1.46	250	gapabdcdefffrxxxxrx
$N6^4_{1}$	6.0896496385	Z/2+Z/2+Z/2+Z	octahedral	2.17	255	gbpaacdeffefxxxxxxx
$N6^{0,1}_{1}$	4.8364038654	Z+Z	Z/2	0.77	64	gflaabefdfefofokseb
$N6^{0,1}_{2}$	5.2174277025	Z+Z	Z/2	0.54	121	gddabbcdefffaaknnna
$N6^{0,1}_{3}$	5.2755296621	Z+Z	Z/2	0.52	135	gelabbcdefffhlgbkje

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N6_4^{0,1}$	6.0896496385	Z/2+Z+Z	D2	1.09	253	`gbpaaccffeefhqaaqhx`
$N6_1^{0,2}$	6.0896496385	Z+Z+Z	D4	1.32	254	`gbpaacdeffefhhhxxhx`
$N6_1^{1,1}$	5.3334895669	Z+Z	D2	1.27	149	`gbpaacdfeeffcaxacxx`
$N6_2^{1,1}$	5.3334895669	Z+Z	D2	1.27	150	`gbpaaddfeeffacxacxx`
$N6_3^{1,1}$	5.3334895669	Z+Z	Z/2	0.96	153	`gdhaaceeffefffrvxth`
$N6_4^{1,1}$	5.3334895669	Z+Z	Z/2	0.96	154	`gdhaaceeffefffwlxps`
$N6_5^{1,1}$	5.5736091128	Z+Z	D2	1.18	198	`gdnaabdfeeffafkvkvb`
$N6_6^{1,1}$	5.8759180827	Z/3+Z+Z	D2	0.88	234	`gdnaabddfeffafqllbh`
$N6_7^{1,1}$	5.8759180827	Z+Z	D2	0.88	236	`gdnaabdffeefafklklb`
$N6_8^{1,1}$	6.0896496385	Z+Z	Z/2	0.86	251	`gbhabbeeefffoemjfkq`
$N6_1^{2,1}$	5.5736091128	Z/2+Z+Z	D2	1.00	195	`gdhaacedefffddlxxhu`
$N6_2^{2,1}$	5.5736091128	Z/2+Z+Z	D2	1.00	196	`gdhaacefefefddkxxvh`
$N6_3^{2,1}$	6.0896496385	Z/2+Z+Z	D2	2.06	256	`gddabbcedfffccccccx`

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_1$	3.3775974082	0.0658965150	Z/6+Z	D2	0.18	c	0	hfdafbcdefgggaaaaaafo
$M7_2$	3.3775974082	0.1841034850	Z/10+Z	D2	0.18	c	1	hfdafbcdefgggaaaaaajs
$M7_3$	3.4654652248	0.0285910804	Z	Z/2	0.13	c	2	hkfagbcbdegggaabaabgk
$M7_4$	3.4703957314	0.1115150216	Z/5+Z	Z/2	0.12	c	3	hkfagbcbdegggaabaabsg
$M7_5$	3.5201210078	0.1451585006	Z/7+Z	D2	0.09	c	4	hjdadbcdcgfggqqqglklq
$M7_6$	3.5201210078	0.1048414994	Z/15+Z	D2	0.09	c	5	hjdafbcdcffggqqqgjkxb
$M7_7$	3.5291628005	0.0422168802	Z/13+Z	D2	0.08	c	6	hkfadbcbdffggaabaknan
$M7_8$	3.5291628005	0.2077831198	Z/11+Z	D2	0.08	c	7	hkfadbcbdfgggaabakhaq
$M7_9$	3.5467235265	0.1182126671	Z	Z/2	0.08	c	8	hkfagbcbdegggaabaakng
$M7_{10}$	3.5470748494	0.2107412386	Z/17+Z	D2	0.07	c	9	hkfadbcbdffgghhghknan
$M7_{11}$	3.5470748494	0.0392587614	Z/7+Z	D2	0.07	c	10	hkfadbcbdfggghhghkhaq
$M7_{12}$	3.5477771947	0.0347139802	Z/5+Z	Z/2	0.07	c	11	hkfagbcbdegggaabaasnk
$M7_{13}$	3.5611447161	0.0446506132	Z/19+Z	D2	0.07	c	12	hkfadbcbdffgghhghkoab
$M7_{14}$	3.5611447161	0.2053493868	Z/5+Z	D2	0.07	c	13	hkfadbcbdfggghhghkiae
$M7_{15}$	3.5674632194	0.2189412701	Z/7+Z	D2	0.06	c	14	hlkacabdfgfggfanxcnvn
$M7_{16}$	3.5674632194	0.0310587299	Z/19+Z	D2	0.06	c	15	hlkacabdfgfggfanxnnkn
$M7_{17}$	3.5738825406	0.2200160608	Z	D2	0.06	c	16	hkfadbcbdfgggaabakihi
$M7_{18}$	3.5738825406	0.0299839392	Z/21+Z	D2	0.06	c	17	hkfajbcbdffggaabawkxf
$M7_{19}$	3.5787586827	0.0517546959	Z/8+Z	D2	0.05	c	18	hkkadabcdfgggfhqqoppq
$M7_{20}$	3.5787586827	0.1982453041	Z/20+Z	D2	0.05	c	19	hlkacabdfgfggfhoxoofo
$M7_{21}$	3.5787922258	0.0069990380	Z/21+Z	D2	0.05	c	20	hgjadbacefggghkhfixvo
$M7_{22}$	3.5787922258	0.2430009620	Z/5+Z	D2	0.05	c	21	hgjadbacefggghkhfmxfg
$M7_{23}$	3.5845998151	0.2303723042	Z/5+Z	Z/2	0.05	c	22	hfdadbcdeegggaaaanbgk
$M7_{24}$	3.5856061100	0.1863536322	Z	Z/2	0.05	c	23	hfdadbcdeegggaaaanbsg
$M7_{25}$	3.5889139178	0.2117883006	Z/23+Z	D2	0.05	c	24	hkfadbcbdffggaabakoab
$M7_{26}$	3.5889139178	0.0382116994	Z	D2	0.05	c	25	hkfadbcbdfgggaabakiae
$M7_{27}$	3.5954163758	0.2434937321	Z/23+Z	D2	0.04	c	26	hhjabbadefggghkfhffof
$M7_{28}$	3.5954163758	0.0065062679	Z/7+Z	D2	0.04	c	27	hhjabbadefggghkfhffsj
$M7_{29}$	3.5956604244	0.1341265735	Z	Z/2	0.04	c	28	hkfagbcbdegggaabahgbf
$M7_{30}$	3.5967960993	0.0507860289	Z	Z/2	0.04	c	29	hkfagbcbdegggaabahgvb
$M7_{31}$	3.5968822449	0.2297414544	Z/24+Z	D2	0.04	c	30	hofacbcbegfggaabneagn
$M7_{32}$	3.5968822449	0.0202585456	Z/4+Z	D2	0.04	c	31	hofacbcbegfggaabniabn
$M7_{33}$	3.6004722052	0.0475024532	Z	Z/2	0.04	c	32	hkfagbcbdegggaabahfob
$M7_{34}$	3.6013794706	0.1308561646	Z	Z/2	0.04	c	33	hkfagbcbdegggaabahvof
$M7_{35}$	3.6039526826	0.1524454570	Z/20+Z	D2	0.04	c	34	hjdadbcdcffggaaaknkak
$M7_{36}$	3.6039526826	0.0975545430	Z/16+Z	D2	0.04	c	35	hjdadbcdcfgggaaaknqha
$M7_{37}$	3.6059864415	0.2367539213	Z/22+Z	D2	0.04	c	36	hkjadbacdffggafahofhf
$M7_{38}$	3.6059864415	0.0132460787	Z/14+Z	D2	0.04	c	37	hkjadbacdfgggafahoqah
$M7_{39}$	3.6074291692	0.0146729841	Z/23+Z	D2	0.04	c	38	hkjafbacdffggafahgbqb
$M7_{40}$	3.6074291692	0.2353270159	Z/13+Z	D2	0.04	c	39	hkjafbacdfgggafahghaq
$M7_{41}$	3.6081937450	0.1961436681	Z	Z/2	0.04	c	40	hkkagabcdegggfaqqqfob

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{42}$	3.6087923038	0.1128344116	Z	Z/2	0.03	c	41	hkkagabcdegggfaqqqvof
$M7_{43}$	3.6102251385	0.1578703980	Z	Z/2	0.03	c	42	hkjagbacdegggafahhnko
$M7_{44}$	3.6108824928	0.0745505665	Z/5+Z	Z/2	0.03	c	43	hkjagbacdegggafahhwkn
$M7_{45}$	3.6109645942	0.0961913834	Z/25+Z	D2	0.03	c	44	hjdadbcdcffggqqqgnkak
$M7_{46}$	3.6109645942	0.1538086166	Z/11+Z	D2	0.03	c	45	hjdadbcdcgfggqqqgqkha
$M7_{47}$	3.6130064651	0.1706205051	Z/27+Z	D2	0.03	c	46	hgjadabcefgggbqqbxifg
$M7_{48}$	3.6130064651	0.0793794949	Z/7+Z	D2	0.03	c	47	hgjadabcefgggbqqbxmvb
$M7_{49}$	3.6147960308	0.1835686775	Z	Z/2	0.03	c	48	hfdadbcdeegggaaaankng
$M7_{50}$	3.6150310901	0.2330699557	Z	Z/2	0.03	c	49	hfdadbcdeegggaaaansnk
$M7_{51}$	3.6155675298	0.1363956898	Z/5+Z	Z/2	0.03	c	50	hkkagabcdegggfhqqqkng
$M7_{52}$	3.6157603559	0.2246386956	Z/23+Z	D2	0.03	c	51	hkkafabcdffggfaqqbgqg
$M7_{53}$	3.6157603559	0.0253613044	Z/17+Z	D2	0.03	c	52	hkkafabcdfgggfaqqbaqh
$M7_{54}$	3.6159960673	0.2197094937	Z	Z/2	0.03	c	53	hkkagabcdegggfhqqqsnk
$M7_{55}$	3.6172287147	0.0707464524	Z/28+Z	D2	0.03	c	54	hlkababdegfggfhohooof
$M7_{56}$	3.6172287147	0.1792535476	Z/8+Z	D2	0.03	c	55	hlkababdegfggfhohoosj
$M7_{57}$	3.6189739821	0.0646749327	Z	Z/2	0.03	c	56	hkfagbcbdegggaabqhnko
$M7_{58}$	3.6194092781	0.1514112969	Z/29+Z	D2	0.03	c	57	hjdadbcdcffggqqqggkaf
$M7_{59}$	3.6194092781	0.0985887031	Z/7+Z	D2	0.03	c	58	hjdadbcdcgfggqqqglkua
$M7_{60}$	3.6194613926	0.1480031053	Z	Z/2	0.03	c	59	hkfagbcbdegggaabqhwkn
$M7_{61}$	3.6199366190	0.0242284189	Z/27+Z	D2	0.03	c	60	hkkadabcdffggfaqqnkak
$M7_{62}$	3.6199366190	0.2257715811	Z/13+Z	D2	0.03	c	61	hkkadabcdfgggfaqqnqha
$M7_{63}$	3.6200372293	0.0918163081	Z/2+Z	D2	0.03	c	62	hjdadbcdcfgggaaaknmmq
$M7_{64}$	3.6200372293	0.1581836919	Z/30+Z	D2	0.03	c	63	hjdafbcdcffggqqqgbjxn
$M7_{65}$	3.6227641799	0.0911219485	Z	Z/2	0.03	c	64	hkjagabcdegggbahqqfob
$M7_{66}$	3.6230344173	0.0203634903	Z/3+Z	D2	0.03	c	65	hkkafabcdfgggfaqqbeae
$M7_{67}$	3.6230344173	0.2296365097	Z/31+Z	D2	0.03	c	66	hkkajabcdffggfaqqbsxk
$M7_{68}$	3.6231237940	0.1744445001	Z	Z/2	0.03	c	67	hkjagabcdegggbahqqvof
$M7_{69}$	3.6237159786	0.2375719814	Z/31+Z	D2	0.03	c	68	hkjafbacdffggafahgfqn
$M7_{70}$	3.6237159786	0.0124280186	Z/5+Z	D2	0.03	c	69	hkjafbacdfgggafahglmq
$M7_{71}$	3.6239374357	0.0565450346	Z/25+Z	D2	0.03	c	70	hkkafabcdffggfhqqgbqb
$M7_{72}$	3.6239374357	0.1934549654	Z/19+Z	D2	0.03	c	71	hkkafabcdfgggfhqqghaq
$M7_{73}$	3.6242056962	0.0723279815	Z	Z/2	0.03	c	72	hkjagbacdegggafahhfon
$M7_{74}$	3.6244649470	0.1556761807	Z/5+Z	Z/2	0.03	c	73	hkjagbacdegggafahhfwo
$M7_{75}$	3.6244815360	0.0110042932	Z/26+Z	D2	0.03	c	74	hkjadabcdffggfqahofhf
$M7_{76}$	3.6244815360	0.2389957068	Z/18+Z	D2	0.03	c	75	hkjadabcdfgggfqahoqah
$M7_{77}$	3.6257964175	0.2346183199	Z/4+Z	D2	0.02	c	76	hgkadabcegfggfaqgdqvb
$M7_{78}$	3.6257964175	0.0153816801	Z/32+Z	D2	0.02	c	77	hgkadabcegfggfaqgpqfg
$M7_{79}$	3.6257964175	0.0153816801	Z/32+Z	D2	0.02	c	78	hkjadbacdffggafahobhk
$M7_{80}$	3.6257964175	0.2346183199	Z/4+Z	D2	0.02	c	79	hkjadbacdfgggafahopih
$M7_{81}$	3.6268667206	0.2380448386	Z/29+Z	D2	0.02	c	80	hkjadabcdffggbahqnkak
$M7_{82}$	3.6268667206	0.0119551614	Z/15+Z	D2	0.02	c	81	hkjadabcdfgggbahqnqha

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{83}$	3.6270400794	0.1107436092	Z	Z/2	0.02	c	82	hkkagabcdegggfaqqqgbf
$M7_{84}$	3.6272086897	0.1940918011	Z	Z/2	0.02	c	83	hkkagabcdegggfaqqqgvb
$M7_{85}$	3.6278614293	0.1925236298	Z/30+Z	D2	0.02	c	84	hkkadabcdffggfhqqofhf
$M7_{86}$	3.6278614293	0.0574763702	Z/14+Z	D2	0.02	c	85	hkkadabcdfgggfhqqoqah
$M7_{87}$	3.6280763856	0.1499732167	Z	Z/2	0.02	c	86	hkfagbcbdegggaabqhfon
$M7_{88}$	3.6283179777	0.0666293597	Z	Z/2	0.02	c	87	hkfagbcbdegggaabqhfwo
$M7_{89}$	3.6283374309	0.0868461624	Z/33+Z	D2	0.02	c	88	hgjadabcefgggbqqbiqbs
$M7_{90}$	3.6283374309	0.1631538376	Z/5+Z	D2	0.02	c	89	hgjadabcefgggbqqbmqng
$M7_{91}$	3.6291041565	0.2238614444	Z/33+Z	D2	0.02	c	90	hkkadabcdffggfaqqngaf
$M7_{92}$	3.6291041565	0.0261385556	Z/7+Z	D2	0.02	c	91	hkkadabcdfgggfaqqnmda
$M7_{93}$	3.6297348993	0.0956908065	Z/34+Z	D2	0.02	c	92	hjdadbcdcffggaaakngaf
$M7_{94}$	3.6297348993	0.1543091935	Z/2+Z	D2	0.02	c	93	hjdadbcdcfgggaaaknmda
$M7_{95}$	3.6310796911	0.0829899987	Z/29+Z	D2	0.02	c	94	hkjadabcdffggbqqaknan
$M7_{96}$	3.6310796911	0.1670100013	Z/19+Z	D2	0.02	c	95	hkjadabcdfgggbqqakhaq
$M7_{97}$	3.6313680478	0.1763678297	Z/5+Z	Z/2	0.02	c	96	hjdagbcdcegggaaakqfob
$M7_{98}$	3.6316292544	0.2402978627	Z	Z/2	0.02	c	97	hjdagbcdcegggaaakqvof
$M7_{99}$	3.6317894363	0.1894260992	Z/3+Z	D2	0.02	c	98	hkkafabcdfgggfhqqgllh
$M7_{100}$	3.6317894363	0.0605739008	Z/35+Z	D2	0.02	c	99	hkkajabcdffggfhqqgvxf
$M7_{101}$	3.6323149961	0.1662038008	Z/31+Z	D2	0.02	c	100	hkjadabcdffggfhhqnkak
$M7_{102}$	3.6323149961	0.0837961992	Z/17+Z	D2	0.02	c	101	hkjadabcdfgggfhhqnqha
$M7_{103}$	3.6323350493	0.1637518882	Z	Z/2	0.02	c	102	hkjagabcdegggbqqaabgk
$M7_{104}$	3.6325589364	0.2470800004	Z	Z/2	0.02	c	103	hkjagabcdegggbqqaabsg
$M7_{105}$	3.6326363820	0.2214819562	Z	Z/2	0.02	c	104	hkkagabcdegggfhqqqbgk
$M7_{106}$	3.6327488069	0.1381376837	Z	Z/2	0.02	c	105	hkkagabcdegggfhqqqbsg
$M7_{107}$	3.6344632570	0.2387478545	Z	Z/2	0.02	c	106	hjdagbcdcegggaaakqgbf
$M7_{108}$	3.6345553977	0.1047849096	Z	Z/2	0.02	c	107	hkkagabcdegggfaqqafon
$M7_{109}$	3.6346544311	0.1779138377	Z	Z/2	0.02	c	108	hjdagbcdcegggaaakqgvb
$M7_{110}$	3.6347685444	0.1881181001	Z	Z/2	0.02	c	109	hkkagabcdegggfaqqafwo
$M7_{111}$	3.6347891627	0.0558850996	Z/36+Z	D2	0.02	c	110	hkkadabcdffggfhqqobhk
$M7_{112}$	3.6347891627	0.1941149004	Z/8+Z	D2	0.02	c	111	hkkadabcdfgggfhqqopih
$M7_{113}$	3.6351481987	0.0237674400	Z/37+Z	D2	0.02	c	112	hkkafabcdffggfaqqbkqo
$M7_{114}$	3.6351481987	0.2262325600	Z/3+Z	D2	0.02	c	113	hkkafabcdfgggfaqqbeqp
$M7_{115}$	3.6352511867	0.1760630065	Z	Z/2	0.02	c	114	hkjagabcdegggbahqqgbf
$M7_{116}$	3.6353687138	0.0927212131	Z	Z/2	0.02	c	115	hkjagabcdegggbahqqgvb
$M7_{117}$	3.6354845654	0.0643848174	Z/5+Z	D2	0.02	c	116	hgkadabcefgggfhqbqisg
$M7_{118}$	3.6354845654	0.1856151826	Z/37+Z	D2	0.02	c	117	hgkadabcefgggfhqbqmkb
$M7_{119}$	3.6355100007	0.2365051717	Z	Z/2	0.02	c	118	hkkagabcdegggfhqaabgk
$M7_{120}$	3.6356859136	0.1531766057	Z	Z/2	0.02	c	119	hkkagabcdegggfhqaabsg
$M7_{121}$	3.6357516127	0.1824202647	Z/31+Z	D2	0.02	c	120	hkkadabcdffggfhqaknan
$M7_{122}$	3.6357516127	0.0675797353	Z/21+Z	D2	0.02	c	121	hkkadabcdfgggfhqakhaq
$M7_{123}$	3.6359740869	0.0104042154	Z/37+Z	D2	0.02	c	122	hkjadabcdffggbahqngaf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{124}$	3.6359740869	0.2395957846	Z/7+Z	D2	0.02	c	123	hkjadabcdfgggbahqnmda
$M7_{125}$	3.6372097780	0.0668946759	Z/34+Z	D2	0.02	c	124	hkkadabcdffggnaqhknan
$M7_{126}$	3.6372097780	0.1831053241	Z/18+Z	D2	0.02	c	125	hkkadabcdfgggnaqhkhaq
$M7_{127}$	3.6373172274	0.1810749717	Z	Z/2	0.02	c	126	hkjagabcdegggbahqafon
$M7_{128}$	3.6374914692	0.0977424495	Z	Z/2	0.02	c	127	hkjagabcdegggbahqafwo
$M7_{129}$	3.6384076339	0.1894825876	Z	Z/2	0.02	c	128	hkkagabcdegggfaqqanko
$M7_{130}$	3.6385449246	0.1061449655	Z	Z/2	0.02	c	129	hkkagabcdegggfaqqawkn
$M7_{131}$	3.6393866871	0.2376247479	Z/40+Z	D2	0.02	c	130	hkjadabcdffggfqahobhk
$M7_{132}$	3.6393866871	0.0123752521	Z/4+Z	D2	0.02	c	131	hkjadabcdfgggfqahopih
$M7_{133}$	3.6397221902	0.2473595321	Z	Z/2	0.02	c	132	hkjagabcdegggbqqahgbf
$M7_{134}$	3.6398650578	0.1693083234	Z/5+Z	Z/2	0.02	c	133	hkjagabcdegggbqqahgvb
$M7_{135}$	3.6404586709	0.1921604318	Z/41+Z	D2	0.01	c	134	hkkafabcdffggfhqqgfqn
$M7_{136}$	3.6404586709	0.0578395682	Z/3+Z	D2	0.01	c	135	hkkafabcdfgggfhqqglmq
$M7_{137}$	3.6405715003	0.2263714780	Z/5+Z	Z/2	0.01	c	136	hkkagabcdegggfhqqhnko
$M7_{138}$	3.6407063148	0.1430380119	Z	Z/2	0.01	c	137	hkkagabcdegggfhqqhwkn
$M7_{139}$	3.6410086058	0.0825158353	Z/41+Z	D2	0.01	c	138	hkjadabcdffggfhhqngaf
$M7_{140}$	3.6410086058	0.1674841647	Z/7+Z	D2	0.01	c	139	hkjadabcdfgggfhhqnmda
$M7_{141}$	3.6410108825	0.2483660053	Z	Z/2	0.01	c	140	hkjagabcdegggbqqaakng
$M7_{142}$	3.6410933293	0.1650275625	Z	Z/2	0.01	c	141	hkjagabcdegggbqqaasnk
$M7_{143}$	3.6416212895	0.0965345940	Z/5+Z	Z/2	0.01	c	142	hkjagabcdegggbahqanko
$M7_{144}$	3.6417215624	0.1798715573	Z	Z/2	0.01	c	143	hkjagabcdegggbahqawkn
$M7_{145}$	3.6427628187	0.1658226138	Z/43+Z	D2	0.01	c	144	hkjadabcdffggbqqakoab
$M7_{146}$	3.6427628187	0.0841773862	Z/5+Z	D2	0.01	c	145	hkjadabcdfgggbqqakiae
$M7_{147}$	3.6433316746	0.1419427115	Z	Z/2	0.01	c	146	hkkagabcdegggfhqqhfon
$M7_{148}$	3.6434225106	0.2252787132	Z	Z/2	0.01	c	147	hkkagabcdegggfhqqhfwo
$M7_{149}$	3.6437994981	0.1520437563	Z	Z/2	0.01	c	148	hkkagabcdegggfhqaakng
$M7_{150}$	3.6438596234	0.2353811670	Z	Z/2	0.01	c	149	hkkagabcdegggfhqaasnk
$M7_{151}$	3.6440987307	0.1820010893	Z/44+Z	D2	0.01	c	150	hkkadabcdffggnaqhkoab
$M7_{152}$	3.6440987307	0.0679989107	Z/8+Z	D2	0.01	c	151	hkkadabcdfgggnaqhkiae
$M7_{153}$	3.6442713217	0.1682334148	Z	Z/2	0.01	c	152	hkjagabcdegggbqqahfob
$M7_{154}$	3.6442728330	0.1484334316	Z	Z/2	0.01	c	153	hkkagabcdegggfhqahgbf
$M7_{155}$	3.6443457265	0.2484302039	Z/5+Z	Z/2	0.01	c	154	hkjagabcdegggbqqahvof
$M7_{156}$	3.6443676247	0.2317661950	Z/5+Z	Z/2	0.01	c	155	hkkagabcdegggfhqahgvb
$M7_{157}$	3.6461669775	0.0665851469	Z/47+Z	D2	0.01	c	156	hkkadabcdffggfhqakoab
$M7_{158}$	3.6461669775	0.1834148531	Z/5+Z	D2	0.01	c	157	hkkadabcdfgggfhqakiae
$M7_{159}$	3.6476498892	0.2326508352	Z	Z/2	0.01	c	158	hkkagabcdegggfhqahfob
$M7_{160}$	3.6477022994	0.1493155072	Z/5+Z	Z/2	0.01	c	159	hkkagabcdegggfhqahvof
$M7_{161}$	3.7371148902	0.0677194990	Z	Z/2	0.20	c	160	hfdafbcdefgggqqqqpqnv
$M7_{162}$	3.8610864465	0.0077470506	Z	Z/2	0.13	c	161	hkfagbcbdegggaabaaksg
$M7_{163}$	3.8610864465	0.1589196160	Z	Z/2	0.13	c	162	hkfagbcbdegggaabaasgk
$M7_{164}$	3.8763770277	0.2256428646	Z/3+Z	Z/2	0.12	c	163	hgjadabcegfggfhhgxigk

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{165}$	3.9040498236	0.0946745093	Z/3+Z	Z/2	0.10	c	164	hkfajbcbdffggaabankxf
$M7_{166}$	3.9050665632	0.0826109404	Z	Z/2	0.10	c	165	hkfadbcbdffgghhghkoan
$M7_{167}$	3.9245972300	0.1534586382	Z	Z/2	0.09	c	166	hkkajabcdffggfaqqknxb
$M7_{168}$	3.9257514382	0.1162351555	Z/3+Z	Z/2	0.09	c	167	hgjadbacefggghkhfexfb
$M7_{169}$	3.9309278083	0.0863870675	Z	Z/2	0.08	c	168	hkfadbcbdffggaabaknab
$M7_{170}$	3.9440349607	0.1791185495	Z	Z/2	0.07	c	169	hlkababdfggfgfhopsonc
$M7_{171}$	3.9490078272	0.1057736225	Z/3+Z	Z/2	0.07	c	170	hofabbcbfggfgaabpqdac
$M7_{172}$	3.9579974995	0.1331758685	Z	Z/2	0.07	c	171	hokacabcegffgfaqvqqbk
$M7_{173}$	3.9658261158	0.1739924492	Z	Z/2	0.06	c	172	hkfagbcbdegggaabahfvb
$M7_{174}$	3.9658261158	0.0073257825	Z/7+Z	Z/2	0.06	c	173	hkfagbcbdegggaabahvbf
$M7_{175}$	3.9767877529	0.1909389398	Z	Z/2	0.05	c	174	hfdadbcdeegggaaaanksg
$M7_{176}$	3.9767877529	0.1423943935	Z	Z/2	0.05	c	175	hfdadbcdeegggaaaansgk
$M7_{177}$	3.9812345316	0.2054975912	Z/3+Z	Z/2	0.05	c	176	hojababcfggfgbqqmxpag
$M7_{178}$	3.9843381122	0.2170896465	Z/3+Z	Z/2	0.05	c	177	hjdafbcdcffggqqqgbgxn
$M7_{179}$	3.9893729744	0.1946548193	Z	Z/2	0.05	c	178	hokacabcegffgfhqsqqgf
$M7_{180}$	3.9901261296	0.1457399810	Z	Z/2	0.04	c	179	hokababcfggfgfaqmiqhj
$M7_{181}$	3.9909552488	0.2226609632	Z	Z/2	0.04	c	180	hjdadbcdcffggqqqgnkaf
$M7_{182}$	3.9939907505	0.1119514921	Z	Z/2	0.04	c	181	hkjafbacdffggafahgbqn
$M7_{183}$	3.9954996237	0.0313280962	Z/7+Z	Z/2	0.04	c	182	hkjagbacdegggafahhnwo
$M7_{184}$	3.9954996237	0.1979947628	Z	Z/2	0.04	c	183	hkjagbacdegggafahhwon
$M7_{185}$	3.9955920951	0.1399293541	Z	Z/2	0.04	c	184	hokababcfggfgfaqmiqhg
$M7_{186}$	3.9961109816	0.1100931903	Z	Z/2	0.04	c	185	hkjadbacdffggafahofhk
$M7_{187}$	3.9982758035	0.0695441667	Z	Z/2	0.04	c	186	hkkagabcdegggfaqqqfvb
$M7_{188}$	3.9982758035	0.2362108333	Z	Z/2	0.04	c	187	hkkagabcdegggfaqqqvbf
$M7_{189}$	4.0006861349	0.2113406069	Z/3+Z	Z/2	0.04	c	188	hojababcgfgfgbqqteeaf
$M7_{190}$	4.0011887516	0.2209070177	Z	Z/2	0.04	c	189	hjdadbcdcffggaaaknkaf
$M7_{191}$	4.0031598601	0.1909493594	Z	Z/2	0.04	c	190	hkfagbcbdegggaabqhnwo
$M7_{192}$	4.0031598601	0.0242826927	Z	Z/2	0.04	c	191	hkfagbcbdegggaabqhwon
$M7_{193}$	4.0046707746	0.1504761695	Z/3+Z	Z/2	0.03	c	192	hkkadabcdffggfaqqnkaf
$M7_{194}$	4.0048920480	0.1853100904	Z	Z/2	0.04	c	193	hkkajabcdffggfhqqgbxf
$M7_{195}$	4.0073296641	0.2372186949	Z	Z/2	0.03	c	194	hkkagabcdegggfhqqqksg
$M7_{196}$	4.0073296641	0.0961146384	Z	Z/2	0.03	c	195	hkkagabcdegggfhqqqsgk
$M7_{197}$	4.0107950551	0.1490087948	Z	Z/2	0.03	c	196	hkkafabcdffggfaqqbgqo
$M7_{198}$	4.0121969560	0.1897492535	Z	Z/2	0.03	c	197	hokababcfggfgfhqpqdab
$M7_{199}$	4.0125436337	0.2173113261	Z	Z/2	0.03	c	198	hkjagabcdegggbahqqfvb
$M7_{200}$	4.0125436337	0.0506446594	Z	Z/2	0.03	c	199	hkjagabcdegggbahqqvbf
$M7_{201}$	4.0139770499	0.1814575320	Z/3+Z	Z/2	0.03	c	200	hkkadabcdffggfhqqofhk
$M7_{202}$	4.0147942241	0.1358911050	Z	Z/2	0.03	c	201	hkjadabcdffggbahqnkaf
$M7_{203}$	4.0154783880	0.1977547177	Z	Z/2	0.03	c	202	hjdagbcdcegggaaakqfvb
$M7_{204}$	4.0154783880	0.1355786156	Z	Z/2	0.03	c	203	hjdagbcdcegggaaakqvbf
$M7_{205}$	4.0183027241	0.1371276760	Z	Z/2	0.03	c	204	hkjadabcdffggfqahofhk

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{206}$	4.0197305008	0.1826619858	Z	Z/2	0.03	c	205	hkkafabcdffggfhqqgbqn
$M7_{207}$	4.0207366873	0.0639269704	Z	Z/2	0.02	c	206	hkkagabcdegggfaqqanwo
$M7_{208}$	4.0207366873	0.2305936371	Z	Z/2	0.02	c	207	hkkagabcdegggfaqqawon
$M7_{209}$	4.0224393703	0.2078829298	Z	Z/2	0.02	c	208	hkjadabcdffggfhhqnkaf
$M7_{210}$	4.0224416963	0.1229985893	Z	Z/2	0.02	c	209	hkjagabcdegggbqqaaksg
$M7_{211}$	4.0224416963	0.2103347441	Z	Z/2	0.02	c	210	hkjagabcdegggbqqaasgk
$M7_{212}$	4.0242599506	0.2089338081	Z	Z/2	0.02	c	211	hkjadabcdffggbqqaknab
$M7_{213}$	4.0251613419	0.2219972758	Z	Z/2	0.02	c	212	hkjagabcdegggbahqanwo
$M7_{214}$	4.0251613419	0.0553306091	Z	Z/2	0.02	c	213	hkjagabcdegggbahqawon
$M7_{215}$	4.0267651192	0.2226512541	Z	Z/2	0.02	c	214	hkkagabcdegggfhqaaksg
$M7_{216}$	4.0267651192	0.1106820793	Z/7+Z	Z/2	0.02	c	215	hkkagabcdegggfhqaasgk
$M7_{217}$	4.0276974362	0.1926653500	Z	Z/2	0.02	c	216	hkkadabcdffggnaqhknab
$M7_{218}$	4.0284570779	0.1007325868	Z/7+Z	Z/2	0.02	c	217	hkkagabcdegggfhqqhnwo
$M7_{219}$	4.0284570779	0.2326007465	Z	Z/2	0.02	c	218	hkkagabcdegggfhqqhwon
$M7_{220}$	4.0289093316	0.2063778782	Z	Z/2	0.02	c	219	hkjagabcdegggbqqahfvb
$M7_{221}$	4.0289093316	0.1269554551	Z	Z/2	0.02	c	220	hkjagabcdegggbqqahvbf
$M7_{222}$	4.0298464067	0.1917730887	Z	Z/2	0.02	c	221	hkkadabcdffggfhqaknab
$M7_{223}$	4.0344032417	0.1073194961	Z	Z/2	0.02	c	222	hkkagabcdegggfhqahfvb
$M7_{224}$	4.0344032417	0.2260138372	Z	Z/2	0.02	c	223	hkkagabcdegggfhqahvbf
$M7_{225}$	4.0352054818	0.0880847816	Z	Z/2	0.24	c	224	hgfadbcbegfggaabbuenc
$M7_{226}$	4.0809194437	0.0026748177	Z/2+Z	Z/2	0.21	c	225	hkfadbcbdffggaabaonan
$M7_{227}$	4.0883485696	0.2338307786	Z	Z/2	0.20	c	226	hfdadbcdeggfgqqqqmdgv
$M7_{228}$	4.1244114286	0.1582812756	Z/2+Z	Z/2	0.18	c	227	hjdakbccdefggqqfaaaaf
$M7_{229}$	4.1773027339	0.0633212543	Z	Z/2	0.15	c	228	hofaibcbeefggaabnkahg
$M7_{230}$	4.1912809039	0.2393253985	Z	Z/2	0.14	c	229	hofaebcbefgggaabnqqgb
$M7_{231}$	4.1914009708	0.1635180964	Z	Z/2	0.14	c	230	hilakaccdefggffraaaaf
$M7_{232}$	4.1995104535	0.2327948385	Z	Z/2	0.14	c	231	hgfajbcbeefggaabbgqhk
$M7_{233}$	4.2036165761	0.0002561191	Z	Z/2	0.14	c	232	hkfadbcbdgfggaabahnqa
$M7_{234}$	4.2080668651	0.0375972488	Z	Z/2	0.22	c	233	hioakaccdefggfknaqqqo
$M7_{235}$	4.2227208128	0.0606584977	Z	Z/2	0.12	c	234	hgjajabceefggbqqjkxaf
$M7_{236}$	4.2230723533	0.1722276840	Z/2+Z	Z/2	0.12	c	235	hkfadbcbdffgghhghonan
$M7_{237}$	4.2259061283	0.1218507457	Z	Z/2	0.21	c	236	hioakaccdefggnknaqqqo
$M7_{238}$	4.2294274227	0.0049122079	Z/7+Z	D2	0.33	c	237	hofaibcbeefggaabgkahg
$M7_{239}$	4.2341673946	0.0688649384	Z	Z/2	0.12	c	238	hgfajbcbeefggaabbkqqn
$M7_{240}$	4.2407336486	0.0077736227	Z	Z/2	0.11	c	239	hkfadbcbdffgghhghwoab
$M7_{241}$	4.2415440608	0.0581164215	Z	Z/2	0.11	c	240	hgfafbcbefgggaabbaank
$M7_{242}$	4.2558895495	0.1100945513	Z	Z/2	0.10	c	241	hgjadabcefgggfhhgltoj
$M7_{243}$	4.2584093580	0.1982401983	Z	Z/2	0.18	c	242	hkfajbcbdffggaabafwab
$M7_{244}$	4.2637066667	0.0480230959	Z	Z/2	0.10	c	243	hgjakbaceefggafawkxab
$M7_{245}$	4.2675204965	0.1966863275	Z	Z/2	0.09	c	244	hjdadbcdcffggaaakgkak
$M7_{246}$	4.2687579239	0.0110722747	Z	Z/2	0.09	c	245	hlkaeabdfefggfanxewmk

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{247}$	4.2720794936	0.0114067428	Z/2+Z	Z/2	0.09	c	246	hkfadbcbdfggghhghwhaq
$M7_{248}$	4.2777702567	0.2424821125	Z	Z/2	0.09	c	247	hgfadbcbegfggaabbdpso
$M7_{249}$	4.2784874852	0.1005669050	Z	Z/2	0.30	c	248	hddajbcedefggqqmpfehg
$M7_{250}$	4.2798575657	0.1693177457	Z	Z/2	0.09	c	249	hkfadbcbdgfggaabaaoqh
$M7_{251}$	4.2845106390	0.1939558241	Z	Z/2	0.08	c	250	hkjadbacdffggafahbfhf
$M7_{252}$	4.2847833754	0.0397338154	Z	Z/2	0.17	c	251	hkfajbcbdffggaabafwak
$M7_{253}$	4.2877286596	0.2302706980	Z	Z/2	0.08	c	252	hofaibcbeefggaabngaab
$M7_{254}$	4.2896392525	0.1446427899	Z	Z/2	0.08	c	253	hjdakbccdefggqqfaaaak
$M7_{255}$	4.2911502105	0.1564516491	Z	Z/2	0.08	c	254	hlkaeabdfefggfhoxlwpf
$M7_{256}$	4.2928436884	0.1219453069	Z	Z/2	0.08	c	255	hgjajabceefgggqqgbqaf
$M7_{257}$	4.2942607312	0.1928519608	Z	Z/2	0.08	c	256	hgkajabceefggfaqgbqaf
$M7_{258}$	4.2972957344	0.0219288816	Z	Z/2	0.07	c	257	hokaiabceefggfaqofhab
$M7_{259}$	4.2975680347	0.0276818789	Z	Z/2	0.08	c	258	hkjafbacdffggafahfbqb
$M7_{260}$	4.2989759773	0.2315012686	Z/2+Z	Z/2	0.07	c	259	hkkafabcdffggfaqqkgqg
$M7_{261}$	4.2993728852	0.1826679975	Z	Z/2	0.07	c	260	hokacabcefgggfaqopugr
$M7_{262}$	4.3011248172	0.2202362444	Z	Z/2	0.07	c	261	hgjadbacegfgghkhftdkc
$M7_{263}$	4.3017394478	0.0490486018	Z	Z/2	0.07	c	262	hgjajabceefggfhhgbqaf
$M7_{264}$	4.3025599129	0.2026027692	Z	Z/2	0.07	c	263	hgkakabceefggfaqgvxqk
$M7_{265}$	4.3035636301	0.0524740455	Z	Z/2	0.07	c	264	hgjafabcefgggbqqbaank
$M7_{266}$	4.3094356831	0.0185821469	Z	Z/2	0.07	c	265	hgkafabcefgggfaqghhfo
$M7_{267}$	4.3144591753	0.1420599012	Z	Z/2	0.26	c	266	hfdadbcdeggfgqqqqpigf
$M7_{268}$	4.3146504938	0.0343508832	Z	Z/2	0.06	c	267	hkjadbacdfgggafahvqah
$M7_{269}$	4.3150765510	0.1421814357	Z/2+Z	Z/2	0.06	c	268	hilakaccdefggffraaaak
$M7_{270}$	4.3156334827	0.0152292884	Z	Z/2	0.06	c	269	hokacabcefgggfhqnmtbr
$M7_{271}$	4.3159746045	0.1960104243	Z	Z/2	0.06	c	270	hokaeabcefgggfaqoqqbg
$M7_{272}$	4.3181102919	0.1006773058	Z	Z/2	0.06	c	271	hkkafabcdffggfhqqfbqb
$M7_{273}$	4.3197602217	0.0319291357	Z/2+Z	Z/2	0.06	c	272	hkjadbacdffggafahvbhk
$M7_{274}$	4.3202950376	0.0575897321	Z	Z/2	0.06	c	273	hofacbcbefgggaabndpfs
$M7_{275}$	4.3202975359	0.0722121300	Z/2+Z	Z/2	0.06	c	274	hkkafabcdfgggfaqqsaqh
$M7_{276}$	4.3206383786	0.0468270511	Z	Z/2	0.15	c	275	hkfadbcbdffgghhghknxk
$M7_{277}$	4.3218859769	0.0235168532	Z	Z/2	0.06	c	276	hgkajabceefggfhqbgqhk
$M7_{278}$	4.3226926109	0.0547325965	Z	Z/2	0.06	c	277	hkjadabcdffggfqahbfhf
$M7_{279}$	4.3228547622	0.1248229569	Z	Z/2	0.06	c	278	hgjafabcefgggfhhghhfo
$M7_{280}$	4.3237235702	0.1960229095	Z/2+Z	Z/2	0.06	c	279	hjdadbcdcgfggaaakqkha
$M7_{281}$	4.3239440545	0.1899244312	Z	Z/2	0.06	c	280	hkjafbacdffggafahvfqn
$M7_{282}$	4.3242783523	0.1382167077	Z	Z/2	0.06	c	281	hjdadbcdcffggqqqgngak
$M7_{283}$	4.3260059339	0.1478512827	Z	Z/2	0.06	c	282	hokaiabceefggfhqnkahg
$M7_{284}$	4.3267274904	0.1876882204	Z	Z/2	0.06	c	283	hkjafbacdfgggafahvhaq
$M7_{285}$	4.3270295411	0.1304822502	Z	Z/2	0.06	c	284	hgjajabceefggbqqbjxqo
$M7_{286}$	4.3273971486	0.1192891932	Z	Z/2	0.06	c	285	hgjajabceefggfhhgfqqo
$M7_{287}$	4.3284142618	0.0305050897	Z	Z/2	0.06	c	286	hgkadabcefgggfaqgltoj

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{288}$	4.3299045276	0.2286940930	Z/2+Z	Z/2	0.26	c	287	hfdajbcdeefggqqqqkhhk
$M7_{289}$	4.3324687271	0.1504621646	Z	Z/2	0.05	c	288	hgkafabcefgggfhqbaank
$M7_{290}$	4.3342537731	0.1905752196	Z	Z/2	0.05	c	289	hokaiabceefggfaqobhhg
$M7_{291}$	4.3344049123	0.0668119814	Z/6+Z	Z/2	0.05	c	290	hkkadabcdffggfaqqgkak
$M7_{292}$	4.3345698008	0.1995360040	Z	Z/2	0.05	c	291	hjdadbcdcffggqqqggjaf
$M7_{293}$	4.3345986062	0.2398883408	Z	Z/2	0.05	c	292	hkkafabcdfgggfhqqvhaq
$M7_{294}$	4.3347689840	0.1934483587	Z/2+Z	Z/2	0.05	c	293	hkjadbacdgfggafahqfah
$M7_{295}$	4.3347832760	0.0701691930	Z	Z/2	0.05	c	294	hkkafabcdffggfaqqskqo
$M7_{296}$	4.3368410929	0.0306454992	Z	Z/2	0.05	c	295	hgkakabceefggfhqbsxqf
$M7_{297}$	4.3397017458	0.2042879711	Z	Z/2	0.14	c	296	hkfadbcbdffgghhghknxf
$M7_{298}$	4.3398601906	0.1947915970	Z	Z/2	0.25	c	297	hfdakbcddefggqqqmbaab
$M7_{299}$	4.3404969713	0.1267089923	Z/2+Z	Z/2	0.05	c	298	hkjadabcdffggbqqaonan
$M7_{300}$	4.3408400468	0.0238033430	Z	Z/2	0.05	c	299	hgkajabceefggfaqgfqqo
$M7_{301}$	4.3408552943	0.0285763058	Z	Z/2	0.05	c	300	hkjadbacdgfggafahhbaq
$M7_{302}$	4.3412635322	0.0258714030	Z	Z/2	0.05	c	301	hokaeabcefgggfhqnqqgb
$M7_{303}$	4.3416040020	0.2144191443	Z/3+Z	Z/2	0.05	c	302	hkjadabcdfgggfqahvqah
$M7_{304}$	4.3434198998	0.2189354727	Z	Z/2	0.05	c	303	hkjadabcdffggbahqgkak
$M7_{305}$	4.3440986067	0.2316647093	Z	Z/2	0.05	c	304	hkkadabcdgfggfaqqaghq
$M7_{306}$	4.3448280149	0.1168359137	Z	Z/2	0.14	c	305	hkfadbcbdffgghhghkohg
$M7_{307}$	4.3461750202	0.0542314303	Z	Z/2	0.13	c	306	hioakaccdefggnknaaaaf
$M7_{308}$	4.3466401798	0.2287618679	Z/3+Z	Z/2	0.04	c	307	hkkadabcdffggfaqqsgaf
$M7_{309}$	4.3470405087	0.0475736335	Z	Z/2	0.04	c	308	hgjajabceefgggqqgfqqo
$M7_{310}$	4.3475413008	0.2012676030	Z	Z/2	0.04	c	309	hjdadbcdcgfggqqqgqjha
$M7_{311}$	4.3482828053	0.0419082499	Z	Z/2	0.04	c	310	hgjadabcegfggbqqbpdnv
$M7_{312}$	4.3483848223	0.2382007280	Z	Z/2	0.04	c	311	hkkafabcdffggfhqqvfqn
$M7_{313}$	4.3490825149	0.0538150718	Z	Z/2	0.04	c	312	hgjadabcefgggfhhgminv
$M7_{314}$	4.3495712098	0.2161027890	Z/2+Z	Z/2	0.04	c	313	hkjadabcdffggfqahvbhk
$M7_{315}$	4.3500898416	0.2263715583	Z	Z/2	0.04	c	314	hkkadabcdffggfhqaonan
$M7_{316}$	4.3506639299	0.2354700582	Z/3+Z	Z/2	0.04	c	315	hkkadabcdffggfhqqbfhf
$M7_{317}$	4.3513467284	0.2095635793	Z/2+Z	Z/2	0.04	c	316	hkjadabcdffggfhhqgkak
$M7_{318}$	4.3513802672	0.0216616683	Z	Z/2	0.04	c	317	hokaiabceefggfhqngaab
$M7_{319}$	4.3526353284	0.0622945562	Z	Z/2	0.25	c	318	hdjakbaddefggafnkahhk
$M7_{320}$	4.3527711950	0.1394554361	Z	Z/2	0.04	c	319	hjdadbcdcgfggaaakaghq
$M7_{321}$	4.3534505029	0.0402727496	Z	Z/2	0.13	c	320	hkfadbcbdffgghhghkohf
$M7_{322}$	4.3546701027	0.0176047291	Z	Z/2	0.04	c	321	hokacabcefgggfaqoimkv
$M7_{323}$	4.3550102558	0.2272095381	Z/2+Z	Z/2	0.04	c	322	hkkadabcdfgggfaqqsqha
$M7_{324}$	4.3551920365	0.1417183089	Z	Z/2	0.04	c	323	hgkadabcegfggfhqbuenc
$M7_{325}$	4.3556267257	0.1004452494	Z	Z/2	0.04	c	324	hkkadabcdgfggfhqqhbaq
$M7_{326}$	4.3564312887	0.0572341368	Z	Z/2	0.04	c	325	hkjadabcdffggbahqsgaf
$M7_{327}$	4.3567899303	0.2133483703	Z/2+Z	Z/2	0.04	c	326	hkjadabcdfgggbqqawhaq
$M7_{328}$	4.3586576392	0.0548285109	Z/6+Z	Z/2	0.04	c	327	hkjadabcdgfggbahqaghq

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{329}$	4.3594466035	0.1028417306	Z/6+Z	Z/2	0.04	c	328	hkkadabcdffggfhqqvbhk
$M7_{330}$	4.3597825329	0.1966661405	Z	Z/2	0.04	c	329	hgkadabcefgggfaqgminv
$M7_{331}$	4.3600304512	0.2130871254	Z	Z/2	0.13	c	330	hioakaccdefggfknaaaaf
$M7_{332}$	4.3601868711	0.1465383794	Z	Z/2	0.04	c	331	hgkajabceefggfhqbkqqn
$M7_{333}$	4.3608433314	0.2119567052	Z	Z/2	0.03	c	332	hkjadabcdffggbqqawoab
$M7_{334}$	4.3614392407	0.0677572798	Z	Z/2	0.03	c	333	hkkadabcdgfggfaqqqkha
$M7_{335}$	4.3614862058	0.0586173956	Z/3+Z	Z/2	0.03	c	334	hkjadabcdfgggbahqsqha
$M7_{336}$	4.3627296975	0.1104245998	Z	Z/2	0.03	c	335	hkkadabcdffggnaqhonan
$M7_{337}$	4.3636415315	0.1136610457	Z/3+Z	Z/2	0.03	c	336	hkkadabcdfgggfhqawhaq
$M7_{338}$	4.3642970672	0.1253885200	Z	Z/2	0.12	c	337	hkfadbcbdffggaabaknxk
$M7_{339}$	4.3644229602	0.1289388689	Z	Z/2	0.03	c	338	hkjadabcdffggfhhqsgaf
$M7_{340}$	4.3644293300	0.1252049090	Z	Z/2	0.03	c	339	hgjadabcegfggbqqbeuoj
$M7_{341}$	4.3670981120	0.1301687140	Z/2+Z	Z/2	0.03	c	340	hkjadabcdfgggfhhqsqha
$M7_{342}$	4.3671230900	0.1040805502	Z	Z/2	0.03	c	341	hkkadabcdfgggfhqqvqah
$M7_{343}$	4.3673814172	0.1513034765	Z	Z/2	0.03	c	342	hokacabcefgggfhqndpfs
$M7_{344}$	4.3684201490	0.1124581884	Z	Z/2	0.03	c	343	hkkadabcdffggfhqawoab
$M7_{345}$	4.3685549865	0.2182196271	Z/3+Z	Z/2	0.03	c	344	hkjadabcdgfggbahqqkha
$M7_{346}$	4.3693183888	0.1269317218	Z	Z/2	0.03	c	345	hkjadabcdgfggbqqahnqa
$M7_{347}$	4.3717966963	0.2362676572	Z/2+Z	Z/2	0.03	c	346	hkkadabcdgfggfhqqqfah
$M7_{348}$	4.3726299530	0.2282152968	Z/2+Z	Z/2	0.03	c	347	hkkadabcdffggnaqhwoab
$M7_{349}$	4.3742163385	0.0262836416	Z	Z/2	0.03	c	348	hgkadabcegfggfhqbdpso
$M7_{350}$	4.3744346393	0.2101019681	Z	Z/2	0.03	c	349	hkjadabcdgfggbqqaaoqh
$M7_{351}$	4.3750837332	0.1817564028	Z	Z/2	0.24	c	350	hfjakbaddefggafbgqhhg
$M7_{352}$	4.3753312929	0.2264924581	Z/3+Z	Z/2	0.03	c	351	hkkadabcdgfggfhqahnqa
$M7_{353}$	4.3757928711	0.2292294957	Z/3+Z	Z/2	0.03	c	352	hkkadabcdfgggnaqhwhaq
$M7_{354}$	4.3766257029	0.0034176017	Z/3+Z	Z/2	0.23	c	353	hkfajbcbdffggaabanwxf
$M7_{355}$	4.3810754110	0.0330833842	Z	Z/2	0.11	c	354	hkfadbcbdffggaabaknxf
$M7_{356}$	4.3811105674	0.0162952569	Z	Z/2	0.21	c	355	hfdadbcdeggfgqqqqmdbk
$M7_{357}$	4.3813433453	0.1109157807	Z/6+Z	Z/2	0.02	c	356	hkkadabcdgfggfhqaaoqh
$M7_{358}$	4.3828867146	0.2308578645	Z/2+Z	Z/2	0.22	c	357	hgfakbcbeefggaabbsqhk
$M7_{359}$	4.3883164923	0.0555948607	Z	Z/2	0.21	c	358	hioakaccdefggnkoaaaaf
$M7_{360}$	4.3948486691	0.1932617514	Z	Z/2	0.23	c	359	hdkafabdefgggfanqqqah
$M7_{361}$	4.3997375279	0.0759798621	Z	Z/2	0.22	c	360	hfdadbcdegfggqqqqpmwk
$M7_{362}$	4.4017306809	0.1562521067	Z	Z/2	0.10	c	361	hioakaccdefggfknaqqqg
$M7_{363}$	4.4076863749	0.1713412383	Z	Z/2	0.22	c	362	hgfakbcbeefggaabbsqqb
$M7_{364}$	4.4077066315	0.0697382690	Z	Z/2	0.21	c	363	hfdadbcdeggfgqqqqmdfv
$M7_{365}$	4.4083356622	0.1849464898	Z	Z/2	0.09	c	364	hioakaccdefggnknaqqqg
$M7_{366}$	4.4155182950	0.0287848654	Z/7+Z	Z/2	0.09	c	365	hkfajbcbdffggaabawkhg
$M7_{367}$	4.4177991598	0.0208042966	Z	Z/2	0.27	c	366	hfdadbcdeggfgqqqqpiff
$M7_{368}$	4.4190670771	0.0757291875	Z	Z/2	0.09	c	367	hkjajbacdffggafahgbqb
$M7_{369}$	4.4198001542	0.2345457236	Z	Z/2	0.09	c	368	hkjajbacdffggafahgbqk

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{370}$	4.4246960030	0.2095812277	Z	Z/2	0.08	c	369	hkfadbcbdffggaabakohf
$M7_{371}$	4.4256189756	0.1288611386	Z	Z/2	0.08	c	370	hkfajbcbdffggaabawkhf
$M7_{372}$	4.4261623355	0.1151322640	Z	Z/2	0.21	c	371	hgjakbaceefggafankxhf
$M7_{373}$	4.4279301122	0.1044159707	Z	Z/2	0.08	c	372	hjdafbcdcffggqqqgjkqo
$M7_{374}$	4.4288096122	0.0561345785	Z	Z/2	0.19	c	373	hgjakbaceefggafankxab
$M7_{375}$	4.4304766177	0.1457797904	Z/2+Z	Z/2	0.08	c	374	hkjajbacdffggafahfohf
$M7_{376}$	4.4310083253	0.0520415543	Z	Z/2	0.08	c	375	hkfadbcbdffggaabakohg
$M7_{377}$	4.4331775325	0.1580798266	Z	Z/2	0.19	c	376	hkoaiacdeefggnkawkbhf
$M7_{378}$	4.4340023646	0.0129507409	Z	Z/2	0.08	c	377	hkjajbacdffggafahfohn
$M7_{379}$	4.4344712205	0.2280058853	Z	Z/2	0.08	c	378	hkkajabcdffggfaqqknaf
$M7_{380}$	4.4377051711	0.1132828471	Z	Z/2	0.08	c	379	hkkajabcdffggfaqqknan
$M7_{381}$	4.4399213799	0.2373749635	Z	Z/2	0.07	c	380	hjdafbcdcffggqqqgjkqg
$M7_{382}$	4.4403809798	0.2185332339	Z	Z/2	0.20	c	381	hfjakbaddefggafbkxqqn
$M7_{383}$	4.4486640205	0.0723051604	Z	Z/2	0.20	c	382	hfjakbaddefggafbkqqqo
$M7_{384}$	4.4499367895	0.2056786263	Z	Z/2	0.19	c	383	hofaibcbeefggaabsgaab
$M7_{385}$	4.4501737702	0.0291180269	Z	Z/2	0.19	c	384	hfhaibcdeefgguknipgab
$M7_{386}$	4.4502325058	0.2405733098	Z	Z/2	0.07	c	385	hjdadbcdcffggqqqgnkxk
$M7_{387}$	4.4526930566	0.1493127255	Z	Z/2	0.07	c	386	hkjafbacdffggafahgbxg
$M7_{388}$	4.4544289865	0.0602009420	Z	Z/2	0.06	c	387	hkkajabcdffggfhqqfohn
$M7_{389}$	4.4551059298	0.0059028306	Z/7+Z	Z/2	0.06	c	388	hkjajbacdffggafahgvhn
$M7_{390}$	4.4564003126	0.0724611936	Z/2+Z	Z/2	0.06	c	389	hkjadbacdffggafahofxo
$M7_{391}$	4.4567370258	0.2439215691	Z/4+Z	Z/2	0.06	c	390	hjdafbcdcffggqqqgbgqg
$M7_{392}$	4.4577279278	0.2188090767	Z/2+Z	Z/2	0.06	c	391	hkkajabcdffggfhqqfohf
$M7_{393}$	4.4589150370	0.1015649995	Z	Z/2	0.06	c	392	hjdadbcdcffggqqqgnkxb
$M7_{394}$	4.4593018739	0.0142116072	Z	Z/2	0.06	c	393	hkjajabcdffggbahqknaf
$M7_{395}$	4.4597428555	0.0319376023	Z	Z/2	0.06	c	394	hkkajabcdffggfaqqsnqf
$M7_{396}$	4.4604935382	0.1728273310	Z	Z/2	0.06	c	395	hkjajabcdffggbahqknan
$M7_{397}$	4.4609204151	0.0508828606	Z/2+Z	Z/2	0.17	c	396	hgfajbcbeefggaabbkxaf
$M7_{398}$	4.4623515691	0.0087261979	Z	Z/2	0.06	c	397	hkjafbacdffggafahgbxo
$M7_{399}$	4.4628400130	0.0975679861	Z	Z/2	0.06	c	398	hioakaccdefggfknaaaak
$M7_{400}$	4.4643969406	0.1520987494	Z	Z/2	0.06	c	399	hkjajbacdffggafahgvhf
$M7_{401}$	4.4652083993	0.0411902966	Z	Z/2	0.16	c	400	hgfajbcbeefggaabbgqqn
$M7_{402}$	4.4656779766	0.1797229578	Z/9+Z	Z/2	0.18	c	401	hilakaccdefggfrnxhhhg
$M7_{403}$	4.4656970378	0.1867600930	Z	Z/2	0.06	c	402	hjdadbcdcffggqqqggkqo
$M7_{404}$	4.4658598303	0.2305859042	Z	Z/2	0.06	c	403	hkjadbacdffggafahofxg
$M7_{405}$	4.4670569480	0.0891944020	Z	Z/2	0.17	c	404	hcoajacdeefggnkaikuhk
$M7_{406}$	4.4672047043	0.1828538893	Z/4+Z	Z/2	0.06	c	405	hjdadbcdcffggaaaknkxn
$M7_{407}$	4.4678685004	0.2279698710	Z	Z/2	0.06	c	406	hkjajbacdffggafahvoqk
$M7_{408}$	4.4682643450	0.1846967994	Z	Z/2	0.06	c	407	hkkajabcdffggfaqqbgqg
$M7_{409}$	4.4682673723	0.1555472939	Z	Z/2	0.06	c	408	hjdadbcdcffggqqqggkqg
$M7_{410}$	4.4688738550	0.1900575331	Z	Z/2	0.06	c	409	hkkajabcdffggfaqqsnqg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{411}$	4.4702204756	0.1875265959	Z	Z/2	0.05	c	410	hkkadabcdffggfaqqnkxn
$M7_{412}$	4.4728182089	0.0261949542	Z	Z/2	0.05	c	411	hkkajabcdffggfaqqbgqf
$M7_{413}$	4.4740521843	0.1995815280	Z	Z/2	0.05	c	412	hkkajabcdffggfhqqvoqk
$M7_{414}$	4.4745634261	0.2345070977	Z	Z/2	0.16	c	413	hioakaccdefggnkoaqqqo
$M7_{415}$	4.4752814424	0.1588848983	Z	Z/2	0.05	c	414	hjdadbcdcffggaaaknkxb
$M7_{416}$	4.4755290198	0.0700200451	Z/8+Z	Z/2	0.05	c	415	hkjajbacdffggafahvoqb
$M7_{417}$	4.4761232547	0.0535633343	Z	Z/2	0.18	c	416	hfdajbcdeefggqqqqfhqk
$M7_{418}$	4.4776599142	0.2481822863	Z	Z/2	0.26	c	417	hdjakbaddefggafsgaaaf
$M7_{419}$	4.4776904048	0.0295657465	Z	Z/2	0.05	c	418	hkkadabcdffggfaqqnkxb
$M7_{420}$	4.4779826799	0.0861769007	Z	Z/2	0.05	c	419	hkjajabcdffggbqqafohg
$M7_{421}$	4.4779990895	0.2447079705	Z	Z/2	0.05	c	420	hkjajabcdffggbqqafohf
$M7_{422}$	4.4785052583	0.1010424173	Z/2+Z	Z/2	0.05	c	421	hkjajabcdffggbahqbgqg
$M7_{423}$	4.4786767849	0.2338684431	Z	Z/2	0.05	c	422	hkjafbacdffggafahgfhf
$M7_{424}$	4.4787213817	0.0097926139	Z	Z/2	0.17	c	423	hffakbcddefggaaaukqqk
$M7_{425}$	4.4789504449	0.0761320549	Z	Z/2	0.05	c	424	hkjafbacdffggafahgfhn
$M7_{426}$	4.4805940328	0.1111806958	Z	Z/2	0.05	c	425	hkkafabcdffggfaqqbgxb
$M7_{427}$	4.4816842434	0.2452663954	Z	Z/2	0.05	c	426	hkjajabcdffggbahqsnqf
$M7_{428}$	4.4818050841	0.2404748952	Z	Z/2	0.05	c	427	hkjajabcdffggbahqbgqf
$M7_{429}$	4.4818278969	0.1422777014	Z/4+Z	Z/2	0.05	c	428	hkkajabcdffggfhqqvoqb
$M7_{430}$	4.4843407384	0.0118261684	Z	Z/2	0.05	c	429	hkjadbacdffggafahobqb
$M7_{431}$	4.4847065808	0.0395729451	Z	Z/2	0.17	c	430	hjkakabddefggfasnxaab
$M7_{432}$	4.4849525816	0.1444001475	Z/2+Z	Z/2	0.04	c	431	hkkadabcdffggfhqqofxo
$M7_{433}$	4.4854690921	0.0986664464	Z	Z/2	0.04	c	432	hkjadabcdffggbahqnkxn
$M7_{434}$	4.4856152415	0.1459487703	Z/8+Z	Z/2	0.05	c	433	hkjadbacdffggafahobqk
$M7_{435}$	4.4857029137	0.1467008851	Z	Z/2	0.04	c	434	hkkajabcdffggfhqqgbqb
$M7_{436}$	4.4860383036	0.1557484671	Z	Z/2	0.15	c	435	hgfajbcbeefggaabbkqhk
$M7_{437}$	4.4865804542	0.1143352590	Z	Z/2	0.04	c	436	hkkadabcdffggfaqqngqf
$M7_{438}$	4.4871979915	0.1789325360	Z	Z/2	0.17	c	437	hofaibcbeefggaabgkaho
$M7_{439}$	4.4874683540	0.1725449718	Z	Z/2	0.04	c	438	hkjajabcdffggbqqankak
$M7_{440}$	4.4876409280	0.2306152046	Z	Z/2	0.04	c	439	hkkafabcdffggfaqqbgxn
$M7_{441}$	4.4877369457	0.2278783676	Z	Z/2	0.04	c	440	hkkadabcdffggfaqqngqg
$M7_{442}$	4.4879084816	0.1858567989	Z	Z/2	0.04	c	441	hkkajabcdffggfhqafohg
$M7_{443}$	4.4884090742	0.1556635806	Z/2+Z	Z/2	0.04	c	442	hkkajabcdffggfhqafohf
$M7_{444}$	4.4886790256	0.0966522700	Z	Z/2	0.04	c	443	hkjajabcdffggbahqsnqg
$M7_{445}$	4.4891466214	0.1634725902	Z	Z/2	0.15	c	444	hofaibcbeefggaabnkaab
$M7_{446}$	4.4891514787	0.0002442644	Z/7+Z	Z/2	0.17	c	445	hgfajbcbeefggaabskqqn
$M7_{447}$	4.4893687549	0.1609284883	Z	Z/2	0.04	c	446	hjdafbcdcffggqqqgbjaf
$M7_{448}$	4.4896187488	0.1948780307	Z	Z/2	0.04	c	447	hkkajabcdffggfhqqgbqk
$M7_{449}$	4.4897813632	0.1689968809	Z	Z/2	0.04	c	448	hkjajabcdffggbqqankab
$M7_{450}$	4.4909938645	0.1976237673	Z	Z/2	0.04	c	449	hkkadabcdffggfhqqofxg
$M7_{451}$	4.4914842138	0.1748006189	Z/2+Z	Z/2	0.04	c	450	hkjadabcdffggfqahofxo

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{452}$	4.4918387557	0.2433085603	Z	Z/2	0.04	c	451	hkjadabcdffggbahqnkxb
$M7_{453}$	4.4931618657	0.2293307541	Z	Z/2	0.15	c	452	hkfadbcbdffgghhghwohg
$M7_{454}$	4.4935152008	0.1111371497	Z/2+Z	Z/2	0.16	c	453	hdkakabddefggfhofhaaf
$M7_{455}$	4.4942070263	0.1811538035	Z/2+Z	Z/2	0.04	c	454	hjdafbcdcffggqqqgbjan
$M7_{456}$	4.4945764375	0.2204489053	Z	Z/2	0.04	c	455	hkkafabcdffggfhqqgbxg
$M7_{457}$	4.4952503335	0.1089902280	Z	Z/2	0.22	c	456	hioakaccdefggfkoaaaaf
$M7_{458}$	4.4954198050	0.0990702395	Z	Z/2	0.04	c	457	hjdadbcdcffggaaakngqg
$M7_{459}$	4.4964866491	0.2324408783	Z	Z/2	0.04	c	458	hkkajabcdffggfaqqbsaf
$M7_{460}$	4.4972182943	0.1730025937	Z	Z/2	0.04	c	459	hkjajabcdffggbqqafwab
$M7_{461}$	4.4972371831	0.1705508102	Z	Z/2	0.04	c	460	hkjadabcdffggfhhqnkxn
$M7_{462}$	4.4975881951	0.2178270052	Z/4+Z	Z/2	0.04	c	461	hkkadabcdffggfhqqobqk
$M7_{463}$	4.4975945345	0.0166347595	Z	Z/2	0.04	c	462	hkjadabcdffggfqahofxg
$M7_{464}$	4.4978942628	0.2430708554	Z/2+Z	Z/2	0.04	c	463	hjdadbcdcffggaaakngqf
$M7_{465}$	4.4987731621	0.0599806224	Z	Z/2	0.04	c	464	hkkadabcdffggfhqqobqb
$M7_{466}$	4.4994152826	0.2282650085	Z	Z/2	0.04	c	465	hkkajabcdffggfhqankak
$M7_{467}$	4.4999778651	0.0095357047	Z	Z/2	0.16	c	466	hfkakabddefggfhgbqaab
$M7_{468}$	4.5002805446	0.0622458840	Z	Z/2	0.04	c	467	hkkafabcdffggfhqqgbxo
$M7_{469}$	4.5003777772	0.2464994687	Z	Z/2	0.04	c	468	hkjadabcdffggbqqaknxk
$M7_{470}$	4.5008239407	0.0557820443	Z	Z/2	0.14	c	469	hjdakaccdefggkonhqqqn
$M7_{471}$	4.5010944907	0.1095973610	Z	Z/2	0.03	c	470	hkkajabcdffggfaqqbsan
$M7_{472}$	4.5012281086	0.1722372152	Z	Z/2	0.03	c	471	hkjadabcdffggbahqngqf
$M7_{473}$	4.5016327477	0.0143792883	Z	Z/2	0.03	c	472	hkjadabcdffggbahqngqg
$M7_{474}$	4.5016435165	0.0698691252	Z	Z/2	0.03	c	473	hkkajabcdffggfhqankab
$M7_{475}$	4.5018421166	0.1371787202	Z	Z/2	0.16	c	474	hnkaeabdfegfgfhgxxhgk
$M7_{476}$	4.5025956407	0.0658032569	Z	Z/2	0.22	c	475	hkfadbcbdffggaabaonxf
$M7_{477}$	4.5026558606	0.1689303392	Z	Z/2	0.03	c	476	hkjajabcdffggbqqafwak
$M7_{478}$	4.5026662329	0.1713821853	Z	Z/2	0.03	c	477	hkjadabcdffggfhhqnkxb
$M7_{479}$	4.5026923252	0.0182572455	Z	Z/2	0.03	c	478	hkjajabcdffggbahqbsaf
$M7_{480}$	4.5039182094	0.0273517977	Z	Z/2	0.03	c	479	hkkafabcdffggfaqqbkan
$M7_{481}$	4.5039698501	0.0732998145	Z/7+Z	Z/2	0.03	c	480	hkkajabcdffggfhqafwab
$M7_{482}$	4.5044547073	0.2193671952	Z	Z/2	0.14	c	481	hgjajabceefggbqqjkxqo
$M7_{483}$	4.5055646708	0.2299651166	Z/2+Z	Z/2	0.03	c	482	hkkadabcdffggnaqhknxk
$M7_{484}$	4.5056513570	0.1852417654	Z	Z/2	0.03	c	483	hkkafabcdffggfaqqbkaf
$M7_{485}$	4.5056693331	0.0883589037	Z	Z/2	0.03	c	484	hkjadabcdffggbqqaknxf
$M7_{486}$	4.5070224575	0.1762544173	Z/8+Z	Z/2	0.03	c	485	hkjajabcdffggbahqbsan
$M7_{487}$	4.5073145271	0.2480526037	Z	Z/2	0.16	c	486	hjkakabddefggfasnaaaf
$M7_{488}$	4.5080972044	0.0897984287	Z	Z/2	0.03	c	487	hkjajabcdffggbqqawkhg
$M7_{489}$	4.5084918466	0.0637044947	Z/7+Z	Z/2	0.03	c	488	hkkajabcdffggfhqqgvhn
$M7_{490}$	4.5088317068	0.2313877162	Z/4+Z	Z/2	0.03	c	489	hkkajabcdffggfhqafwak
$M7_{491}$	4.5092461174	0.1541978048	Z	Z/2	0.03	c	490	hkkadabcdffggfhqaknxk
$M7_{492}$	4.5096554304	0.1788472175	Z	Z/2	0.21	c	491	hfdadbcdeffggaaaapebb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{493}$	4.5098183934	0.1047275684	Z	Z/2	0.15	c	492	hofaibcbeefggaabnkaho
$M7_{494}$	4.5101559998	0.0719005624	Z	Z/2	0.03	c	493	hkkadabcdffggnaqhknxf
$M7_{495}$	4.5108607135	0.2413595902	Z	Z/2	0.03	c	494	hkjadabcdffggfqahobqb
$M7_{496}$	4.5113581859	0.1950373021	Z/5+Z	Z/2	0.14	c	495	hgkakabceefggfaqgbxqk
$M7_{497}$	4.5114766115	0.0092744328	Z	Z/2	0.24	c	496	hfjakbaddefggafskqqqo
$M7_{498}$	4.5118064735	0.2443967891	Z	Z/2	0.03	c	497	hkjadabcdffggfhhqngqf
$M7_{499}$	4.5118070267	0.0864849353	Z	Z/2	0.03	c	498	hkjadabcdffggfhhqngqg
$M7_{500}$	4.5120602615	0.1007221615	Z/8+Z	Z/2	0.03	c	499	hkjadabcdffggfqahobqk
$M7_{501}$	4.5120638901	0.2216957010	Z	Z/2	0.03	c	500	hkkajabcdffggfhqqgvhf
$M7_{502}$	4.5121328253	0.2478239992	Z	Z/2	0.03	c	501	hkjajabcdffggbqqawkhf
$M7_{503}$	4.5129087897	0.0996755048	Z	Z/2	0.15	c	502	hgfajbcbeefggaabbgqhf
$M7_{504}$	4.5136884631	0.1876511166	Z	Z/2	0.03	c	503	hkkadabcdffggfhqaknxf
$M7_{505}$	4.5138774786	0.1958510761	Z	Z/2	0.03	c	504	hkkafabcdffggfhqqgfhf
$M7_{506}$	4.5153792486	0.1462080528	Z	Z/2	0.03	c	505	hkkafabcdffggfhqqgfhn
$M7_{507}$	4.5165756875	0.1696695910	Z	Z/2	0.03	c	506	hkjadabcdffggbqqakohf
$M7_{508}$	4.5167961441	0.1888395757	Z	Z/2	0.02	c	507	hkkajabcdffggfhqawkhg
$M7_{509}$	4.5169812290	0.0625084763	Z	Z/2	0.51	c	508	hglaccceegffgmfetqbgk
$M7_{510}$	4.5170042011	0.2431259165	Z	Z/2	0.13	c	509	hlkaiabdfefggfhoxikan
$M7_{511}$	4.5173896572	0.1723871181	Z	Z/2	0.02	c	510	hkjadabcdffggbqqakohg
$M7_{512}$	4.5174216663	0.1560195545	Z/4+Z	Z/2	0.02	c	511	hkkadabcdffggnaqhkohg
$M7_{513}$	4.5175870266	0.1860384829	Z	Z/2	0.02	c	512	hkkadabcdffggnaqhkohf
$M7_{514}$	4.5200122255	0.1531216649	Z	Z/2	0.02	c	513	hkkajabcdffggfhqawkhf
$M7_{515}$	4.5201416878	0.0011972334	Z	Z/2	0.15	c	514	hkgakaccdefggfwkhhhhk
$M7_{516}$	4.5207257814	0.1739386214	Z	Z/2	0.13	c	515	hgjakbaceefggafawkxhg
$M7_{517}$	4.5231939353	0.0704787555	Z	Z/2	0.02	c	516	hkkadabcdffggfhqakohf
$M7_{518}$	4.5239841890	0.2284572069	Z	Z/2	0.02	c	517	hkkadabcdffggfhqakohg
$M7_{519}$	4.5286086546	0.0058721160	Z	Z/2	0.14	c	518	hkfadbcbdffgghhghonab
$M7_{520}$	4.5310943864	0.1763098547	Z	Z/2	0.14	c	519	hdjakbaddefggafngaaaf
$M7_{521}$	4.5336797804	0.0902139817	Z	Z/2	0.14	c	520	hddajbcedefggqqmpfeho
$M7_{522}$	4.5349956115	0.2199449730	Z	Z/2	0.14	c	521	hfhabbcdgffgguknqwjbs
$M7_{523}$	4.5360828421	0.0053191924	Z	Z/2	0.26	c	522	hfdajbcdeefggaaaawhqf
$M7_{524}$	4.5363070948	0.1280483587	Z/2+Z	Z/2	0.14	c	523	hjkakabddefggfhvoxhhg
$M7_{525}$	4.5378955625	0.0168055367	Z/2+Z	Z/2	0.14	c	524	hdkafabdefgggfhoqqqha
$M7_{526}$	4.5390640281	0.1784545495	Z	Z/2	0.20	c	525	hjkakabddefggfhfoxqqg
$M7_{527}$	4.5390910623	0.2207706220	Z	Z/2	0.20	c	526	hjkakabddefggfhfoxhhg
$M7_{528}$	4.5397000708	0.0321498865	Z	Z/2	0.14	c	527	hdkakabddefggfangxaab
$M7_{529}$	4.5417984736	0.2258006694	Z	Z/2	0.13	c	528	hgjajabceefggbqqjkxak
$M7_{530}$	4.5439257580	0.0980524915	Z	Z/2	0.13	c	529	hgfajbcbeefggaabbkqqb
$M7_{531}$	4.5444415753	0.2099533415	Z	Z/2	0.12	c	530	hlkaeabdfefggfanxewlk
$M7_{532}$	4.5495495630	0.0468594519	Z	Z/2	0.11	c	531	hofaibcbeefggaabngahg
$M7_{533}$	4.5510196754	0.0078481002	Z	Z/2	0.13	c	532	hjfakbcddefgghhheohhk

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{534}$	4.5512933808	0.1735878857	Z	Z/2	0.12	c	533	hkfadbcbdffgghhghwoan
$M7_{535}$	4.5534681414	0.2340819066	Z	Z/2	0.11	c	534	hgjajabceefggbqqbgxqo
$M7_{536}$	4.5537666249	0.1971548170	Z	Z/2	0.13	c	535	hddajbcedefggqqmpftqo
$M7_{537}$	4.5548831714	0.0336559540	Z	Z/2	0.22	c	536	hfjakbaddefggafbgqqqo
$M7_{538}$	4.5565992765	0.1152253863	Z	Z/2	0.12	c	537	hfdakbcddefggqqqmbaan
$M7_{539}$	4.5570288217	0.2079676875	Z	Z/2	0.12	c	538	hgjadabcefgfgbqqbxabf
$M7_{540}$	4.5581183479	0.0799544444	Z/7+Z	Z/2	0.12	c	539	hjkakabddefggfhvohhhk
$M7_{541}$	4.5597451606	0.1175882757	Z	Z/2	0.12	c	540	hfkafabdefgggfhghhhaq
$M7_{542}$	4.5625574059	0.0308163199	Z	Z/2	0.10	c	541	hgjakbaceefggafawkaqf
$M7_{543}$	4.5641231221	0.1981425486	Z/3+Z	Z/2	0.12	c	542	hgjadbacefggghkhfidvb
$M7_{544}$	4.5666460603	0.0919931732	Z/2+Z	Z/2	0.36	c	543	hofacbcbffgfgaabqhxab
$M7_{545}$	4.5669893900	0.0778673170	Z	Z/2	0.10	c	544	hgjajabceefggbqqjkahg
$M7_{546}$	4.5683840271	0.2127122129	Z	Z/2	0.12	c	545	hjfakbcddefgghhhefhhg
$M7_{547}$	4.5685662308	0.1124131399	Z	Z/2	0.12	c	546	hnjacbadefgggafbqnvsg
$M7_{548}$	4.5699842145	0.2449471347	Z	Z/2	0.10	c	547	hkjajbacdffggafahfvhf
$M7_{549}$	4.5708734733	0.1361114635	Z	Z/2	0.10	c	548	hioakaccdefggnkoaaaak
$M7_{550}$	4.5708772327	0.2481034236	Z	Z/2	0.10	c	549	hgjajbaceefgghkhfnxab
$M7_{551}$	4.5736651094	0.1937906749	Z/3+Z	Z/2	0.11	c	550	hjdafbcdcffggqqqgjgxn
$M7_{552}$	4.5736898262	0.2469159276	Z/2+Z	Z/2	0.18	c	551	hkoaeacdfefggnkakkfhf
$M7_{553}$	4.5745823116	0.0225923948	Z/3+Z	Z/2	0.11	c	552	hkjajbacdffggafahvbxf
$M7_{554}$	4.5745907069	0.1027299147	Z	Z/2	0.11	c	553	hfkakabddefggfhgfxqqo
$M7_{555}$	4.5746450432	0.2230554549	Z	Z/2	0.21	c	554	hdjakbaddefggafnkaaaf
$M7_{556}$	4.5747366154	0.1338229147	Z	Z/2	0.10	c	555	hgkakabceefggfhqbgxqf
$M7_{557}$	4.5747647914	0.1610111404	Z	Z/2	0.11	c	556	hddajbcedefggqqmpfeab
$M7_{558}$	4.5752906494	0.1054679184	Z	Z/2	0.11	c	557	hfkakabddefggfhgfqqqn
$M7_{559}$	4.5757944143	0.1223075402	Z	Z/2	0.10	c	558	hlkaeabdfefggfhoxlwef
$M7_{560}$	4.5763607210	0.1179383048	Z	Z/2	0.11	c	559	hgjakbaceefggafawkxan
$M7_{561}$	4.5769567089	0.1914648884	Z	Z/2	0.11	c	560	hnkababdefgggfhgqsogo
$M7_{562}$	4.5777568230	0.0225699315	Z	Z/2	0.20	c	561	hgfajbcbeefggaabbgxaf
$M7_{563}$	4.5788537038	0.0338542650	Z/2+Z	Z/2	0.09	c	562	hkjajbacdffggafahvbqb
$M7_{564}$	4.5795117183	0.0756016929	Z	Z/2	0.09	c	563	hgkakabceefggfaqgvxhk
$M7_{565}$	4.5806873013	0.1488198579	Z	Z/2	0.11	c	564	hbnakbcdeefggmgsuxbqf
$M7_{566}$	4.5870537409	0.0444176742	Z	Z/2	0.10	c	565	hgkafabcefgggfaqvhhfo
$M7_{567}$	4.5871469978	0.1545149001	Z	Z/2	0.10	c	566	hlkaeabdfefggfanxewmb
$M7_{568}$	4.5884823043	0.0799760266	Z	Z/2	0.22	c	567	hndaebcdfefggqqqkfopf
$M7_{569}$	4.5895128552	0.0714248037	Z	Z/2	0.17	c	568	hioakaccdefggfkoaqqqo
$M7_{570}$	4.5909271988	0.2262032212	Z	Z/2	0.08	c	569	hgjajabceefggfhhgbqqo
$M7_{571}$	4.5921070952	0.2029983942	Z	Z/2	0.08	c	570	hokaiabceefggfaqofhhg
$M7_{572}$	4.5921256970	0.0627798219	Z/13+Z	D2	0.25	c	571	henafbcdefgfglkkqqqfn
$M7_{573}$	4.5931981421	0.0066034691	Z/2+Z	Z/2	0.08	c	572	hgkakabceefggfaqvohab
$M7_{574}$	4.5954370666	0.0821152120	Z	Z/2	0.08	c	573	hgkajabceefggfaqgbqqo

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{575}$	4.5955354079	0.1359353065	Z	Z/2	0.10	c	574	hjdadbcdcffggaaakgkaf
$M7_{576}$	4.5957483425	0.1094105621	Z	Z/2	0.10	c	575	hgjajabceefgggqqvfqqo
$M7_{577}$	4.5966111446	0.0051527660	Z/2+Z	Z/2	0.10	c	576	hdkakabddefggfhobhhhk
$M7_{578}$	4.5975352381	0.2059726519	Z/2+Z	Z/2	0.16	c	577	hjkakabddefggfhfohaaf
$M7_{579}$	4.5976112142	0.2074713940	Z	Z/2	0.08	c	578	hkkajabcdffggfaqqsgqg
$M7_{580}$	4.5979678366	0.0388183954	Z	Z/2	0.10	c	579	hgkajabceefggfaqvfqqo
$M7_{581}$	4.6001487950	0.2028489265	Z	Z/2	0.10	c	580	hdkakabddefggfhobxhhg
$M7_{582}$	4.6002059152	0.1385361315	Z	Z/2	0.08	c	581	hgjajabceefggfhhgfxhk
$M7_{583}$	4.6006486532	0.1529978310	Z	Z/2	0.08	c	582	hgjajabceefgggqqgbqqo
$M7_{584}$	4.6006650161	0.2352039258	Z	Z/2	0.09	c	583	hkkajabcdffggfaqqsgxk
$M7_{585}$	4.6007716692	0.2359814565	Z	Z/2	0.18	c	584	hdkakabddefggfankxqqn
$M7_{586}$	4.6026290770	0.1034479183	Z	Z/2	0.09	c	585	hofaibcbeefggaabngaan
$M7_{587}$	4.6033296793	0.2461189730	Z	Z/2	0.09	c	586	hokaiabceefggfaqvbhhg
$M7_{588}$	4.6043872348	0.0269380003	Z	Z/2	0.09	c	587	hkjadbacdffggafahbfhk
$M7_{589}$	4.6049725645	0.0066992360	Z/2+Z	Z/2	0.09	c	588	hlkaeabdefgggfhopuhpe
$M7_{590}$	4.6059936667	0.0912831616	Z	Z/2	0.21	c	589	hfdajbcdeefggqqqqkhhf
$M7_{591}$	4.6063627016	0.1131945289	Z	Z/2	0.16	c	590	hgfajbcbeefggaabbkxak
$M7_{592}$	4.6066776228	0.0759041165	Z/2+Z	Z/2	0.08	c	591	hioakaccdefggnkoaqqqg
$M7_{593}$	4.6069189209	0.1844034719	Z/11+Z	Z/2	0.18	c	592	hgjajbaceefgghkhfoxab
$M7_{594}$	4.6069913890	0.1570344102	Z	Z/2	0.08	c	593	hgjajabceefggfhhgfqaf
$M7_{595}$	4.6079032878	0.1472171066	Z	Z/2	0.08	c	594	hgjajabceefggbqqbjxaf
$M7_{596}$	4.6080526219	0.1835907014	Z	Z/2	0.09	c	595	hlkababdegfggfhoqkvco
$M7_{597}$	4.6091116002	0.0012306054	Z	Z/2	0.15	c	596	hjkakabddefggfhfohhhk
$M7_{598}$	4.6097682090	0.0237453105	Z/2+Z	Z/2	0.21	c	597	hfdajbcdeefggaaaawqab
$M7_{599}$	4.6098620517	0.0533386060	Z	Z/2	0.09	c	598	hlkaeabdefgggfandpqum
$M7_{600}$	4.6098622836	0.2103555877	Z	Z/2	0.23	c	599	hfjakbaddefggafbkqhhg
$M7_{601}$	4.6099265243	0.1472826918	Z	Z/2	0.21	c	600	hndaebcdfefggqqqkfoik
$M7_{602}$	4.6112591997	0.1831323545	Z	Z/2	0.09	c	601	hgjajabceefggfhhvfqqo
$M7_{603}$	4.6131186895	0.1778994850	Z	Z/2	0.09	c	602	hlkaeabdfefggfhoxlwpg
$M7_{604}$	4.6139411018	0.1318326996	Z/3+Z	Z/2	0.09	c	603	hilakaccdefggfrnxhhho
$M7_{605}$	4.6145214506	0.0318417515	Z	Z/2	0.07	c	604	hkjafbacdffggafahvfhn
$M7_{606}$	4.6145943631	0.2410800820	Z	Z/2	0.09	c	605	hokaeabcefgggfaqvqqbg
$M7_{607}$	4.6146652208	0.0859981128	Z	Z/2	0.07	c	606	hokaiabceefggfaqobhab
$M7_{608}$	4.6149785141	0.2097407587	Z/2+Z	Z/2	0.07	c	607	hokaiabceefggfaqobxqn
$M7_{609}$	4.6151645084	0.2464968496	Z/2+Z	Z/2	0.07	c	608	hkjadbacdffggafahvbqk
$M7_{610}$	4.6152564207	0.2208183776	Z	Z/2	0.07	c	609	hgkakabceefggfaqgvqaf
$M7_{611}$	4.6162290558	0.1944639502	Z	Z/2	0.09	c	610	hkjafbacdffggafahfbqn
$M7_{612}$	4.6168531476	0.2124218352	Z	Z/2	0.09	c	611	hgkafabcefgggfhqsaank
$M7_{613}$	4.6169499210	0.1746909589	Z	Z/2	0.07	c	612	hgkakabceefggfhqsnahg
$M7_{614}$	4.6169715951	0.1371089564	Z	Z/2	0.08	c	613	hhjabbadegfgghkfhwgoc
$M7_{615}$	4.6182759369	0.1211942363	Z	Z/2	0.18	c	614	hdjakbaddefggafnkahhf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{616}$	4.6189108386	0.1778628293	Z	Z/2	0.09	c	615	hffakbcddefggaaaukqqb
$M7_{617}$	4.6196247525	0.0781968860	Z/5+Z	Z/2	0.07	c	616	hjdadbcdcffggqqqggjqo
$M7_{618}$	4.6196583422	0.0066656484	Z	Z/2	0.07	c	617	hkjajabcdffggbahqsgqg
$M7_{619}$	4.6203088716	0.0394195745	Z/2+Z	Z/2	0.07	c	618	hkkajabcdffggfhqqvbqb
$M7_{620}$	4.6208449987	0.0046397535	Z	Z/2	0.07	c	619	hioakaccdefggnkoaqqaf
$M7_{621}$	4.6221357921	0.0308757256	Z	Z/2	0.15	c	620	hgkakabceefggfaqgbxqb
$M7_{622}$	4.6224477620	0.1315115403	Z	Z/2	0.08	c	621	hgkakabceefggfaqgvxqb
$M7_{623}$	4.6224660184	0.1364036501	Z/10+Z	Z/2	0.07	c	622	hjdakaccdefggkonhqqqb
$M7_{624}$	4.6225500444	0.1276863670	Z	Z/2	0.06	c	623	hokaiabceefggfhqnkaab
$M7_{625}$	4.6227057350	0.2470876837	Z	Z/2	0.07	c	624	hgkakabceefggfhqbsxaf
$M7_{626}$	4.6228985193	0.1994109070	Z/5+Z	Z/2	0.07	c	625	hgkajabceefggfaqgfqaf
$M7_{627}$	4.6233433747	0.1399528615	Z	Z/2	0.08	c	626	hgkajabceefggfaqgbqak
$M7_{628}$	4.6237812503	0.1451980812	Z	Z/2	0.08	c	627	hokaiabceefggfaqofhan
$M7_{629}$	4.6242798425	0.1732574304	Z	Z/2	0.17	c	628	hgfajbcbeefggaabbkaab
$M7_{630}$	4.6245362855	0.0503945372	Z	Z/2	0.08	c	629	hgkadabcegfggfaqglpks
$M7_{631}$	4.6248169414	0.2108249519	Z	Z/2	0.08	c	630	hgjajabceefgggqqgbqak
$M7_{632}$	4.6250112993	0.0087382738	Z/4+Z	Z/2	0.14	c	631	hgfajbcbeefggaabbkqhf
$M7_{633}$	4.6252293391	0.0643895540	Z	Z/2	0.08	c	632	hkkafabcdffggfaqqkgqo
$M7_{634}$	4.6260983597	0.2160807287	Z	Z/2	0.08	c	633	hgjajabceefggfhhgbqak
$M7_{635}$	4.6261616689	0.1354468565	Z	Z/2	0.17	c	634	hfjakbaddefggafbgqhho
$M7_{636}$	4.6261696979	0.1072368858	Z	Z/2	0.14	c	635	hioakaccdefggfkohqqqk
$M7_{637}$	4.6270803642	0.2481219308	Z	Z/2	0.06	c	636	hgkajabceefggfhqbgqqn
$M7_{638}$	4.6273831494	0.0793505926	Z	Z/2	0.14	c	637	hgkakabceefggfhqknxak
$M7_{639}$	4.6277836390	0.0966962015	Z	Z/2	0.08	c	638	hkkajabcdffggfhqqvbxf
$M7_{640}$	4.6278423348	0.0608054287	Z	Z/2	0.08	c	639	hkkajabcdffggfaqqksxb
$M7_{641}$	4.6284480649	0.0046344601	Z/5+Z	Z/2	0.06	c	640	hgkajabceefggfaqgfxhk
$M7_{642}$	4.6299631735	0.2488326253	Z	Z/2	0.08	c	641	hokaeabcfegggfaqhbhfo
$M7_{643}$	4.6301775352	0.0581769513	Z	Z/2	0.17	c	642	hdkakabddefggfankxaab
$M7_{644}$	4.6312672988	0.2293831764	Z	Z/2	0.06	c	643	hgjajabceefgggqqgfqaf
$M7_{645}$	4.6324639078	0.0677908158	Z	Z/2	0.17	c	644	hgfajbcbeefggaabbkahg
$M7_{646}$	4.6326700785	0.2080078100	Z	Z/2	0.07	c	645	hgkajabceefggfhqskqqn
$M7_{647}$	4.6333098312	0.1491848406	Z/2+Z	Z/2	0.06	c	646	hgjajabceefggbqqbjqhk
$M7_{648}$	4.6336152748	0.2189731798	Z/10+Z	Z/2	0.06	c	647	hkjajabcdffggbahqksan
$M7_{649}$	4.6352136696	0.0657759305	Z	Z/2	0.14	c	648	hkfadbcbdffgghhghwohf
$M7_{650}$	4.6360554441	0.1925062662	Z	Z/2	0.22	c	649	hblakcdeedfggenqpbkqn
$M7_{651}$	4.6364330958	0.0480978306	Z/10+Z	D2	0.28	c	650	hfdafbcdefgggaaaaaqkc
$M7_{652}$	4.6364330958	0.2019021694	Z/14+Z	D2	0.28	c	651	hfdafbcdefgggaaaaaqnv
$M7_{653}$	4.6368100498	0.0412187706	Z	Z/2	0.06	c	652	hokaiabceefggfhqngxqo
$M7_{654}$	4.6372836563	0.1175142343	Z	Z/2	0.14	c	653	hgjadabcegffgfhhgxhnf
$M7_{655}$	4.6374209869	0.0650264912	Z	Z/2	0.06	c	654	hkjajabcdffggbqqanwak
$M7_{656}$	4.6374949093	0.0064884827	Z	Z/2	0.06	c	655	hkkadabcdffggfaqqsgqf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{657}$	4.6378228964	0.0183410379	Z	Z/2	0.07	c	656	hnkaeabdefgggfhgmihlu
$M7_{658}$	4.6379776953	0.1874403692	Z	Z/2	0.07	c	657	hgjafabcefgggfhhvhhfo
$M7_{659}$	4.6380345914	0.0787689549	Z/4+Z	Z/2	0.18	c	658	hdkakabddefggfhvbhhhk
$M7_{660}$	4.6383608354	0.2450719874	Z	Z/2	0.06	c	659	hokaiabceefggfhqngahg
$M7_{661}$	4.6387645764	0.0665178786	Z	Z/2	0.17	c	660	hfjakbaddefggafbgqhab
$M7_{662}$	4.6389634513	0.1901079677	Z	Z/2	0.17	c	661	hdjakbaddefggafnkahqn
$M7_{663}$	4.6392410005	0.2080827609	Z	Z/2	0.05	c	662	hkkafabcdffggfaqqskaf
$M7_{664}$	4.6398868498	0.0840570280	Z/7+Z	Z/2	0.07	c	663	hokaiabceefggfhqsgaab
$M7_{665}$	4.6403720386	0.0668002585	Z/2+Z	Z/2	0.05	c	664	hgjajabceefgggqqgfxhk
$M7_{666}$	4.6413599327	0.2246689730	Z	Z/2	0.07	c	665	hgkadabcegfggfaqgpmno
$M7_{667}$	4.6414216118	0.0342249840	Z	Z/2	0.07	c	666	hokaeabcfegggfaqqfqbg
$M7_{668}$	4.6414654318	0.1731695585	Z	Z/2	0.05	c	667	hkkajabcdffggfhqqfvhf
$M7_{669}$	4.6445163552	0.2089869583	Z	Z/2	0.07	c	668	hnkababdefgggfhgqosvb
$M7_{670}$	4.6446937045	0.1953657796	Z	Z/2	0.07	c	669	hjdadbcdcffggqqqgngaf
$M7_{671}$	4.6447182370	0.1219054619	Z/3+Z	Z/2	0.07	c	670	hgjadabcefgggbqqbdino
$M7_{672}$	4.6448480618	0.1475107821	Z	Z/2	0.05	c	671	hkjajabcdffggbqqawohf
$M7_{673}$	4.6461185507	0.1921913691	Z	Z/2	0.07	c	672	hkgakaccdefggfwkhhhhf
$M7_{674}$	4.6462407469	0.1976798117	Z	Z/2	0.07	c	673	hkjadbacdffggafahvbhf
$M7_{675}$	4.6465134063	0.2323166277	Z	Z/2	0.07	c	674	hkkafabcdffggfhqqfbqn
$M7_{676}$	4.6466054115	0.0496048426	Z	Z/2	0.05	c	675	hgkakabceefggfhqbsqhk
$M7_{677}$	4.6475146724	0.1808070953	Z	Z/2	0.18	c	676	hfkakabddefggfhvfqqqn
$M7_{678}$	4.6479818947	0.2412904287	Z	Z/2	0.19	c	677	hfdakbcdeefggqqqqnaqo
$M7_{679}$	4.6486971997	0.2216402769	Z	Z/2	0.06	c	678	hkjadabcdffggfqahbfhk
$M7_{680}$	4.6488643090	0.0240783123	Z	Z/2	0.06	c	679	hkjafbacdffggafahvfqb
$M7_{681}$	4.6489786590	0.2034444638	Z	Z/2	0.06	c	680	hgjajabceefggbqqbjxqg
$M7_{682}$	4.6490421862	0.2141341530	Z	Z/2	0.06	c	681	hgjajabceefggfhhgfqqg
$M7_{683}$	4.6494151048	0.1303339150	Z	Z/2	0.05	c	682	hgkajabceefggfhqbkqhk
$M7_{684}$	4.6499415597	0.1646114028	Z/2+Z	Z/2	0.05	c	683	hkkajabcdffggfhqanwak
$M7_{685}$	4.6504487872	0.2223678465	Z/2+Z	Z/2	0.31	c	684	hblajacdefeggknhhhohg
$M7_{686}$	4.6517006497	0.2204493280	Z	Z/2	0.05	c	685	hkjadabcdffggbahqsgqf
$M7_{687}$	4.6519675147	0.1182046895	Z/2+Z	Z/2	0.06	c	686	hlkaeabdefgggfhoimqtp
$M7_{688}$	4.6525858745	0.2294063416	Z	Z/2	0.06	c	687	hkkajabcdffggfhqqfvxg
$M7_{689}$	4.6525975485	0.1054519268	Z	Z/2	0.06	c	688	hojaeabcefgggbqqnqqgb
$M7_{690}$	4.6527136260	0.0059080285	Z/2+Z	Z/2	0.05	c	689	hkjadabcdffggfqahvbqk
$M7_{691}$	4.6530171626	0.1905315427	Z	Z/2	0.06	c	690	hgkajabceefggfhqbgqhf
$M7_{692}$	4.6532961516	0.1747008646	Z/10+Z	Z/2	0.05	c	691	hkkadabcdffggfhqqvbqk
$M7_{693}$	4.6536166584	0.1852249373	Z	Z/2	0.06	c	692	hokaiabceefggfhqnkaho
$M7_{694}$	4.6538634315	0.2040155382	Z/9+Z	Z/2	0.06	c	693	hgjadabcefgggbqqbiuks
$M7_{695}$	4.6538762894	0.2401638675	Z	Z/2	0.21	c	694	hjkakabddefggfasnxqqk
$M7_{696}$	4.6539234498	0.0877174652	Z	Z/2	0.06	c	695	hokaeabcefgggfhqsqqgb
$M7_{697}$	4.6547978028	0.1660964789	Z	Z/2	0.05	c	696	hgkajabceefggfhqbkxaf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{698}$	4.6548945584	0.0398242884	Z/5+Z	Z/2	0.04	c	697	hkkafabcdffggfhqqvfhn
$M7_{699}$	4.6554350707	0.0800857155	Z	Z/2	0.06	c	698	hokaeabcfegggfhqagakn
$M7_{700}$	4.6561706583	0.1065141317	Z/6+Z	Z/2	0.27	c	699	hofabbcbgfgfgaabuuuaj
$M7_{701}$	4.6563887943	0.1429417167	Z	Z/2	0.06	c	700	hokaiabceefggfaqobhho
$M7_{702}$	4.6565962436	0.2333027581	Z/3+Z	Z/2	0.06	c	701	hkkadabcdffggfaqqgkaf
$M7_{703}$	4.6567802990	0.1911422381	Z	Z/2	0.06	c	702	hlkababdefgggfhohgwfv
$M7_{704}$	4.6580622714	0.1344082992	Z	Z/2	0.06	c	703	hjdadbcdcffggqqqggjak
$M7_{705}$	4.6585481003	0.0482351250	Z	Z/2	0.04	c	704	hkkajabcdffggfhqawohf
$M7_{706}$	4.6599354436	0.2215314693	Z	Z/2	0.06	c	705	hgkadabcefgggfhqbmevf
$M7_{707}$	4.6606455081	0.1967012788	Z	Z/2	0.06	c	706	hgkakabceefggfhqbsxqg
$M7_{708}$	4.6614555474	0.0102709155	Z	Z/2	0.12	c	707	hgjakbaceefggafawkxhf
$M7_{709}$	4.6630279832	0.1486860125	Z	Z/2	0.04	c	708	hkjadabcdffggfhhqsgqf
$M7_{710}$	4.6632887982	0.2201783390	Z	Z/2	0.20	c	709	henajbdcefeggegbqqoqf
$M7_{711}$	4.6635557638	0.0658279086	Z	Z/2	0.04	c	710	hkjadabcdffggbqqawohg
$M7_{712}$	4.6637099794	0.1426019222	Z	Z/2	0.05	c	711	hgkajabceefggfaqgfqqg
$M7_{713}$	4.6650426445	0.2359555233	Z	Z/2	0.05	c	712	hkkafabcdffggfaqqskqg
$M7_{714}$	4.6669460655	0.2065315866	Z	Z/2	0.05	c	713	hkjadabcdffggbqqaonab
$M7_{715}$	4.6671414573	0.2172583399	Z	Z/2	0.15	c	714	hgkakabceefggfaqgbqaf
$M7_{716}$	4.6673078206	0.0523983951	Z	Z/2	0.05	c	715	hkjadabcdffggbahqgkaf
$M7_{717}$	4.6687753174	0.1016499972	Z/4+Z	Z/2	0.12	c	716	hgjajabceefggbqqbgxqg
$M7_{718}$	4.6705503398	0.1047262107	Z	Z/2	0.05	c	717	hgkadabcefgggfhqbdtjk
$M7_{719}$	4.6707125319	0.2046602747	Z	Z/2	0.05	c	718	hokaeabcfegggfhqqkqgb
$M7_{720}$	4.6707845115	0.2139167960	Z	Z/2	0.05	c	719	hgjajabceefgggqqgfqqg
$M7_{721}$	4.6711494504	0.0722454408	Z	Z/2	0.19	c	720	hcnakbbddefgghgkohqqf
$M7_{722}$	4.6723410874	0.0627110325	Z/9+Z	Z/2	0.05	c	721	hkkadabcdffggfaqqsgak
$M7_{723}$	4.6724271315	0.0492712239	Z/2+Z	Z/2	0.03	c	722	hkkadabcdffggnaqhwohg
$M7_{724}$	4.6730407665	0.1652144604	Z	Z/2	0.03	c	723	hkkadabcdffggfhqawohg
$M7_{725}$	4.6737191350	0.0259350871	Z	Z/2	0.14	c	724	hgkakabceefggfaqgbqqf
$M7_{726}$	4.6751395111	0.0980895659	Z/9+Z	Z/2	0.05	c	725	hkkadabcdffggfhqqbfhk
$M7_{727}$	4.6761431880	0.1881386762	Z	Z/2	0.05	c	726	hokaiabceefggfhqngaan
$M7_{728}$	4.6767671140	0.1238731263	Z	Z/2	0.05	c	727	hkjadabcdffggfhhqgkaf
$M7_{729}$	4.6768923502	0.0202195533	Z	Z/2	0.17	c	728	hndaebcdfefggqqqkfoib
$M7_{730}$	4.6780861476	0.1068981508	Z	Z/2	0.05	c	729	hkkadabcdffggfhqaonab
$M7_{731}$	4.6794598595	0.0465718869	Z/4+Z	Z/2	0.11	c	730	hlkaeabdfefggfanxewlf
$M7_{732}$	4.6796335867	0.0501967102	Z	Z/2	0.04	c	731	hkjadabcdffggfqahvbhf
$M7_{733}$	4.6797696463	0.0959244006	Z	Z/2	0.04	c	732	hkkafabcdffggfhqqvfqb
$M7_{734}$	4.6816309632	0.1916925341	Z	Z/2	0.16	c	733	hfdajbcdeefggqqqqkhqb
$M7_{735}$	4.6820126458	0.1069403433	Z/6+Z	Z/2	0.24	c	734	hofabbcbfgfggaabtqttj
$M7_{736}$	4.6838623339	0.2232945323	Z	Z/2	0.04	c	735	hkjadabcdffggbahqsgak
$M7_{737}$	4.6841286166	0.0912114743	Z	Z/2	0.11	c	736	hkjajbacdffggafahfvhn
$M7_{738}$	4.6859349361	0.1870889391	Z	Z/2	0.04	c	737	hgkajabceefggfhqbkqqb

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$M7_{739}$	4.6865209045	0.2310388879	Z/3+Z	Z/2	0.04	c	738	hkkadabcdffggfhqqvbhf
$M7_{740}$	4.6865441290	0.1997272309	Z	Z/2	0.10	c	739	hioakaccdefggfkoaaaak
$M7_{741}$	4.6884805813	0.2108006785	Z	Z/2	0.10	c	740	hofaibcbeefggaabngaho
$M7_{742}$	4.6894798379	0.2230725877	Z	Z/2	0.04	c	741	hkkadabcdffggnaqhonab
$M7_{743}$	4.6903042023	0.2020343803	Z	Z/2	0.10	c	742	hgkakabceefggfhqbgxqg
$M7_{744}$	4.6909955851	0.1220470991	Z	Z/2	0.04	c	743	hkjadabcdffggbqqawoan
$M7_{745}$	4.6918252103	0.0220829478	Z	Z/2	0.13	c	744	hdjakbaddefggafnkahqb
$M7_{746}$	4.6918273957	0.2423456770	Z	Z/2	0.10	c	745	hjdadbcdcffggaaakgkxb
$M7_{747}$	4.6918489740	0.0371179263	Z	Z/2	0.18	c	746	hjkakabddefggfhgvqaab
$M7_{748}$	4.6932012738	0.2049840734	Z	Z/2	0.04	c	747	hkjadabcdffggfhhqsgak
$M7_{749}$	4.6938839965	0.2347734437	Z	Z/2	0.13	c	748	hgkakabceefggfhqknahg
$M7_{750}$	4.6939819944	0.1336135032	Z	Z/2	0.10	c	749	hfkakabddefggfhfbqqqn
$M7_{751}$	4.6943025426	0.1298332759	Z	Z/2	0.10	c	750	hioakaccdefggfkoaqhhg
$M7_{752}$	4.6955162858	0.0313883182	Z/13+Z	Z/2	0.18	c	751	hjkakabddefggfasnahhk
$M7_{753}$	4.6971523727	0.0281925673	Z	D2	0.43	c	753	hipaccedfggfggvghtudk
$M7_{754}$	4.6971523727	0.2218074327	Z	D2	0.21	c	752	hchajbddeffggtnnuhjtf
$M7_{755}$	4.6983114307	0.0577882498	Z	Z/2	0.12	c	754	hgjajabceefggbqqjkqqn
$M7_{756}$	4.6986826700	0.0496663688	Z	Z/2	0.13	c	755	hgjakbaceefggafawkhhk
$M7_{757}$	4.6994687664	0.2215048078	Z	Z/2	0.03	c	756	hkkadabcdffggfhqawoan
$M7_{758}$	4.6995299005	0.1096178285	Z	Z/2	0.18	c	757	hfjakbaddefggafbkqqqg
$M7_{759}$	4.7010646585	0.1716388693	Z/8+Z	Z/2	0.15	c	758	hfdajbcdeefggaaaawhqg
$M7_{760}$	4.7015576342	0.2124664385	Z	Z/2	0.12	c	759	hgjajabceefggbqqbgqhk
$M7_{761}$	4.7020496517	0.1056530812	Z	Z/2	0.03	c	760	hkkadabcdffggnaqhwoan
$M7_{762}$	4.7021712774	0.2067053854	Z	Z/2	0.17	c	761	hfkakabddefggfhgbqqqn
$M7_{763}$	4.7037985377	0.0426508783	Z	Z/2	0.18	c	762	hdjakbaddefggafngahhk
$M7_{764}$	4.7046715615	0.0875906880	Z	Z/2	0.09	c	763	hgjajbaceefgghkhfnxan
$M7_{765}$	4.7065152958	0.1782988511	Z	Z/2	0.17	c	764	hgkakabceefggfaqvbqaf
$M7_{766}$	4.7079008636	0.1048871636	Z	Z/2	0.17	c	765	hdkakabddefggfhofhhhk
$M7_{767}$	4.7082958489	0.2142521445	Z	Z/2	0.09	c	766	hlkaeabdfefggfhoxlwek
$M7_{768}$	4.7110668360	0.1919783213	Z	Z/2	0.12	c	767	hgjakbaceefggafawkhqk
$M7_{769}$	4.7113031397	0.0445938080	Z	Z/2	0.12	c	768	hgjajabceefggbqqbgqqn
$M7_{770}$	4.7135368139	0.1335486667	Z/2+Z	Z/2	0.40	c	769	hcoakacdedfggfkhhfhhg
$M7_{771}$	4.7142025051	0.1284995582	Z	Z/2	0.09	c	770	hkkajabcdffggfaqqsgqf
$M7_{772}$	4.7144112160	0.2391916289	Z	Z/2	0.09	c	771	hgkakabceefggfaqgvxhf
$M7_{773}$	4.7148282600	0.1999982853	Z	Z/2	0.11	c	772	hfjakbaddefggafskqqqg
$M7_{774}$	4.7174814608	0.2296288381	Z	Z/2	0.11	c	773	hgjajbaceefgghkhfnaqf
$M7_{775}$	4.7177480509	0.2097302724	Z	Z/2	0.20	c	774	hfhaibcdeefgguknipgan
$M7_{776}$	4.7188963520	0.0386107384	Z/2+Z	Z/2	0.08	c	775	hokaiabceefggfaqofhho
$M7_{777}$	4.7194491926	0.1094227673	Z	Z/2	0.08	c	776	hgjajabceefggfhhgbqqg
$M7_{778}$	4.7201703388	0.1709874715	Z	Z/2	0.08	c	777	hgkakabceefggfaqvohan
$M7_{779}$	4.7205215340	0.2464936986	Z	Z/2	0.08	c	778	hgkajabceefggfaqgbqqg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{780}$	4.7209805173	0.1854183466	Z	Z/2	0.17	c	779	hdkakabddefggfangxqqn
$M7_{781}$	4.7218051262	0.2223503909	Z	Z/2	0.20	c	780	hfhaibcdeefgguknipghg
$M7_{782}$	4.7219044506	0.0922555469	Z/7+Z	Z/2	0.16	c	781	hjkakabddefggfhvoxqqf
$M7_{783}$	4.7220839598	0.1541042734	Z	Z/2	0.20	c	782	hfhaibcdeffgguknt qwmn
$M7_{784}$	4.7240885920	0.0288474722	Z	Z/2	0.11	c	783	hgjajbaceefgghkhfnaaf
$M7_{785}$	4.7241930705	0.1826531839	Z/4+Z	Z/2	0.08	c	784	hgjajabceefgggqqgbqqg
$M7_{786}$	4.7254015851	0.1428293812	Z/4+Z	D2	0.40	c	785	hflacacefegfgknagkegb
$M7_{787}$	4.7268019329	0.2394437812	Z	Z/2	0.08	c	786	hioakaccdefggfkoaqqqg
$M7_{788}$	4.7293019432	0.2227234608	Z	Z/2	0.10	c	787	hokaiabceefggfaqofxqn
$M7_{789}$	4.7294550308	0.2068015637	Z	Z/2	0.10	c	788	hgjajabceefggfhhgbxhk
$M7_{790}$	4.7301433962	0.0251648181	Z/11+Z	Z/2	0.19	c	789	hjkakabddefggfhgvhhhk
$M7_{791}$	4.7305723910	0.1122944031	Z	Z/2	0.11	c	790	hgkakabceefggfhqbgqhk
$M7_{792}$	4.7306221178	0.0130892022	Z	Z/2	0.10	c	791	hgkakabceefggfaqvoqqf
$M7_{793}$	4.7307247538	0.0708466832	Z	Z/2	0.13	c	792	hfdakbcdeefggqqqqnaqg
$M7_{794}$	4.7328116720	0.0382673069	Z	Z/2	0.16	c	793	hgkakabceefggfaqfvhab
$M7_{795}$	4.7331891839	0.0620721236	Z	Z/2	0.10	c	794	hgkajabceefggfaqgbxhk
$M7_{796}$	4.7348526168	0.1974407164	Z	Z/2	0.07	c	795	hgjajabceefggfhhgfxhf
$M7_{797}$	4.7368741800	0.1447962348	Z	Z/2	0.10	c	796	hgkakabceefggfhqbgqqk
$M7_{798}$	4.7374965816	0.1572746384	Z	Z/2	0.07	c	797	hkjajabcdffggbahqsgqf
$M7_{799}$	4.7386529595	0.2034514026	Z	Z/2	0.07	c	798	hkkajabcdffggfhqqvbqk
$M7_{800}$	4.7389558080	0.0425095851	Z	Z/2	0.19	c	799	hjkakabddefggfasnqqqf
$M7_{801}$	4.7400181942	0.1788264665	Z	Z/2	0.07	c	800	hgjajabceefggfhhgfqak
$M7_{802}$	4.7405791368	0.1326738274	Z	Z/2	0.10	c	801	hgjajabceefgggqqgbxhk
$M7_{803}$	4.7407034051	0.1682673412	Z/11+Z	Z/2	0.07	c	802	hioakaccdefggfkoaqqaf
$M7_{804}$	4.7417412095	0.1890545545	Z/2+Z	Z/2	0.07	c	803	hgjajabceefggbqqbjxak
$M7_{805}$	4.7417846279	0.0512854516	Z	Z/2	0.10	c	804	hgjajabceefggfhhgbxqn
$M7_{806}$	4.7424336531	0.1949006820	Z	Z/2	0.19	c	805	hgfajbcbeefggaabbgxak
$M7_{807}$	4.7427519918	0.0193384621	Z/9+Z	Z/2	0.09	c	806	hokaiabceefggfaqofxhk
$M7_{808}$	4.7432099206	0.1610078788	Z	Z/2	0.07	c	807	hgkakabceefggfhqsnahf
$M7_{809}$	4.7434034004	0.1148917002	Z	Z/2	0.07	c	808	hgkakabceefggfaqgvqak
$M7_{810}$	4.7439326860	0.2289582409	Z	Z/2	0.09	c	809	hgkakabceefggfaqvoqaf
$M7_{811}$	4.7447509770	0.0899729294	Z/11+Z	Z/2	0.07	c	810	hkjadbacdffggafahvbqb
$M7_{812}$	4.7451831285	0.1414411799	Z	Z/2	0.18	c	811	hjkakabddefggfasnxaan
$M7_{813}$	4.7455016555	0.1317343550	Z	Z/2	0.07	c	812	hkjafbacdffggafahvfhf
$M7_{814}$	4.7467842657	0.1957131264	Z	Z/2	0.09	c	813	hgkajabceefggfaqgbxqn
$M7_{815}$	4.7478605200	0.2499363240	Z/4+Z	Z/2	0.07	c	814	hokaiabceefggfaqobhan
$M7_{816}$	4.7481024678	0.1261881516	Z	Z/2	0.07	c	815	hokaiabceefggfaqobxqb
$M7_{817}$	4.7485716960	0.0925669525	Z/2+Z	Z/2	0.18	c	816	hdkakabddefggfhofxqqo
$M7_{818}$	4.7489160972	0.2000876166	Z	Z/2	0.06	c	817	hioakaccdefggfkohqqqb
$M7_{819}$	4.7491135782	0.2096410740	Z	Z/2	0.19	c	818	hgkakabceefggfaqvbxqk
$M7_{820}$	4.7494999819	0.0860875469	Z/2+Z	D2	0.38	c	819	hjlabacdfefggfnxnostg

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$M7_{821}$	4.7494999819	0.0860875469	Z/2+Z	D2	0.19	c	820	hkoaeacdeffggnkafswhg
$M7_{822}$	4.7496594227	0.2080393559	Z	Z/2	0.06	c	821	hokaiabceefggfhqnkaan
$M7_{823}$	4.7499041771	0.1116756675	Z	D2	0.36	c	822	hfdadbcdefgggaaaadlbs
$M7_{824}$	4.7499041771	0.1383243325	Z/11+Z	D2	0.18	c	823	hgjajabceefgggqqfbqak
$M7_{825}$	4.7514735328	0.1812250493	Z	Z/2	0.17	c	824	hjkakabddefggfhgvhaaf
$M7_{826}$	4.7517019655	0.1049520398	Z/6+Z	D2	0.36	c	825	hfdadbcdefgfgaaaahhkk
$M7_{827}$	4.7518753052	0.0838589375	Z	Z/2	0.06	c	826	hgkajabceefggfhqbgqqb
$M7_{828}$	4.7522704392	0.2419103725	Z	Z/2	0.06	c	827	hjdadbcdcffggqqqggjqg
$M7_{829}$	4.7534569379	0.1249728251	Z	Z/2	0.09	c	828	hgjajabceefgggqqgbxqn
$M7_{830}$	4.7535832592	0.1173262629	Z	Z/2	0.06	c	829	hkjajabcdffggbahqksaf
$M7_{831}$	4.7549948425	0.0603834834	Z	Z/2	0.18	c	830	hblakcdeedfggenqpbkhk
$M7_{832}$	4.7551260790	0.0892009030	Z	Z/2	0.06	c	831	hgkakabceefggfhqbsxak
$M7_{833}$	4.7558844560	0.2493799094	Z	Z/2	0.18	c	832	hjkakabddefggfasnqhhg
$M7_{834}$	4.7559293450	0.0354119885	Z	Z/2	0.06	c	833	hgkajabceefggfaqgfqak
$M7_{835}$	4.7565165527	0.2289116739	Z	Z/2	0.06	c	834	hkjajabcdffggbqqanwab
$M7_{836}$	4.7584146323	0.1156337908	Z	Z/2	0.14	c	835	hfkakabddefggfhgfxhhg
$M7_{837}$	4.7584711992	0.1369605889	Z	Z/2	0.14	c	836	hjkakabddefggfhvohaaf
$M7_{838}$	4.7591543035	0.2013350566	Z	Z/2	0.09	c	837	hgkakabceefggfaqgvhhg
$M7_{839}$	4.7596943872	0.1548554606	Z	Z/2	0.09	c	838	hgkakabceefggfhqsnqqk
$M7_{840}$	4.7598207747	0.1127818094	Z	Z/2	0.14	c	839	hfkakabddefggfhgfqaab
$M7_{841}$	4.7600226677	0.2060277318	Z	Z/2	0.17	c	840	hdkakabddefggfhofhaak
$M7_{842}$	4.7601780725	0.1594603629	Z	Z/2	0.06	c	841	hgkajabceefggfaqgfxhf
$M7_{843}$	4.7619868330	0.1866067097	Z/11+Z	Z/2	0.06	c	842	hgjajabceefggbqqbjqhf
$M7_{844}$	4.7623409942	0.1921804675	Z	Z/2	0.17	c	843	hfkakabddefggfhgbqaan
$M7_{845}$	4.7623954800	0.0115719757	Z	Z/2	0.18	c	844	hfkakabddefggfhgbxqqo
$M7_{846}$	4.7627826974	0.1631636519	Z	Z/2	0.06	c	845	hkkajabcdffggfhqqfvhn
$M7_{847}$	4.7638932904	0.1066741822	Z/2+Z	Z/2	0.06	c	846	hgjajabceefgggqqgfqak
$M7_{848}$	4.7645849362	0.1383330620	Z	Z/2	0.08	c	847	hgjajabceefggfhhgfhhg
$M7_{849}$	4.7651380547	0.1887308757	Z	Z/2	0.05	c	848	hkjajabcdffggbqqawohg
$M7_{850}$	4.7657372778	0.0695836632	Z	Z/2	0.17	c	849	hjkakabddefggfasnaaak
$M7_{851}$	4.7663170091	0.0099716567	Z	Z/2	0.13	c	850	hgkakabceefggfhqsgqhk
$M7_{852}$	4.7664501645	0.1283351598	Z	Z/2	0.05	c	851	hkkafabcdffggfaqqskan
$M7_{853}$	4.7666739624	0.1199803946	Z	Z/2	0.08	c	852	hgjajabceefggfhhgfhab
$M7_{854}$	4.7671911239	0.1080072918	Z	Z/2	0.08	c	853	hokaiabceefggfhqnkxqo
$M7_{855}$	4.7685025825	0.1701965765	Z	Z/2	0.05	c	854	hkkadabcdffggfaqqsgqg
$M7_{856}$	4.7685633138	0.0317129284	Z	Z/2	0.13	c	855	hfjakbaddefggafbkqhho
$M7_{857}$	4.7686207191	0.2052365985	Z	Z/2	0.05	c	856	hokaiabceefggfhqngxqg
$M7_{858}$	4.7689552664	0.1135966515	Z	Z/2	0.17	c	857	hdkakabddefggfhofxhhg
$M7_{859}$	4.7691964181	0.0566956508	Z	Z/2	0.08	c	858	hgkakabceefggfaqgvhab
$M7_{860}$	4.7698075168	0.0810274178	Z	Z/2	0.05	c	859	hokaiabceefggfhqngaho
$M7_{861}$	4.7699796038	0.1714775225	Z	Z/2	0.05	c	860	hkkajabcdffggfhqanwab

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$M7_{862}$	4.7708071755	0.1030127329	Z	Z/2	0.08	c	861	hgkakabceefggfhqsnqhk
$M7_{863}$	4.7709083995	0.2309025267	Z	Z/2	0.05	c	862	hgjajabceefgggqqgfxhf
$M7_{864}$	4.7723416784	0.2317693331	Z	Z/2	0.08	c	863	hgkajabceefggfhqbgxaf
$M7_{865}$	4.7744408390	0.2137786014	Z	Z/2	0.05	c	864	hgkakabceefggfhqbsqhf
$M7_{866}$	4.7772182961	0.1499289204	Z/3+Z	Z/2	0.07	c	865	hokaiabceefggfhqnkxaf
$M7_{867}$	4.7772560766	0.1910016467	Z/3+Z	Z/2	0.07	c	866	hokaiabceefggfaqobqaf
$M7_{868}$	4.7773506864	0.0672653531	Z	Z/2	0.07	c	867	hokaiabceefggfaqobqqf
$M7_{869}$	4.7774892557	0.2391021487	Z	Z/2	0.17	c	868	hfkakabddefggfhgbqahg
$M7_{870}$	4.7775426441	0.1373171731	Z/2+Z	Z/2	0.17	c	869	hdkakabddefggfhofhaqo
$M7_{871}$	4.7779562056	0.0008875507	Z/13+Z	D2	0.17	c	870	hgkajabceefggfaqfbqqo
$M7_{872}$	4.7784597663	0.0074123131	Z	Z/2	0.17	c	871	hgkakabceefggfaqfvxhk
$M7_{873}$	4.7789155198	0.1747642698	Z	Z/2	0.18	c	872	hdkakabddefggfangqhhg
$M7_{874}$	4.7799713747	0.2119994612	Z/11+Z	Z/2	0.05	c	873	hkkajabcdffggfhqawohg
$M7_{875}$	4.7802835314	0.1577343881	Z	Z/2	0.05	c	874	hkjadabcdffggfqahvbqb
$M7_{876}$	4.7806198651	0.2057093740	Z	Z/2	0.05	c	875	hgkajabceefggfhqbkqhf
$M7_{877}$	4.7814714778	0.1158349825	Z	Z/2	0.04	c	876	hkjadabcdffggbahqsgqg
$M7_{878}$	4.7816026575	0.2034624991	Z	Z/2	0.04	c	877	hkkafabcdffggfhqqvfhf
$M7_{879}$	4.7826517726	0.0259624480	Z	Z/2	0.07	c	878	hgkajabceefggfhqbgxqo
$M7_{880}$	4.7828992748	0.1297863061	Z	Z/2	0.07	c	879	hgjajabceefggbqqbjaab
$M7_{881}$	4.7834860765	0.1615448939	Z	Z/2	0.04	c	880	hkkadabcdffggfhqqvbqb
$M7_{882}$	4.7847726459	0.1698523557	Z	Z/2	0.04	c	881	hgkajabceefggfhqbkxak
$M7_{883}$	4.7848233887	0.1783295506	Z	Z/2	0.16	c	882	hfhaibcdeffgguknqtqwmf
$M7_{884}$	4.7848840186	0.2135052521	Z	Z/2	0.12	c	883	hdkakabddefggfhobhaaf
$M7_{885}$	4.7856585636	0.0013746646	Z	Z/2	0.16	c	884	hgfajbcbeefggaabbkaan
$M7_{886}$	4.7861962447	0.0323066130	Z	Z/2	0.17	c	885	hdkakabddefggfangqqqf
$M7_{887}$	4.7877715198	0.1038045614	Z/4+Z	Z/2	0.16	c	886	hgfajbcbeefggaabbkahf
$M7_{888}$	4.7880783169	0.0235683337	Z	Z/2	0.07	c	887	hgkajabceefggfaqgfhab
$M7_{889}$	4.7897669167	0.2182286873	Z	Z/2	0.07	c	888	hgkajabceefggfaqgfhhg
$M7_{890}$	4.7901855151	0.1282633604	Z/11+Z	Z/2	0.07	c	889	hgjajabceefggbqqbjahg
$M7_{891}$	4.7902870975	0.1095515191	Z	Z/2	0.15	c	890	hhkababffegggfhhqlskg
$M7_{892}$	4.7905003656	0.1422321515	Z	Z/2	0.15	c	891	hdjakbaddefggafngaaak
$M7_{893}$	4.7912563949	0.2295185515	Z	Z/2	0.04	c	892	hkjadabcdffggbqqawohf
$M7_{894}$	4.7917039520	0.0152383863	Z	Z/2	0.12	c	893	hdkakabddefggfhobxqqo
$M7_{895}$	4.7918747000	0.1875850725	Z	Z/2	0.04	c	894	hkjadabcdffggfhhqsgqg
$M7_{896}$	4.7945683847	0.1536864665	Z/10+Z	D2	0.18	c	895	hbhafbcedfggguknxnqaml
$M7_{897}$	4.7945683847	0.0963135335	Z/18+Z	D2	0.18	c	896	hbpaccefdgffgknxnqmlg
$M7_{898}$	4.7970042034	0.0738497600	Z	Z/2	0.16	c	897	hdjakbaddefggafngaaqo
$M7_{899}$	4.7980733634	0.0300465419	Z	Z/2	0.06	c	898	hgkakabceefggfhqbsaab
$M7_{900}$	4.7985081294	0.2141287617	Z	Z/2	0.15	c	899	hdkakabddefggfangxaan
$M7_{901}$	4.7985694028	0.0476830843	Z	Z/2	0.06	c	900	hgjajabceefgggqqgfhab
$M7_{902}$	4.7986123125	0.0890798616	Z/2+Z	Z/2	0.18	c	901	hgfadbcbefgfgaabbxqnf

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$M7_{903}$	4.8002428954	0.1710668260	Z	Z/2	0.03	c	902	hkkadabcdffggfhqawohf
$M7_{904}$	4.8003869403	0.1320030235	Z	Z/2	0.11	c	903	hgkakabceefggfhqksahg
$M7_{905}$	4.8009628358	0.2130345952	Z	Z/2	0.03	c	904	hkkadabcdffggnaqhwohf
$M7_{906}$	4.8011534341	0.2359129373	Z	Z/2	0.06	c	905	hokaiabceefggfhqngqqk
$M7_{907}$	4.8013067526	0.2104510238	Z	Z/2	0.06	c	906	hgjajabceefgggqqgfhhg
$M7_{908}$	4.8016245569	0.0222361350	Z/9+Z	Z/2	0.06	c	907	hokaiabceefggfhqngqhk
$M7_{909}$	4.8022834119	0.1908745505	Z	Z/2	0.15	c	908	hjkakabddefggfhvoxhho
$M7_{910}$	4.8023451819	0.1300656195	Z	Z/2	0.15	c	909	hblakcdeedfggenqpbkqb
$M7_{911}$	4.8048199293	0.2279229963	Z	Z/2	0.06	c	910	hgkakabceefggfhqbsahg
$M7_{912}$	4.8076324926	0.1253829186	Z	Z/2	0.16	c	911	hjkakabddefggfhvoqqqk
$M7_{913}$	4.8083319151	0.2172997268	Z	Z/2	0.15	c	912	hgkajabceefggfaqfbxqn
$M7_{914}$	4.8086745937	0.1227500362	Z/2+Z	Z/2	0.15	c	913	hgkakabceefggfaqvbxqb
$M7_{915}$	4.8087383376	0.0338146389	Z	Z/2	0.11	c	914	hokaiabceefggfaqvbqqf
$M7_{916}$	4.8089555765	0.2463032071	Z	Z/2	0.15	c	915	hkoaeacdeffggfkafswhg
$M7_{917}$	4.8097547855	0.1814648262	Z	Z/2	0.11	c	916	hgkajabceefggfaqvfhhg
$M7_{918}$	4.8099562671	0.0445758126	Z	Z/2	0.15	c	917	hgkakabceefggfaqgbqak
$M7_{919}$	4.8118967051	0.1464137058	Z	Z/2	0.15	c	918	hdkakabddefggfhofhhqn
$M7_{920}$	4.8121662019	0.0366388858	Z	Z/2	0.10	c	919	hgjajabceefggfhhvfhhg
$M7_{921}$	4.8150456536	0.1109756132	Z	Z/2	0.10	c	920	hgjajabceefgggqqvfhhg
$M7_{922}$	4.8150476678	0.0414236499	Z	Z/2	0.15	c	921	hgkakabceefggfhqsgxqf
$M7_{923}$	4.8160710342	0.1468600751	Z	Z/2	0.05	c	922	hgkajabceefggfhqbkahg
$M7_{924}$	4.8176833825	0.1112061786	Z	Z/2	0.05	c	923	hgkajabceefggfhqbkaab
$M7_{925}$	4.8211368897	0.0622998383	Z	Z/2	0.14	c	924	hgjajabceefggbqqnjxaf
$M7_{926}$	4.8218347507	0.2376885416	Z	Z/2	0.13	c	925	hjkakabddefggfhvohhhf
$M7_{927}$	4.8220509314	0.0811928349	Z/14+Z	Z/2	0.15	c	926	hjkakabddefggfhvoqaab
$M7_{928}$	4.8261398547	0.2093256125	Z/5+Z	Z/2	0.17	c	927	hgkakabceefggfaqfvhhg
$M7_{929}$	4.8297163924	0.1020317664	Z	Z/2	0.14	c	928	hfkakabddefggfhgfhhhk
$M7_{930}$	4.8303105634	0.1049089763	Z	Z/2	0.14	c	929	hfkakabddefggfhgfhaaf
$M7_{931}$	4.8334332584	0.1946327271	Z	Z/2	0.13	c	930	hdkakabddefggfhofhaqg
$M7_{932}$	4.8334489631	0.2307270750	Z	Z/2	0.13	c	931	hlkaeabefegggfhhtakjr
$M7_{933}$	4.8340465044	0.0927817361	Z	Z/2	0.13	c	932	hfkakabddefggfhgbqaho
$M7_{934}$	4.8357015583	0.1690765521	Z	Z/2	0.13	c	933	hgkajabceefggfaqfbqqg
$M7_{935}$	4.8365479973	0.2155490922	Z	Z/2	0.12	c	934	hfkakabddefggfhgfxqqg
$M7_{936}$	4.8372071045	0.2127686503	Z	Z/2	0.12	c	935	hfkakabddefggfhgfqqqb
$M7_{937}$	4.8380493627	0.0661260835	Z/15+Z	D2	0.16	c	936	hokaiabceefggfaqbfxhk
$M7_{938}$	4.8404826259	0.2414365142	Z/2+Z	D2	0.15	c	937	hgjadbacefggghkhfaxjo
$M7_{939}$	4.8404826259	0.0085634858	Z/18+Z	D2	0.15	c	938	hgjadbacefggghkhfxxof
$M7_{940}$	4.8409178434	0.1602145232	Z	Z/2	0.16	c	939	hgkakabceefggfaqfvxhf
$M7_{941}$	4.8416360043	0.2310261684	Z	D2	0.31	c	940	hdhabcceffgggtoxdloss
$M7_{942}$	4.8449050610	0.1421424875	Z/2+Z	Z/2	0.15	c	941	hlkababdfggfgfanmvnnj
$M7_{943}$	4.8456601767	0.1471159024	Z	Z/2	0.13	c	942	hgjajabceefggfhhfbqqo

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{944}$	4.8465918965	0.1443198212	Z	Z/2	0.13	c	943	hfkakabddefggfhgfqqhk
$M7_{945}$	4.8475405716	0.1417318476	Z/2+Z	Z/2	0.14	c	944	hhjacbadfggfghkfqgbjf
$M7_{946}$	4.8480486106	0.1148675815	Z	Z/2	0.13	c	945	hfkakabddefggfhgbqqqb
$M7_{947}$	4.8484843535	0.1356045113	Z	Z/2	0.08	c	946	hokaiabceefggfhqsgqqk
$M7_{948}$	4.8498078747	0.0119377135	Z	Z/2	0.08	c	947	hgkajabceefggfhqskaab
$M7_{949}$	4.8498216826	0.2236860191	Z/2+Z/4+Z	D2	0.14	c	948	hgfadbcbefgggaabbqarg
$M7_{950}$	4.8498216826	0.0263139809	Z/2+Z/6+Z	D2	0.14	c	949	hgfadbcbefgggaabbqqbg
$M7_{951}$	4.8498216826	0.2236860191	Z/2+Z/4+Z	D2	0.14	c	950	hkoaeacdfegggnkakkaax
$M7_{952}$	4.8498216826	0.0263139809	Z/2+Z/10+Z	D2	0.14	c	951	hkoaeacdfegggnkakkahq
$M7_{953}$	4.8509048879	0.2167807527	Z/4+Z	Z/2	0.12	c	952	hdkakabddefggfhofhhhf
$M7_{954}$	4.8511707573	0.1044057719	Z/4+Z	D2	0.50	c	953	hknaibbeeefggabhqaxab
$M7_{955}$	4.8511707573	0.0210724386	Z/2+Z	D2	0.32	c	954	hkoabacdegffgfkakubgo
$M7_{956}$	4.8515780026	0.1964811079	Z	Z/2	0.18	c	955	hnjabbadefgggafbpnnbo
$M7_{957}$	4.8534270323	0.1628468937	Z	Z/2	0.12	c	956	hgkakabceefggfhqksxaf
$M7_{958}$	4.8536851909	0.2117577391	Z/6+Z	Z/2	0.14	c	957	hojababcfgfggbqquxllc
$M7_{959}$	4.8542020935	0.2303122293	Z	Z/2	0.12	c	958	hdkakabddefggfhvbhhhf
$M7_{960}$	4.8546633387	0.1358319478	Z	Z/2	0.30	c	959	hblajacdefeggknhhhghg
$M7_{961}$	4.8546633387	0.0524986145	Z	Z/2	0.30	c	960	hofacbcbffgfgaabqhxak
$M7_{962}$	4.8568558389	0.0936061203	Z	Z/2	0.18	c	961	hbpaeeffdegfgbuxnoqug
$M7_{963}$	4.8574210934	0.1225306028	Z	Z/2	0.12	c	962	hdkakabddefggfhvbhaaf
$M7_{964}$	4.8587619016	0.1281874061	Z/13+Z	Z/2	0.12	c	963	hfkakabddefggfhvfqqqb
$M7_{965}$	4.8587912986	0.0042112519	Z	Z/2	0.13	c	964	hdkakabddefggfhobqaab
$M7_{966}$	4.8599754871	0.2115224165	Z/6+Z	Z/2	0.13	c	965	hojababcfggfgbqqmxpak
$M7_{967}$	4.8601107968	0.2420762650	Z	Z/2	0.14	c	966	hgkakabceefggfhqsgqqk
$M7_{968}$	4.8606780088	0.0202558738	Z	Z/2	0.12	c	967	hfkakabddefggfhvfqaab
$M7_{969}$	4.8608727552	0.1868010842	Z	Z/2	0.11	c	968	hdkakabddefggfhobhhhf
$M7_{970}$	4.8616242203	0.2025942408	Z/2+Z	Z/2	0.12	c	969	hdkakabddefggfhobqqqk
$M7_{971}$	4.8641807125	0.1152898816	Z	Z/2	0.11	c	970	hdkakabddefggfhobxhho
$M7_{972}$	4.8663312157	0.2208137594	Z	Z/2	0.14	c	971	hdjakbaddefggafngahhf
$M7_{973}$	4.8682322356	0.1144896378	Z	Z/2	0.14	c	972	hgkajabceefggfhqkgxqo
$M7_{974}$	4.8697445207	0.1713648374	Z/3+Z	D2	0.30	c	974	hpfaabcefegggaabckvkg
$M7_{975}$	4.8697445207	0.0786351626	Z	D2	0.15	c	973	hkoaeacdeffggfkafswhf
$M7_{976}$	4.8702722271	0.2448298921	Z/2+Z	Z/2	0.11	c	975	hdkakabddefggfhobhhqn
$M7_{977}$	4.8726204914	0.2113456611	Z/2+Z	Z/2	0.17	c	976	hofabbcbfgffgaabqqhag
$M7_{978}$	4.8729076486	0.2199930553	Z	Z/2	0.10	c	977	hgkajabceefggfaqvfqqg
$M7_{979}$	4.8735370147	0.2094382922	Z	Z/2	0.10	c	978	hjkakabddefggfhgvhhhf
$M7_{980}$	4.8743439228	0.2091234808	Z	Z/2	0.15	c	979	hgkakabceefggfhqsgxqg
$M7_{981}$	4.8747525719	0.0983357898	Z	Z/2	0.11	c	980	hdkakabddefggfhvbqaab
$M7_{982}$	4.8749189509	0.0468411885	Z	Z/2	0.11	c	981	hdkakabddefggfhobxhab
$M7_{983}$	4.8757765562	0.0648811729	Z	Z/2	0.10	c	982	hokaiabceefggfaqvbhho
$M7_{984}$	4.8759861712	0.2151354430	Z	Z/2	0.11	c	983	hgkakabceefggfhqbgqhf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{985}$	4.8760682706	0.0883066852	Z/3+Z	D2	0.30	c	984	hhjabbadegfgghkfhjjjs
$M7_{986}$	4.8762803299	0.1361786113	Z	Z/2	0.13	c	985	hgjajabceefggfhhfbxqn
$M7_{987}$	4.8764610847	0.2006384044	Z	Z/2	0.11	c	986	hgjajbaceefgghkhfnaak
$M7_{988}$	4.8772573251	0.1389953515	Z	Z/2	0.13	c	987	hfkakabddefggfhgfqahg
$M7_{989}$	4.8778464984	0.1829448344	Z	Z/2	0.11	c	988	hgkakabceefggfhqbgqqb
$M7_{990}$	4.8817929351	0.1355381954	Z	Z/2	0.09	c	989	hgjajabceefggfhhvfqqg
$M7_{991}$	4.8831963181	0.0945192898	Z	Z/2	0.34	c	990	hblafacdefgfgknhahqko
$M7_{992}$	4.8834707518	0.2119924099	Z	Z/2	0.10	c	991	hgkajabceefggfaqvfqaf
$M7_{993}$	4.8851386240	0.1414740953	Z	Z/2	0.10	c	992	hjkakabddefggfasnqqqg
$M7_{994}$	4.8852085619	0.0503307299	Z	Z/2	0.10	c	993	hokaiabceefggfaqofxqb
$M7_{995}$	4.8853495173	0.2300143634	Z/2+Z	Z/2	0.14	c	994	hjkakabddefggfhvoxqqg
$M7_{996}$	4.8856925674	0.0031960553	Z	Z/2	0.10	c	995	hokaiabceefggfaqvbhab
$M7_{997}$	4.8860992684	0.1208920199	Z	Z/2	0.10	c	996	hgjajabceefggfhhgbxhf
$M7_{998}$	4.8865942095	0.1592944791	Z/4+Z	Z/2	0.10	c	997	hgkakabceefggfaqvoqqg
$M7_{999}$	4.8868266685	0.2293947428	Z/18+Z	D2	0.12	c	998	hofacbcbegfggaabnaank
$M7_{1000}$	4.8868266685	0.0206052572	Z/2+Z	D2	0.12	c	999	hofacbcbegfggaabnqack
$M7_{1001}$	4.8868857753	0.0563191938	Z/10+Z	D2	0.12	c	1000	hkoaeacdfegggfkaknhah
$M7_{1002}$	4.8868857753	0.1936808062	Z/22+Z	D2	0.12	c	1001	hkoaeacdfegggfkaknhxq
$M7_{1003}$	4.8878804740	0.2345327553	Z	Z/2	0.10	c	1002	hgkajabceefggfaqgbxhf
$M7_{1004}$	4.8888603546	0.1524953793	Z/6+Z	Z/2	0.10	c	1003	hokaiabceefggfaqofxhf
$M7_{1005}$	4.8893982065	0.2230957873	Z	Z/2	0.10	c	1004	hdkakabddefggfhofxqqg
$M7_{1006}$	4.8902024992	0.0571258930	Z	Z/2	0.10	c	1005	hfkakabddefggfhvfqqhk
$M7_{1007}$	4.8914896428	0.0673950490	Z	Z/2	0.10	c	1006	hgjajabceefggfhhvfqaf
$M7_{1008}$	4.8916266690	0.1324095545	Z	Z/2	0.09	c	1007	hgkajabceefggfaqgbxqb
$M7_{1009}$	4.8916760935	0.0919187213	Z/2+Z	Z/2	0.16	c	1008	hblajacdefeggknahaoab
$M7_{1010}$	4.8918287263	0.1628162231	Z/2+Z	Z/2	0.16	c	1009	hbpaifdfdefggigxkfihk
$M7_{1011}$	4.8937641326	0.0794739355	Z/10+Z	D2	0.27	c	1011	hhjaebadfegfghkfqhanb
$M7_{1012}$	4.8937641326	0.1628072688	Z/14+Z	D2	0.27	c	1012	hknaebbdefgfghgkahqgo
$M7_{1013}$	4.8937641326	0.1628072688	Z/14+Z	D2	0.14	c	1010	hgkajabceefggfhqkgqqb
$M7_{1014}$	4.8937793052	0.1948227213	Z	Z/2	0.09	c	1013	hgjajabceefgggqqgbxhf
$M7_{1015}$	4.8973791247	0.2030928462	Z/4+Z	Z/2	0.09	c	1014	hgjajabceefgggqqgbxqb
$M7_{1016}$	4.8980143999	0.1203722688	Z	Z/2	0.12	c	1015	hgkakabceefggfhqksaab
$M7_{1017}$	4.8984753166	0.2409780128	Z/22+Z	D2	0.11	c	1016	hhjabbadefggghkfhfock
$M7_{1018}$	4.8984753166	0.0090219872	Z/6+Z	D2	0.11	c	1017	hhjabbadefggghkfhfovn
$M7_{1019}$	4.9002292026	0.1886268892	Z/2+Z	Z/2	0.11	c	1018	hlkababdfggfgfhopsooc
$M7_{1020}$	4.9018291539	0.0384213833	Z	Z/2	0.12	c	1019	hdkakabddefggfhobhaqo
$M7_{1021}$	4.9028257657	0.1888391701	Z/2+Z	Z/2	0.11	c	1020	hlkacabdfgfggfhoqgsbo
$M7_{1022}$	4.9044374712	0.0839164142	Z	Z/2	0.15	c	1021	hofabbcbgggffaabaqhak
$M7_{1023}$	4.9061353014	0.0623344184	Z	Z/2	0.37	c	1022	hblakacdedfggfnhagqqn
$M7_{1024}$	4.9066513502	0.2365132856	Z/3+Z	Z/2	0.11	c	1023	hokaiabceefggfaqbfxhf
$M7_{1025}$	4.9068441445	0.1148090987	Z/2+Z	Z/2	0.32	c	1024	hblajaddeefggkmxekfaf

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$M7_{1026}$	4.9072519129	0.1847051316	Z	Z/2	0.13	c	1025	hgjajabceefggfhhfbqqg
$M7_{1027}$	4.9079214255	0.1875024794	Z	Z/2	0.13	c	1026	hfkakabddefggfhgfqqhf
$M7_{1028}$	4.9091395038	0.1106753416	Z	Z/2	0.08	c	1027	hgkajabceefggfhqskqqb
$M7_{1029}$	4.9119604043	0.2424648862	Z	Z/2	0.27	c	1028	hglaccceegffgmfetqbgb
$M7_{1030}$	4.9120129056	0.0324389613	Z	Z/2	0.14	c	1029	hblajacdefeggknhhhoho
$M7_{1031}$	4.9121051758	0.1100463383	Z	Z/2	0.46	c	1030	hnfaibcdefegghhhfffqk
$M7_{1032}$	4.9129669720	0.2345428972	Z	Z/2	0.07	c	1031	hokaiabceefggfhqsgaan
$M7_{1033}$	4.9140826631	0.1727728539	Z	Z/2	0.08	c	1032	hgkakabceefggfhqsnqqb
$M7_{1034}$	4.9144269195	0.1263839022	Z	Z/2	0.08	c	1033	hgkakabceefggfaqgvhhf
$M7_{1035}$	4.9162975282	0.1694248332	Z/7+Z	Z/2	0.12	c	1034	hgkakabceefggfhqksxak
$M7_{1036}$	4.9163399600	0.0438419747	Z/3+Z	D2	0.27	c	1035	hfdadbcdegfggaaaaqqbk
$M7_{1037}$	4.9163399600	0.2061580253	Z/17+Z	D2	0.14	c	1036	hgjajabceefggfhhfbxhf
$M7_{1038}$	4.9171076766	0.2285713627	Z	Z/2	0.08	c	1037	hgkakabceefggfaqgvhan
$M7_{1039}$	4.9171097654	0.2250825010	Z	Z/2	0.08	c	1038	hgkakabceefggfhqsnqhf
$M7_{1040}$	4.9171529320	0.2089904721	Z	Z/2	0.13	c	1039	hfkakabddefggfhgfqaan
$M7_{1041}$	4.9188471093	0.1896558974	Z	Z/2	0.08	c	1040	hgjajabceefggfhhgfhhf
$M7_{1042}$	4.9193847269	0.2080866807	Z	Z/2	0.08	c	1041	hgjajabceefggfhhgfhan
$M7_{1043}$	4.9202902475	0.0710248498	Z	Z/2	0.10	c	1042	hgkajabceefggfaqvfhab
$M7_{1044}$	4.9211499682	0.0426290196	Z	Z/2	0.08	c	1043	hgkajabceefggfhqskqhk
$M7_{1045}$	4.9212286136	0.2137629127	Z/3+Z	Z/2	0.10	c	1044	hokaiabceefggfaqvbqaf
$M7_{1046}$	4.9214828483	0.1270138880	Z/6+Z	D2	0.26	c	1045	hfdadbcdegfggaaaaqqbg
$M7_{1047}$	4.9216978805	0.2196729235	Z	Z/2	0.08	c	1046	hokaiabceefggfhqnkxqg
$M7_{1048}$	4.9233444610	0.1415425466	Z	Z/2	0.10	c	1047	hdkakabddefggfangqhho
$M7_{1049}$	4.9240778037	0.1664141847	Z	Z/2	0.08	c	1048	hokaiabceefggfhqsgahg
$M7_{1050}$	4.9244016567	0.1781648294	Z/3+Z	Z/2	0.07	c	1049	hokaiabceefggfhqnkxak
$M7_{1051}$	4.9252544033	0.0958194418	Z	Z/2	0.07	c	1050	hgkajabceefggfhqbgxak
$M7_{1052}$	4.9260153090	0.2156876486	Z	Z/2	0.10	c	1051	hgjajabceefggfhhvfhab
$M7_{1053}$	4.9268684913	0.0740221996	Z	Z/2	0.14	c	1052	hcoakacdedfggnkhhfqqf
$M7_{1054}$	4.9281087629	0.1979264056	Z	Z/2	0.07	c	1053	hgkajabceefggfhqbgxqg
$M7_{1055}$	4.9292242018	0.1831795910	Z	Z/2	0.65	c	1054	hfpaacfdeefggcxcgkuff
$M7_{1056}$	4.9296253950	0.2315114458	Z/8+Z	Z/2	0.36	c	1055	hblajaddeefggfmxekfaf
$M7_{1057}$	4.9304056076	0.1370077091	Z/12+Z	Z/2	0.07	c	1056	hokaiabceefggfaqobqak
$M7_{1058}$	4.9304301529	0.2392524032	Z	Z/2	0.07	c	1057	hokaiabceefggfaqobqqg
$M7_{1059}$	4.9324058856	0.0870223663	Z	Z/2	0.11	c	1058	hdkakabddefggfhobhhqb
$M7_{1060}$	4.9327140585	0.2052626230	Z/14+Z	D2	0.25	c	1059	hfdadbcdefgfgaaaaqqkn
$M7_{1061}$	4.9327181093	0.1106302202	Z/2+Z	Z/2	0.09	c	1062	hofacbcbegffgaabnaxbf
$M7_{1062}$	4.9335300727	0.0527291664	Z	Z/2	0.13	c	1063	hhjabbadffggghkflnkfk
$M7_{1063}$	4.9357487850	0.2149838410	Z/2+Z	Z/2	0.11	c	1064	hgkajabceefggfhqkgxqg
$M7_{1064}$	4.9365607767	0.1626276224	Z	Z/2	0.41	c	1065	hknaibbdefegghgkhhfhk
$M7_{1065}$	4.9368402407	0.1693543102	Z/2+Z/12+Z	D2	0.09	c	1066	hgjadabcefgggbqqbxxgb
$M7_{1066}$	4.9368402407	0.0806456898	Z/2+Z/2+Z	D2	0.09	c	1067	hnkababdegfggfhgqbgnc

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$M7_{1067}$	4.9372035492	0.1979985667	Z/2+Z	Z/2	0.07	c	1068	hgjajabceefggbqqbjaan
$M7_{1068}$	4.9386058681	0.0049130902	Z	Z/2	0.13	c	1069	hlkababdffgggfhoukorc
$M7_{1069}$	4.9391262135	0.1998109055	Z	Z/2	0.07	c	1070	hgjajabceefggbqqbjahf
$M7_{1070}$	4.9413372830	0.1484760386	Z	Z/2	0.06	c	1071	hgkajabceefggfaqgfhan
$M7_{1071}$	4.9417720217	0.0462482386	Z	Z/2	0.06	c	1072	hgkajabceefggfaqgfhhf
$M7_{1072}$	4.9429456638	0.1083925344	Z/2+Z	Z/2	0.12	c	1073	hdkakabddefggfhobhaak
$M7_{1073}$	4.9466600402	0.2200731611	Z/2+Z	Z/2	0.08	c	1074	hgjadabcegffgfhhgqxok
$M7_{1074}$	4.9469167194	0.1934391387	Z	Z/2	0.12	c	1075	hdkakabddefggfhobxqqg
$M7_{1075}$	4.9469213641	0.2486743469	Z/9+Z	Z/2	0.29	c	1076	hclakcdddefggirordqqn
$M7_{1076}$	4.9476240059	0.1906154242	Z	Z/2	0.12	c	1077	hgkakabceefggfhqksahf
$M7_{1077}$	4.9485277823	0.1200236502	Z	Z/2	0.10	c	1078	hjkakabddefggfhvoqqhk
$M7_{1078}$	4.9502448771	0.1905849488	Z/2+Z	Z/2	0.10	c	1079	hjkakabddefggfhvoqqqb
$M7_{1079}$	4.9504317897	0.1648271654	Z/2+Z	Z/2	0.10	c	1080	hokaiabceefggfaqvbhan
$M7_{1080}$	4.9515309964	0.2022823557	Z	Z/2	0.06	c	1081	hgkakabceefggfhqbsaan
$M7_{1081}$	4.9517034289	0.2197733265	Z/2+Z	Z/2	0.06	c	1082	hgjajabceefgggqqgfhan
$M7_{1082}$	4.9517227336	0.1807558480	Z/6+Z	D2	0.08	c	1083	hlkababdegfggfhohfokc
$M7_{1083}$	4.9517227336	0.0692441520	Z/26+Z	D2	0.08	c	1084	hlkababdegfggfhohfonv
$M7_{1084}$	4.9520410888	0.0381290912	Z/2+Z	Z/2	0.12	c	1085	hblajacdefeggknhhhoab
$M7_{1085}$	4.9524100503	0.1175634943	Z/13+Z	Z/2	0.06	c	1086	hgjajabceefgggqqgfhhf
$M7_{1086}$	4.9533216476	0.1001133228	Z	Z/2	0.06	c	1087	hgkakabceefggfhqbsahf
$M7_{1087}$	4.9535334337	0.0920460461	Z	Z/2	0.06	c	1088	hokaiabceefggfhqngqqb
$M7_{1088}$	4.9536544772	0.1942592630	Z/3+Z	Z/2	0.06	c	1089	hokaiabceefggfhqngqhf
$M7_{1089}$	4.9557049386	0.2354490001	Z	Z/2	0.09	c	1090	hjkakabddefggfhvoqaan
$M7_{1090}$	4.9562631116	0.2052706987	Z	Z/2	0.12	c	1091	hofabbcbegffgaabgqafg
$M7_{1091}$	4.9586250547	0.2404572839	Z	Z/2	0.08	c	1092	hgkajabceefggfhqskahg
$M7_{1092}$	4.9598508257	0.1167017721	Z/3+Z	Z/2	0.08	c	1093	hokaiabceefggfhqsgqhk
$M7_{1093}$	4.9604910775	0.1915726731	Z	Z/2	0.24	c	1094	hglaccceegffgmfethbgk
$M7_{1094}$	4.9615023744	0.0902314865	Z/10+Z	D2	0.07	c	1095	hgjadabcegfggfhhghqrb
$M7_{1095}$	4.9615023744	0.1597685135	Z/18+Z	D2	0.07	c	1096	hgjadabcegfggfhhgqqgb
$M7_{1096}$	4.9651276521	0.2307695578	Z/2+Z/10+Z	D2	0.07	c	1097	hokacabcegfggfaqohhof
$M7_{1097}$	4.9651276521	0.0192304422	Z/2+Z/4+Z	D2	0.07	c	1098	hokacabcegfggfaqoqhjf
$M7_{1098}$	4.9658273609	0.1486881206	Z/2+Z	Z/2	0.07	c	1099	hokacabcegffgfaqohxgn
$M7_{1099}$	4.9670270365	0.1438299439	Z	Z/2	0.10	c	1100	hokaiabceefggfaqvbqqg
$M7_{1100}$	4.9671030075	0.1409758116	Z/17+Z	Z/2	0.10	c	1101	hgkajabceefggfaqvfhhf
$M7_{1101}$	4.9682395414	0.1810463742	Z	Z/2	0.05	c	1102	hgkajabceefggfhqbkahf
$M7_{1102}$	4.9686550978	0.2167622944	Z	Z/2	0.05	c	1103	hgkajabceefggfhqbkaan
$M7_{1103}$	4.9698309350	0.2338954335	Z/6+Z	D2	0.07	c	1104	hgkadabcegfggfaqghqrb
$M7_{1104}$	4.9698309350	0.0161045665	Z/22+Z	D2	0.07	c	1105	hgkadabcegfggfaqgqqgb
$M7_{1105}$	4.9707710162	0.2143791777	Z	Z/2	0.10	c	1106	hgjajabceefggfhhvfhhf
$M7_{1106}$	4.9709873152	0.2115276052	Z	Z/2	0.10	c	1107	hfkakabddefggfhgfhaak
$M7_{1107}$	4.9724937142	0.0182323637	Z/2+Z	Z/2	0.11	c	1108	hnkababdffgggfhgingkk

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1108}$	4.9732956456	0.2088242693	Z	Z/2	0.12	c	1109	hdkakabddefggfhobhaqg
$M7_{1109}$	4.9753170996	0.1627905223	Z/2+Z/2+Z	D2	0.06	c	1110	hgjadabcefgggbqqbaqbr
$M7_{1110}$	4.9753170996	0.0872094777	Z/2+Z/12+Z	D2	0.06	c	1111	hgjadabcefgggbqqbqqbg
$M7_{1111}$	4.9767702943	0.0930506601	Z/18+Z	D2	0.23	c	1112	hknaebbdefgfghgkaaabf
$M7_{1112}$	4.9767702943	0.0930506601	Z/18+Z	D2	0.11	c	1113	hokaiabceefggfhqgkxak
$M7_{1113}$	4.9774345723	0.1626253448	Z	Z/2	0.23	c	1114	hblajacdefeggfnxhaoaf
$M7_{1114}$	4.9821381572	0.1371215217	Z/6+Z	Z/2	0.06	c	1115	hgkadabcegffgfaqgqxok
$M7_{1115}$	4.9831085301	0.0727641433	Z/3+Z	D2	0.22	c	1116	hnjacbadefgggafbqwwvc
$M7_{1116}$	4.9845053811	0.1296145543	Z	Z/2	0.10	c	1117	hgkadabcefgfgfhqsqxob
$M7_{1117}$	4.9853746836	0.2105911330	Z	Z/2	0.08	c	1118	hgkajabceefggfhqskqhf
$M7_{1118}$	4.9862105776	0.1830225963	Z/2+Z	Z/2	0.06	c	1119	hokacabcegffgfhqnaxbf
$M7_{1119}$	4.9866574842	0.1562228952	Z/3+Z	D2	0.22	c	1120	hnjacbadefgggafbqwwjc
$M7_{1120}$	4.9875443425	0.1763915610	Z	Z/2	0.10	c	1121	hhjacbadfgffghkfigovn
$M7_{1121}$	4.9878945727	0.1655714301	Z/7+Z	Z/2	0.07	c	1122	hokaiabceefggfhqsgaho
$M7_{1122}$	4.9896608644	0.0615673116	Z/22+Z	D2	0.05	c	1123	hokacabcegfggfhqnaank
$M7_{1123}$	4.9896608644	0.1884326884	Z/10+Z	D2	0.05	c	1124	hokacabcegfggfhqnqack
$M7_{1124}$	4.9910141886	0.1058980849	Z	Z/2	0.42	c	1125	hhjaibadfeegghkfqqbqo
$M7_{1125}$	4.9934565603	0.1184063754	Z	Z/2	0.09	c	1126	hlkababdffgggfhomkonn
$M7_{1126}$	4.9957375451	0.2087271231	Z/2+Z	Z/2	0.05	c	1127	hgjadabcefgfgbqqbqxok
$M7_{1127}$	4.9959296421	0.0639399852	Z/6+Z	D2	0.05	c	1128	hgkadabcefgggfhqbqarg
$M7_{1128}$	4.9959296421	0.1860600148	Z/26+Z	D2	0.05	c	1129	hgkadabcefgggfhqbqqbg
$M7_{1129}$	4.9960181977	0.2415468789	Z	Z/2	0.10	c	1130	hdkakabddefggfhobqahg
$M7_{1130}$	4.9963817724	0.0432766586	Z/18+Z	Z/2	0.10	c	1131	hokaiabceefggfaqvbqak
$M7_{1131}$	4.9975186855	0.2195685048	Z	Z/2	0.42	c	1132	hblafacdefgfgfnxhhqon
$M7_{1132}$	4.9980323755	0.1852441161	Z	D2	0.21	c	1133	hbpaccfedgffgkpwnqxlg
$M7_{1133}$	4.9993816511	0.1878921473	Z/2+Z	Z/2	0.10	c	1134	hdkakabddefggfhobqaan
$M7_{1134}$	5.0004186170	0.1138497077	Z	Z/2	0.10	c	1135	hdkakabddefggfhobqqqb
$M7_{1135}$	5.0018253733	0.0261569160	Z	Z/2	0.09	c	1136	hojababcgggffbqqaqhak
$M7_{1136}$	5.0039583967	0.0446272360	Z/2+Z	Z/2	0.08	c	1137	hokababcgggfffaqhaqhf
$M7_{1137}$	5.0050917724	0.1866872665	Z	Z/2	0.08	c	1138	hokaiabceefggfhqsgqqb
$M7_{1138}$	5.0051908194	0.1895330017	Z	Z/2	0.08	c	1139	hgkajabceefggfhqskaan
$M7_{1139}$	5.0080827789	0.1918494206	Z/6+Z	Z/2	0.04	c	1140	hgkadabcefgfgfhqbxqnf
$M7_{1140}$	5.0082961928	0.1702591252	Z	Z/2	0.08	c	1141	hokababcffgfgfaqqaqhb
$M7_{1141}$	5.0099527824	0.2000468891	Z	D2	0.20	c	1142	hbpabcefgfgegknxilenj
$M7_{1142}$	5.0127759240	0.1666666667	Z/4+Z	Z/2	0.41	c	1143	hblafacdefgfgknhhhqkn
$M7_{1143}$	5.0144595651	0.0993620569	Z/2+Z	Z/2	0.08	c	1144	hojababcgggfffhhhaqhf
$M7_{1144}$	5.0159052031	0.0951926828	Z	Z/2	0.08	c	1145	hojababcegffgfhhfqhfn
$M7_{1145}$	5.0164911250	0.1048274081	Z/2+Z	Z/2	0.08	c	1146	hgjadabcegffgfhhvxqng
$M7_{1146}$	5.0235528723	0.1661949101	Z/2+Z	Z/2	0.07	c	1147	hokababcegffgfaqbqhkb
$M7_{1147}$	5.0259985926	0.0129345063	Z/3+Z	Z/2	0.41	c	1148	hapajdecdefggnvvnvqab
$M7_{1148}$	5.0267425177	0.1081433988	Z/2+Z	Z/2	0.25	c	1149	hddakbcdedfggqqaabaab

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1149}$	5.0289935270	0.1417997013	Z/2+Z	Z/2	0.19	c	1150	hlkababdeffggfhoikgcf
$M7_{1150}$	5.0291273524	0.2428834959	Z/3+Z	D2	0.19	c	1151	hnkababdfgfggnabxfwnr
$M7_{1151}$	5.0294944813	0.0064440387	Z/18+Z	D2	0.19	c	1152	hnkaiabdfeeggfhgxxoqk
$M7_{1152}$	5.0301361937	0.1571825406	Z/3+Z	D2	0.20	c	1153	hnkababdefgggfhgqwwrw
$M7_{1153}$	5.0312959689	0.2403466490	Z/6+Z	D2	0.20	c	1154	hlkababdefgggfhohsssj
$M7_{1154}$	5.0318712278	0.0049453205	Z	Z/2	0.07	c	1155	hokacabcegffgfhqsxafk
$M7_{1155}$	5.0318828738	0.0484261413	Z	Z/2	0.07	c	1156	hokababcegffgfaqfqhfn
$M7_{1156}$	5.0322725716	0.1737600510	Z/3+Z	D2	0.19	c	1157	hnkababdfgfggnabxfwor
$M7_{1157}$	5.0336541504	0.0889836002	Z	Z/2	0.08	c	1158	hgkajabceefggfhqskahf
$M7_{1158}$	5.0341293594	0.2127867555	Z/3+Z	Z/2	0.08	c	1159	hokaiabceefggfhqsgqhf
$M7_{1159}$	5.0343971867	0.1246245666	Z	Z/2	0.07	c	1160	hokababcgggfffhqaqhak
$M7_{1160}$	5.0375794152	0.0289840198	Z/3+Z	Z/2	0.57	c	1161	hdhabdcffgfeghnmxankf
$M7_{1161}$	5.0391360550	0.0837874845	Z/2+Z	Z/2	0.25	c	1162	hblajacdefeggknaxafab
$M7_{1162}$	5.0402514553	0.0004290749	Z	Z/2	0.06	c	1163	hokababcfgffgfhqqqhag
$M7_{1163}$	5.0404343652	0.0227542899	Z/2+Z	Z/2	0.06	c	1164	hojababcegffgfhhbqhkb
$M7_{1164}$	5.0411812564	0.1342490453	Z/2+Z	D2	0.18	c	1165	hbpabcefgfgegknxilefj
$M7_{1165}$	5.0412004513	0.0911766698	Z	Z/2	0.19	c	1166	hhjaebaffegfgafdqpbkn
$M7_{1166}$	5.0425492156	0.0927157666	Z/14+Z	D2	0.18	c	1167	hlkaeabdfegfgfhoqhakb
$M7_{1167}$	5.0425492156	0.0093824333	Z/16+Z	D2	0.18	c	1168	hnkaeabdfegfgfhghqanf
$M7_{1168}$	5.0439768192	0.1784992664	Z	Z/2	0.18	c	1169	hcoakacdedfggfkhhfhho
$M7_{1169}$	5.0442240389	0.1249162572	Z	Z/2	0.24	c	1170	hblakacdedfggknhagaab
$M7_{1170}$	5.0442872013	0.0976847432	Z/7+Z	Z/2	0.35	c	1171	hbpaccefffgegrnxddqnn
$M7_{1171}$	5.0448991629	0.0617805437	Z/20+Z	D2	0.19	c	1172	hflacacefegfgknabkibg
$M7_{1172}$	5.0466569413	0.0562608136	Z	Z/2	0.18	c	1173	hofabbcbegffgaabkqakg
$M7_{1173}$	5.0466569413	0.1395941470	Z	Z/2	0.18	c	1174	hofabbcbfgffgaabqqhao
$M7_{1174}$	5.0473570202	0.0465361080	Z/3+Z	Z/2	0.23	c	1175	hgfadbcbefgfgaabbaann
$M7_{1175}$	5.0480618236	0.0027411546	Z	Z/2	0.06	c	1176	hokababcegffgfhqgqafg
$M7_{1176}$	5.0514678948	0.0590159155	Z	Z/2	0.22	c	1177	hddajacedfeggfkaaqkqn
$M7_{1177}$	5.0533214945	0.1886208688	Z/6+Z	D2	0.18	c	1179	hkoabacdefgggnkakglpl
$M7_{1178}$	5.0548369546	0.2101040428	Z	Z/2	0.58	c	1181	hbpabbfdfegggfxfafemg
$M7_{1179}$	5.0549008472	0.1051778795	Z/3+Z	D2	0.17	c	1182	hlkacabdffgggfanxvofc
$M7_{1180}$	5.0550519947	0.1653989015	Z	Z/2	0.36	c	1183	hbpaccefffgegrnxddhnk
$M7_{1181}$	5.0551943220	0.0887768229	Z	Z/2	0.32	c	1184	hblafacdefgfgknaaaaff
$M7_{1182}$	5.0565267883	0.1021897400	Z	Z/2	0.24	c	1185	hbpaiceffdfggrkxdodqf
$M7_{1183}$	5.0565411690	0.0873819805	Z/2+Z	Z/2	0.23	c	1186	hboakadeddfggfhhaqqqo
$M7_{1184}$	5.0592263616	0.1218107370	Z	Z/2	0.05	c	1187	hokababcegffgfhqkqako
$M7_{1185}$	5.0647213361	0.0385086403	Z/3+Z	Z/2	0.22	c	1188	hofabbcbgfgfgaabuuupj
$M7_{1186}$	5.0681658341	0.1254270454	Z	Z/2	0.74	c	1189	hfhabceeefgggqexeqigs
$M7_{1187}$	5.0704038262	0.1828973452	Z	Z/2	0.49	c	1190	hcoafacdefgfgfkhhqhkk
$M7_{1188}$	5.0778113611	0.0507513052	Z/3+Z	Z/2	0.35	c	1191	hfdadbcdefgfgqqqqaabn
$M7_{1189}$	5.0790800398	0.0745573027	Z	Z/2	0.16	c	1192	hcoakacdedfggfkhhfqqf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1190}$	5.0826538415	0.0715697243	Z/2+Z	Z/2	0.16	c	1193	hgjadbacefgfgafawhxgn
$M7_{1191}$	5.0826538415	0.1549030576	Z/22+Z	D2	0.16	c	1194	hhjaebadfegfghkfhhhng
$M7_{1192}$	5.0826538415	0.1549030576	Z/2+Z	Z/2	0.16	c	1195	hojacbacfffggafaaqhxf
$M7_{1193}$	5.0844083846	0.1062045183	Z/2+Z	Z/2	0.21	c	1196	hblajacdefeggknhxhfhg
$M7_{1194}$	5.0903434938	0.2443414123	Z/3+Z	Z/2	0.20	c	1197	hofacbcbegffgaabnqqgg
$M7_{1195}$	5.0910268362	0.1880439714	Z	Z/2	0.30	c	1198	hblakacdedfggknaabqqn
$M7_{1196}$	5.0911447396	0.1785338589	Z/3+Z	D2	0.15	c	1199	hhjabbadegfgghkfhjjrw
$M7_{1197}$	5.0913012906	0.0950977362	Z/3+Z	D2	0.15	c	1200	hhjabbadegfgghkfhjjrv
$M7_{1198}$	5.0951851288	0.0577553806	Z/2+Z	Z/2	0.15	c	1201	hcoakacdedfggfkhafaab
$M7_{1199}$	5.0951851288	0.1089112860	Z/2+Z	Z/2	0.15	c	1202	hcoakacdedfggfkhhfhab
$M7_{1200}$	5.0990348432	0.1143950702	Z/2+Z	D2	0.15	c	1205	hlkaeabdfegggfanxitut
$M7_{1201}$	5.1009405472	0.1768872659	Z/2+Z	Z/2	0.15	c	1206	hblajacdefeggknhhhgho
$M7_{1202}$	5.1009405472	0.2397794008	Z/2+Z	Z/2	0.15	c	1207	hojababcfgffgbqqaxhqb
$M7_{1203}$	5.1015377446	0.0824193399	Z	D2	0.15	c	1208	hhjacbaffegggafeqagvn
$M7_{1204}$	5.1043190811	0.1653937850	Z	D2	0.14	c	1209	hnjacbadefgggafbqbbcv
$M7_{1205}$	5.1062718035	0.1061660204	Z/22+Z	D2	0.15	c	1210	hkoabacdegffgfkaklgbf
$M7_{1206}$	5.1097895898	0.1435113282	Z/3+Z	D2	0.14	c	1211	hkoabacdefgggfkakglpl
$M7_{1207}$	5.1104842726	0.1207219998	Z/2+Z	Z/2	0.29	c	1212	hknaebbdefgfghgkahagf
$M7_{1208}$	5.1111665875	0.2268972179	Z/6+Z	D2	0.14	c	1213	hjpaacedfgeggknndmfwr
$M7_{1209}$	5.1130886124	0.1482127897	Z	Z/2	0.14	c	1214	hofabbcbegffgaabgqakg
$M7_{1210}$	5.1130886124	0.0648794564	Z	Z/2	0.14	c	1215	hofabbcbgggffaabaqhaf
$M7_{1211}$	5.1136967933	0.2416444206	Z	Z/2	0.18	c	1216	hgfadbcbefgfgaabbxqng
$M7_{1212}$	5.1148414603	0.1696668403	Z	D2	0.14	c	1217	hnjaebadefgggafbqiidi
$M7_{1213}$	5.1157002718	0.0697142022	Z	Z/2	0.25	c	1218	hboakaeedefggfahaqqqn
$M7_{1214}$	5.1157580380	0.1954465028	Z	Z/2	0.34	c	1219	hkoabacdegffgnkakuboo
$M7_{1215}$	5.1160613008	0.1618194649	Z	Z/2	0.14	c	1220	hnkababdfegggnabegnbv
$M7_{1216}$	5.1169000490	0.0924051375	Z/2+Z	Z/2	0.19	c	1221	hblakacdedfggknhxgaaf
$M7_{1217}$	5.1185215370	0.0947542811	Z/2+Z	Z/2	0.28	c	1222	hfdadbcdefgfgaaaahqkn
$M7_{1218}$	5.1185286278	0.0907566699	Z/2+Z	Z/2	0.24	c	1223	hboajacedfeggfnhaqgqn
$M7_{1219}$	5.1205069442	0.1150306210	Z	Z/2	0.19	c	1224	hblajacdefeggfraaabab
$M7_{1220}$	5.1207853027	0.0864866498	Z	D2	0.13	c	1225	hhjabbadegfgghkfhffwr
$M7_{1221}$	5.1215812657	0.0343689713	Z	Z/2	0.35	c	1226	hblajacdefeggfnxxafaf
$M7_{1222}$	5.1242435875	0.2324598930	Z	Z/2	0.36	c	1227	hglaccceegffgmfetqgbk
$M7_{1223}$	5.1257364578	0.2434011971	Z	Z/2	0.33	c	1228	hjlabacdfefggfnxngstg
$M7_{1224}$	5.1273136230	0.0847440530	Z/24+Z	D2	0.13	c	1229	hnkaeabdfegfgfhgqqqko
$M7_{1225}$	5.1274142409	0.2162670617	Z/2+Z	Z/2	0.23	c	1230	hgfadbcbefgfgaabbxanf
$M7_{1226}$	5.1276500188	0.2189854044	Z	D2	0.13	c	1231	hkoabacdegfggfkakpslt
$M7_{1227}$	5.1292466299	0.1459065543	Z	Z/2	0.13	c	1232	hofabbcbegffgaabgqafo
$M7_{1228}$	5.1304956057	0.1068476425	Z	Z/2	0.13	c	1233	hgkadabcegffgfaqvxqnf
$M7_{1229}$	5.1304956057	0.1901809758	Z	Z/2	0.13	c	1234	hokacabcfgffgfaqhxaqg
$M7_{1230}$	5.1308835846	0.2378139653	Z	Z/2	0.23	c	1235	hblajacdefeggknhxhnhg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1231}$	5.1311334205	0.2488228301	Z/3+Z	D2	0.13	c	1236	hnkababdefgggfhgqwwsj
$M7_{1232}$	5.1320525359	0.1654333795	Z/6+Z	D2	0.13	c	1237	hnkababdefgggfhgqwwcj
$M7_{1233}$	5.1327930777	0.2372103404	Z/2+Z	Z/2	0.13	c	1238	hhkaeabfefgfgfhimqgff
$M7_{1234}$	5.1361147128	0.2236706764	Z	Z/2	0.13	c	1239	hcoakacdedfggfkhhfhan
$M7_{1235}$	5.1370316689	0.0762030312	Z	Z/2	0.30	c	1240	hknaibbdefegghgkxafaf
$M7_{1236}$	5.1379412019	0.2282733061	Z/6+Z	Z/2	0.33	c	1241	hpjaabagfegfgafhhaojj
$M7_{1237}$	5.1381063217	0.2244281383	Z	Z/2	0.18	c	1242	hblakacdedfggknhagqqb
$M7_{1238}$	5.1402065631	0.0787606918	Z	D2	0.12	c	1243	hnjaebadefgggafbqiidx
$M7_{1239}$	5.1415551455	0.1560594773	Z/5+Z	Z/2	0.18	c	1244	hcoafacdefgfgnkahqqok
$M7_{1240}$	5.1418504410	0.0125201374	Z	Z/2	0.32	c	1245	hcoakacdedfggfkhhghhg
$M7_{1241}$	5.1422454144	0.2174048725	Z	Z/2	0.24	c	1246	hblakacdedfggfnhagaab
$M7_{1242}$	5.1422824715	0.1986771634	Z/2+Z	Z/2	0.27	c	1247	hblakacdedfggknaxbaaf
$M7_{1243}$	5.1438915988	0.1760972105	Z	Z/2	0.12	c	1248	hokacabcegffgfaqvxhff
$M7_{1244}$	5.1459299204	0.1290743026	Z/4+Z	Z/2	0.33	c	1249	hlkaiabeefeggfaahxqqf
$M7_{1245}$	5.1486367423	0.0699249494	Z	Z/2	0.23	c	1250	hblajacdefeggknaxanab
$M7_{1246}$	5.1500859155	0.1444040235	Z/4+Z	Z/2	0.28	c	1251	hflacacefegfgknagkigg
$M7_{1247}$	5.1518123304	0.2366076684	Z	Z/2	0.22	c	1254	hddajbcdefeggaahhqbqn
$M7_{1248}$	5.1522318666	0.2030294335	Z	Z/2	0.17	c	1255	hblajaddeefggkmxekfak
$M7_{1249}$	5.1549263093	0.0157224346	Z/26+Z	D2	0.12	c	1256	hlkaeabdfegfgfhohhhng
$M7_{1250}$	5.1585298101	0.1342550200	Z/2+Z	Z/2	0.17	c	1257	hblajaddeefggkmxekfqf
$M7_{1251}$	5.1588692990	0.1508372852	Z/6+Z	D2	0.11	c	1258	hlkababdefgggfhohssrw
$M7_{1252}$	5.1592148275	0.2342217882	Z/3+Z	D2	0.11	c	1259	hlkababdefgggfhohsscw
$M7_{1253}$	5.1609548650	0.1680979554	Z	Z/2	0.28	c	1260	hnkaiabdfeeggfhghhfhg
$M7_{1254}$	5.1614854261	0.1910951369	Z	Z/2	0.42	c	1261	hknaibbdefegghgkhhghk
$M7_{1255}$	5.1620464586	0.1566709353	Z	Z/2	0.35	c	1262	hnfaibcdefegghhhoofab
$M7_{1256}$	5.1621342201	0.1780873004	Z/2+Z	Z/2	0.11	c	1265	hokacabcegffgfaqvxhkg
$M7_{1257}$	5.1621342201	0.0947539671	Z/2+Z	Z/2	0.11	c	1266	hokacabcfgffgfaqqxahf
$M7_{1258}$	5.1625181819	0.0989710757	Z	Z/2	0.17	c	1267	hofabbcbgggffaabaqhxn
$M7_{1259}$	5.1636802430	0.0890380897	Z	Z/2	0.68	c	1268	hbhafdceefggghgaqlnsc
$M7_{1260}$	5.1658350969	0.1199430045	Z	Z/2	0.17	c	1269	hboakadeddfggfhhaqhhg
$M7_{1261}$	5.1678232252	0.0652843799	Z/3+Z	Z/2	0.15	c	1270	hojababcfggfgbqqexpuo
$M7_{1262}$	5.1689142133	0.1270498432	Z	Z/2	0.17	c	1271	hcoafacdefgfgnkaaqqof
$M7_{1263}$	5.1692881405	0.2251477788	Z	Z/2	0.10	c	1272	hgkadabcefgfgfhqsqxok
$M7_{1264}$	5.1692881405	0.1418144455	Z	Z/2	0.10	c	1273	hokacabcffgfgfhqahxqb
$M7_{1265}$	5.1697795393	0.1721613425	Z	D2	0.11	c	1274	hhjaebadfeggghkfphllp
$M7_{1266}$	5.1706740782	0.0171235805	Z/12+Z	D2	0.45	c	1276	hfdafbcdefgggaaaaqqgb
$M7_{1267}$	5.1706740782	0.2328764195	Z/16+Z	D2	0.45	c	1277	hfdafbcdefgggaaaaqqrw
$M7_{1268}$	5.1706740782	0.1004569138	Z/12+Z	Z/2	0.26	c	1275	hblakacdedfggkrxafaab
$M7_{1269}$	5.1713421943	0.0514690669	Z	Z/2	0.22	c	1278	hbpaiceffdfggrkxdgdqf
$M7_{1270}$	5.1741120968	0.2417432411	Z	Z/2	0.32	c	1279	hblafacdefgfgknhahqkg
$M7_{1271}$	5.1744121942	0.0041875453	Z	Z/2	0.15	c	1280	hokababcggffgfaqtttmc

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1272}$	5.1753285066	0.0671985676	Z	Z/2	0.31	c	1281	hlkaiabefeeggfhqxahhk
$M7_{1273}$	5.1761160387	0.2094155235	Z/2+Z	Z/2	0.25	c	1282	hnkaiabdfeeggfhgxxohk
$M7_{1274}$	5.1775325683	0.0976963446	Z/2+Z	Z/2	0.24	c	1283	hblakacdedfggknahbqqo
$M7_{1275}$	5.1808061672	0.2268268392	Z	Z/2	0.28	c	1286	hlkaiabdfeeggfhoqqbqf
$M7_{1276}$	5.1832258634	0.1491953825	Z	Z/2	0.16	c	1287	hlkacabdfegggfanefwwn
$M7_{1277}$	5.1839516108	0.2475079735	Z/2+Z	Z/2	0.10	c	1290	hgjadabcegffgfhhvxqbg
$M7_{1278}$	5.1869212851	0.2427136001	Z	D2	0.09	c	1295	hnkababdefgggfhgqrrwr
$M7_{1279}$	5.1875380296	0.1274540344	Z	Z/2	0.25	c	1296	hblakacdedfggfraabaab
$M7_{1280}$	5.1886315629	0.1595074725	Z	D2	0.09	c	1297	hnkababdefgggfhgqggsj
$M7_{1281}$	5.1890215363	0.2425120332	Z	Z/2	0.09	c	1298	hojababcegffgfhhfqhfb
$M7_{1282}$	5.1890215363	0.1741546334	Z	Z/2	0.09	c	1299	hojababcgggffbqqaqhaf
$M7_{1283}$	5.1890499534	0.1437111206	Z	Z/2	0.27	c	1300	hknaebbdefgfghgkxaabb
$M7_{1284}$	5.1895939656	0.1738517352	Z	Z/2	0.28	c	1301	hknaebbdefgfghgkahqgg
$M7_{1285}$	5.1905629801	0.1567572110	Z/2+Z	D2	0.09	c	1302	hlkababdefgggfhohjjsj
$M7_{1286}$	5.1912737585	0.2492220023	Z	Z/2	0.09	c	1303	hgjadabcegffgfhhvxqnf
$M7_{1287}$	5.1912737585	0.1658886690	Z	Z/2	0.09	c	1304	hojababcfgffgbqqqxhan
$M7_{1288}$	5.1917353826	0.1189525463	Z	Z/2	0.20	c	1305	hblakacdedfggfnhagqqb
$M7_{1289}$	5.1921154859	0.2117676468	Z	Z/2	0.14	c	1306	hokababcffgggfaquuiuc
$M7_{1290}$	5.1927983909	0.2399986823	Z/2+Z	D2	0.09	c	1307	hlkababdefgggfhohoowr
$M7_{1291}$	5.1947753723	0.1368618034	Z	Z/2	0.28	c	1308	hfdadbcdefgfgqqqqhhgo
$M7_{1292}$	5.1959911308	0.1499869843	Z	Z/2	0.29	c	1309	hhjaibaefeeggafqqhahk
$M7_{1293}$	5.1961420753	0.1867207358	Z	Z/2	0.09	c	1310	hokababcegffgfaqbqhfb
$M7_{1294}$	5.1961420753	0.1033874024	Z	Z/2	0.09	c	1311	hokababcgggfffaqhaqhk
$M7_{1295}$	5.1992863335	0.1216517032	Z	Z/2	0.15	c	1312	hofabbcbegffgaabgqqfg
$M7_{1296}$	5.2003442953	0.0413216909	Z	Z/2	0.40	c	1313	hnfaebcdefgfgaaakkqbf
$M7_{1297}$	5.2006477948	0.1523329320	Z	Z/2	0.08	c	1314	hokacabcegffgfhqsxakk
$M7_{1298}$	5.2012391962	0.1520449569	Z/5+Z	D2	0.61	c	1315	hnfabbcdefgggaaavbmdp
$M7_{1299}$	5.2012391962	0.0979550431	Z/3+Z	D2	0.61	c	1316	hnfabbcdffgggaaakbutl
$M7_{1300}$	5.2014829600	0.0743261724	Z	Z/2	0.34	c	1317	hblakacdedfggfnaabaab
$M7_{1301}$	5.2051265130	0.0984423490	Z	Z/2	0.08	c	1318	hokababcegffgfaqfqhfb
$M7_{1302}$	5.2051265130	0.1817756824	Z	Z/2	0.08	c	1319	hokababcffgfgfaqqaqhn
$M7_{1303}$	5.2056726206	0.1356017547	Z/2+Z	Z/2	0.24	c	1320	hhjaebadfegfghkfqhhng
$M7_{1304}$	5.2057658343	0.1756435422	Z/2+Z	Z/2	0.14	c	1321	hblakacdedfggknhagqhf
$M7_{1305}$	5.2058857428	0.0644043427	Z/11+Z	Z/2	0.25	c	1322	hboajacedfeggfnhaqoqn
$M7_{1306}$	5.2064217408	0.0982097581	Z	Z/2	0.14	c	1323	hgfadbcbefgfgaabsqqog
$M7_{1307}$	5.2064384602	0.1868580272	Z	Z/2	0.20	c	1324	hblakacdedfggfnhagqhk
$M7_{1308}$	5.2081853869	0.1968481017	Z	Z/2	0.14	c	1325	hblakacdedfggknhagaan
$M7_{1309}$	5.2103032147	0.1072278085	Z	Z/2	0.38	c	1326	hblafacdefgfgfnxhaqnn
$M7_{1310}$	5.2113194496	0.1508884936	Z	Z/2	0.08	c	1329	hokacabcegffgfhqsxafb
$M7_{1311}$	5.2113194496	0.2342218269	Z	Z/2	0.08	c	1330	hokacabcffgfgfhqqhxak
$M7_{1312}$	5.2115033347	0.0489366056	Z	Z/2	0.19	c	1331	hblajaddeefggfmxekfak

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1313}$	5.2117058301	0.1530810527	Z	Z/2	0.28	c	1332	hnfaibcdefegghhhfofab
$M7_{1314}$	5.2125668223	0.1033600126	Z/4+Z	Z/2	0.38	c	1333	hknaibbdefeggabwaxbab
$M7_{1315}$	5.2128314907	0.2434453800	Z	Z/2	0.08	c	1334	hcoakacdedfggfkhafaan
$M7_{1316}$	5.2152173865	0.1694413523	Z	Z/2	0.08	c	1337	hojababcegffgfhhbqhfb
$M7_{1317}$	5.2152173865	0.2472253144	Z	Z/2	0.08	c	1338	hojababcgggfffhhhaqhk
$M7_{1318}$	5.2157109645	0.1856268439	Z/2+Z	Z/2	0.07	c	1339	hokababcegffgfaqbqhkn
$M7_{1319}$	5.2159548914	0.2448045547	Z/2+Z	D2	0.08	c	1340	hnkaeabdfegggfhgdqdix
$M7_{1320}$	5.2164695474	0.1415432834	Z/9+Z	Z/2	0.12	c	1341	hojababcfgfggbqqtxllc
$M7_{1321}$	5.2178101837	0.1973679522	Z	Z/2	0.13	c	1342	hlkababdeffggfholfwkb
$M7_{1322}$	5.2182117789	0.2191367355	Z/2+Z	Z/2	0.13	c	1343	hnkababdfegggnabmfvbv
$M7_{1323}$	5.2186055401	0.1371992140	Z/3+Z	Z/2	0.12	c	1344	hgjadabcegffgfhhghhff
$M7_{1324}$	5.2186768594	0.2073848155	Z	Z/2	0.12	c	1345	hokacabcegffgfaqoqqbb
$M7_{1325}$	5.2192746594	0.1292560015	Z	Z/2	0.29	c	1348	hnfaibcdefegghhhfffhk
$M7_{1326}$	5.2200480614	0.0996322824	Z	Z/2	0.07	c	1349	hokababcegffgfaqfqhkn
$M7_{1327}$	5.2205766670	0.2487766069	Z	Z/2	0.30	c	1352	hpkaaabfegfggfaqhhbww
$M7_{1328}$	5.2226807742	0.0686432059	Z	Z/2	0.23	c	1353	hboajacedfeggnnhaqgqn
$M7_{1329}$	5.2234640561	0.1549652759	Z	D2	0.07	c	1354	hlkaeabdfegggfhodhlmh
$M7_{1330}$	5.2235114690	0.0467259343	Z	Z/2	0.29	c	1355	hblakacdedfggknhhoqqo
$M7_{1331}$	5.2244936643	0.1524980562	Z	Z/2	0.33	c	1356	hblakacdedfggfnaabqqn
$M7_{1332}$	5.2249395361	0.0080865487	Z	Z/2	0.11	c	1357	hgkadabcegffgfaqghhff
$M7_{1333}$	5.2251628799	0.1047431267	Z	Z/2	0.27	c	1358	hhjaebadfegfgafkqahog
$M7_{1334}$	5.2253765849	0.1644423307	Z	Z/2	0.11	c	1359	hokababcgfgfgfhquuupj
$M7_{1335}$	5.2255155737	0.1706643585	Z/2+Z	Z/2	0.07	c	1360	hojababcegffgfhhbqhkn
$M7_{1336}$	5.2256995503	0.2394216110	Z	Z/2	0.11	c	1361	hgjadbacefgfghkhfxhfg
$M7_{1337}$	5.2259707090	0.1443210112	Z/2+Z	Z/2	0.07	c	1362	hokababcegffgfhqgqakg
$M7_{1338}$	5.2259707090	0.2276543445	Z/2+Z	Z/2	0.07	c	1363	hokababcgggfffhqaqhaf
$M7_{1339}$	5.2264399071	0.2055483423	Z	Z/2	0.13	c	1364	hddakbcdedfggqqaabaan
$M7_{1340}$	5.2272540460	0.1389469814	Z	Z/2	0.26	c	1365	hkoabacdegffgfkakuboo
$M7_{1341}$	5.2276137714	0.0645168793	Z	Z/2	0.31	c	1366	hfdadbcdefgfgqqqqahbo
$M7_{1342}$	5.2283482728	0.0672025184	Z/12+Z	D2	0.55	c	1367	hclafccdefgggmfkeqapi
$M7_{1343}$	5.2283482728	0.1827974816	Z/4+Z	D2	0.55	c	1368	hclafccdefgggmfkeqate
$M7_{1344}$	5.2288274818	0.0642394162	Z/8+Z	Z/2	0.18	c	1369	hblakacdedfggfnhxgaaf
$M7_{1345}$	5.2291906432	0.0834481062	Z	Z/2	0.26	c	1370	hhjaebadfegfghkfqhabb
$M7_{1346}$	5.2311538659	0.0944494112	Z/14+Z	D2	0.36	c	1373	hddafbcdefgfgaahhqqof
$M7_{1347}$	5.2311922308	0.0648990283	Z	Z/2	0.27	c	1374	hnfaibcdefegghhhfffqb
$M7_{1348}$	5.2321237695	0.0195004864	Z/8+Z	Z/2	0.18	c	1375	hblajaddeefggfmxekfqf
$M7_{1349}$	5.2327672885	0.0397893141	Z	Z/2	0.11	c	1376	hofacbcbegffgaabnaxbn
$M7_{1350}$	5.2328096015	0.2316930847	Z	Z/2	0.24	c	1377	hhkababeeffggnatttjnf
$M7_{1351}$	5.2328361792	0.0926305335	Z/2+Z	Z/2	0.22	c	1378	hbnajacedfeggffhhafaf
$M7_{1352}$	5.2363487272	0.0623202758	Z/3+Z	Z/2	0.11	c	1381	hgjadabcefgfgbqqbaann
$M7_{1353}$	5.2380521237	0.1647011251	Z/7+Z	Z/2	0.24	c	1382	hhkaeabffegfgfhtttgcn

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$M7_{1354}$	5.2380720211	0.2314150776	Z/2+Z	Z/2	0.06	c	1383	hokababcegffgfhqkqakg
$M7_{1355}$	5.2380720211	0.1480817443	Z/2+Z	Z/2	0.06	c	1384	hokababcfgffgfhqqqhao
$M7_{1356}$	5.2391556703	0.0903591282	Z	Z/2	0.21	c	1385	hddajacedfeggkohhqfqo
$M7_{1357}$	5.2395440263	0.2287976396	Z	Z/2	0.12	c	1386	hblajacdefeggknaxafan
$M7_{1358}$	5.2396022450	0.1311013612	Z	Z/2	0.11	c	1387	hddajacedfeggfkaaqkqb
$M7_{1359}$	5.2397401320	0.2298817950	Z	Z/2	0.17	c	1388	hofabbcbegffgaabgxafn
$M7_{1360}$	5.2408176941	0.2027207255	Z/2+Z	Z/2	0.12	c	1389	hokacabcegffgfhqgqakg
$M7_{1361}$	5.2410805732	0.0075938238	Z	Z/2	0.26	c	1392	hhjabbaefefggafpdabnf
$M7_{1362}$	5.2413146947	0.2269765448	Z	Z/2	0.12	c	1393	hboakadeddfggfhhaqqqg
$M7_{1363}$	5.2416284950	0.1353143090	Z/2+Z	Z/2	0.12	c	1394	hokababcgggfffaqhaqxo
$M7_{1364}$	5.2423380122	0.1451304957	Z	Z/2	0.06	c	1395	hokababcegffgfhqgqafo
$M7_{1365}$	5.2440537502	0.1004965456	Z	Z/2	0.35	c	1396	hcoajacdefeggfkahqfqn
$M7_{1366}$	5.2447218516	0.0691716313	Z/3+Z	Z/2	0.25	c	1397	hnjaebadefgfgafbqqqgn
$M7_{1367}$	5.2450256850	0.0958517322	Z	Z/2	0.42	c	1398	hcpaideffdfggckpabuqf
$M7_{1368}$	5.2453407051	0.1490727076	Z/2+Z	Z/2	0.31	c	1399	hblakacdedfggknaakqqn
$M7_{1369}$	5.2455448197	0.0924181148	Z	Z/2	0.26	c	1400	hhjaibafffeggafaqhahg
$M7_{1370}$	5.2468145737	0.1923648075	Z	Z/2	0.20	c	1401	hboajacedfeggnohaqoqn
$M7_{1371}$	5.2471495895	0.0300784515	Z	Z/2	0.17	c	1402	hblakacdedfggfnhagahg
$M7_{1372}$	5.2478700079	0.1075241986	Z	Z/2	0.26	c	1403	hhjaibadfeeggafkqakqn
$M7_{1373}$	5.2481015463	0.2304783562	Z	Z/2	0.05	c	1404	hokababcegffgfhqkqafo
$M7_{1374}$	5.2487862796	0.0416525661	Z	Z/2	0.10	c	1407	hokababcfgfggfhqtdttj
$M7_{1375}$	5.2490876608	0.1734786146	Z/6+Z	Z/2	0.49	c	1408	hbpaieffdedggnqxngnkg
$M7_{1376}$	5.2501536601	0.2026909049	Z/2+Z	Z/2	0.16	c	1409	hofacbcbegffgaabnaqgf
$M7_{1377}$	5.2505440510	0.1805780238	Z	Z/2	0.11	c	1412	hlkacabdfegggfholkwwo
$M7_{1378}$	5.2513860399	0.1882188631	Z/2+Z	Z/2	0.21	c	1413	hkoabacdegffgfkaklbgf
$M7_{1379}$	5.2522578750	0.1566638704	Z/2+Z	Z/2	0.11	c	1416	hokacabcfgffgfaqhhaqf
$M7_{1380}$	5.2529420486	0.0779682389	Z/2+Z	Z/2	0.16	c	1417	hofacbcbegffgaabnqxbf
$M7_{1381}$	5.2533361985	0.1250360576	Z	Z/2	0.21	c	1418	hgfadbcbefgfgaabbxann
$M7_{1382}$	5.2554039168	0.0789826982	Z	Z/2	0.26	c	1419	hnjaebadfegfghkghhafb
$M7_{1383}$	5.2562761940	0.0298200375	Z/2+Z	Z/2	0.27	c	1420	hpjaaabfgegfgbahqqrrb
$M7_{1384}$	5.2569011138	0.0136643315	Z	Z/2	0.26	c	1421	hknaibbdefegghgkhhfhf
$M7_{1385}$	5.2571477830	0.0745324186	Z	Z/2	0.46	c	1422	hhlaacefeffggexmueqof
$M7_{1386}$	5.2571785606	0.2231737595	Z	Z/2	0.16	c	1423	hboakaeedefggfahaqaab
$M7_{1387}$	5.2580197352	0.2062951412	Z	Z/2	0.11	c	1424	hblajacdefeggknhxhfho
$M7_{1388}$	5.2588141043	0.1711862180	Z	Z/2	0.37	c	1425	hbpaccefffgegrkxddqkn
$M7_{1389}$	5.2592502583	0.1583061237	Z/2+Z	Z/2	0.11	c	1426	hokababcegffgfaqbqqkb
$M7_{1390}$	5.2596100268	0.1584716053	Z	Z/2	0.20	c	1427	hblakacdedfggknaabahg
$M7_{1391}$	5.2596921656	0.1535669951	Z/2+Z	Z/2	0.11	c	1428	hokababcegffgfaqbxhkg
$M7_{1392}$	5.2604085745	0.1311668636	Z/5+Z	Z/2	0.10	c	1429	hokababcegffgfaqfqxon
$M7_{1393}$	5.2604450883	0.1495126802	Z/5+Z	Z/2	0.11	c	1430	hokababcffgfgfaqqaxhg
$M7_{1394}$	5.2612543899	0.0229588536	Z	Z/2	0.66	c	1431	hfhaebefdffggqqdfdwgb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1395}$	5.2616273777	0.0382488102	Z	Z/2	0.09	c	1432	hokacabcegffgfhqnqqgg
$M7_{1396}$	5.2627500483	0.1941142746	Z	Z/2	0.30	c	1433	hhjaibadfeegghkfxqbhf
$M7_{1397}$	5.2628049934	0.0369678284	Z	Z/2	0.26	c	1434	hlkaiabefeeggfhhxaqqk
$M7_{1398}$	5.2632360083	0.2240414823	Z	Z/2	0.10	c	1435	hojababcegffgfhhfqxon
$M7_{1399}$	5.2638679157	0.2472669850	Z/7+Z	Z/2	0.29	c	1436	hfdadbcdefgfgqqqqhagn
$M7_{1400}$	5.2640607480	0.2021407638	Z	Z/2	0.09	c	1437	hokacabcegffgfaqohxon
$M7_{1401}$	5.2640874695	0.2166424682	Z/7+Z	Z/2	0.29	c	1438	hnjaebadefgfgafbqqhgk
$M7_{1402}$	5.2648282094	0.0575765964	Z/2+Z	Z/2	0.16	c	1439	hofabbcbgggffaabaqhxb
$M7_{1403}$	5.2653555435	0.2016582309	Z/2+Z	Z/2	0.10	c	1440	hojababcegffgfhhbxhkg
$M7_{1404}$	5.2658114309	0.0693444872	Z	Z/2	0.09	c	1443	hgjadabcegffgfhhgqxob
$M7_{1405}$	5.2659331723	0.0591700059	Z	Z/2	0.19	c	1444	hblakacdedfggknaabqhk
$M7_{1406}$	5.2673840105	0.1281713217	Z	Z/2	0.10	c	1445	hokacabcfgffgfaqqqahb
$M7_{1407}$	5.2684333944	0.0374017213	Z/2+Z	Z/2	0.27	c	1446	hblafacdefgfgknaaaqfg
$M7_{1408}$	5.2691857091	0.0565035978	Z	Z/2	0.15	c	1447	hgfadbcbefgfgaabsqqof
$M7_{1409}$	5.2694018377	0.0796473245	Z	Z/2	0.33	c	1448	hnfaibcdefegghhhoffqk
$M7_{1410}$	5.2700478621	0.1616705505	Z	Z/2	0.09	c	1449	hgkadabcefgfgfhqbaann
$M7_{1411}$	5.2709760300	0.2240515624	Z/2+Z	Z/2	0.16	c	1450	hofabbcbegffgaabgqqgg
$M7_{1412}$	5.2710005944	0.0190045838	Z/4+Z	Z/2	0.15	c	1451	hblakacdedfggfnhagqhf
$M7_{1413}$	5.2711775973	0.1968833674	Z	Z/2	0.15	c	1452	hlkacabdfegggfanegwwn
$M7_{1414}$	5.2724967962	0.0732117255	Z	Z/2	0.29	c	1453	hblafacdefgfgknaaaafk
$M7_{1415}$	5.2731070119	0.1356255244	Z/2+Z	Z/2	0.10	c	1454	hgkadabcegffgfaqvqqnb
$M7_{1416}$	5.2740819686	0.1089886954	Z/3+Z	Z/2	0.19	c	1455	hgjadbacefgfghkhfaabk
$M7_{1417}$	5.2798320004	0.1961624721	Z	Z/2	0.09	c	1456	hokababcgggfffhqaqhxn
$M7_{1418}$	5.2802975030	0.1268190477	Z	Z/2	0.09	c	1457	hokababcegffgfaqfhhfn
$M7_{1419}$	5.2804437384	0.2203611150	Z/2+Z	Z/2	0.09	c	1458	hojababcgggfffhhhaqxo
$M7_{1420}$	5.2816838793	0.0017238971	Z	Z/2	0.08	c	1459	hokacabcegffgfaqohxgf
$M7_{1421}$	5.2817474233	0.0901094738	Z	Z/2	0.18	c	1460	hblafacdefgfgknaaaakf
$M7_{1422}$	5.2826239504	0.1424899683	Z/2+Z	Z/2	0.34	c	1461	hblafacdefgfgknaxaafb
$M7_{1423}$	5.2833373598	0.1862812159	Z/6+Z	Z/2	0.25	c	1462	hapajdecdefggnvvnvqan
$M7_{1424}$	5.2844222947	0.1989878548	Z/2+Z	Z/2	0.09	c	1463	hojababcfgffgbqqqqhag
$M7_{1425}$	5.2853474500	0.1303309191	Z	Z/2	0.28	c	1464	hnkaiabdfeeggfhgxxghk
$M7_{1426}$	5.2857969870	0.0122577379	Z/9+Z	Z/2	0.08	c	1465	hgkadabcegffgfaqgqxgk
$M7_{1427}$	5.2860951585	0.1596455402	Z	Z/2	0.31	c	1466	hknaibbdefegghgkxhfhk
$M7_{1428}$	5.2861624880	0.2015104419	Z/3+Z	Z/2	0.24	c	1467	hbhakdcdedfggafkakaab
$M7_{1429}$	5.2874368985	0.0868886444	Z	Z/2	0.31	c	1468	hhjaeabdfegfgfqgxaabb
$M7_{1430}$	5.2879362705	0.2474252130	Z/2+Z	Z/2	0.26	c	1469	hcoakacdedfggfkxafaab
$M7_{1431}$	5.2889375072	0.2205119104	Z/2+Z	Z/2	0.47	c	1470	hdlabbeffefggplpxhifn
$M7_{1432}$	5.2892174067	0.2043682843	Z/8+Z	Z/2	0.18	c	1471	hnkaeabdfegfgfhghqqno
$M7_{1433}$	5.2893129397	0.1495598736	Z/5+Z	Z/2	0.09	c	1472	hokacabcegffgfaqvhhkf
$M7_{1434}$	5.2897551902	0.1746345704	Z	Z/2	0.09	c	1473	hokacabcffgfgfhqahaqn
$M7_{1435}$	5.2897687403	0.1483913868	Z	Z/2	0.14	c	1474	hlkababdeffggfholfwkn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1436}$	5.2903020543	0.0906290760	Z	Z/2	0.24	c	1475	hnfaibcdefegghhhfofhg
$M7_{1437}$	5.2903244766	0.0339594622	Z	Z/2	0.07	c	1476	hokacabcegffgfhqnaxnf
$M7_{1438}$	5.2906656082	0.1655155269	Z/3+Z	Z/2	0.22	c	1477	hjlaccdedfgfgenqbgvgn
$M7_{1439}$	5.2910308000	0.0413613211	Z	Z/2	0.27	c	1478	hnjaebadefgfgafbqaqnn
$M7_{1440}$	5.2929105512	0.1733181603	Z	Z/2	0.09	c	1479	hokababcegffgfhqgqqfg
$M7_{1441}$	5.2959180931	0.0399799432	Z	Z/2	0.14	c	1480	hblakacdedfggfnhagaan
$M7_{1442}$	5.2962336304	0.1638574151	Z	Z/2	0.32	c	1481	hblafacdefgfgknhhhqkb
$M7_{1443}$	5.2966193699	0.2127506686	Z/3+Z	Z/2	0.07	c	1482	hgkadabcegffgfaqgqxob
$M7_{1444}$	5.2970717235	0.0095615601	Z	Z/2	0.17	c	1483	hblakacdedfggknaabqqb
$M7_{1445}$	5.2983596495	0.1020657419	Z	Z/2	0.23	c	1484	hblafacdefgfgfnxhhqob
$M7_{1446}$	5.2991495630	0.1769994676	Z	Z/2	0.08	c	1485	hokababcegffgfhqgxafb
$M7_{1447}$	5.3002172165	0.1993185860	Z	Z/2	0.08	c	1486	hokababcegffgfhqkqxno
$M7_{1448}$	5.3003598751	0.1979480241	Z/2+Z	Z/2	0.08	c	1487	hojababcegffgfhhbqqkb
$M7_{1449}$	5.3008228816	0.0354206095	Z	Z/2	0.23	c	1488	hglaccceegffgmfethbfk
$M7_{1450}$	5.3014891350	0.1238847862	Z	Z/2	0.31	c	1489	hcnafbdedfgfgpoagtanb
$M7_{1451}$	5.3025811489	0.0983042360	Z	Z/2	0.21	c	1490	hlkaiabdfeeggfanxxnaf
$M7_{1452}$	5.3028637742	0.1734206973	Z/3+Z/3+Z	D2	0.36	c	1491	hapafddedfgggngknhqbg
$M7_{1453}$	5.3028637742	0.0765793027	Z/17+Z	D2	0.36	c	1492	hapafddedfgggngknhqwr
$M7_{1454}$	5.3042714598	0.0592366556	Z	Z/2	0.06	c	1493	hgjadabcefgfgbqqbqxob
$M7_{1455}$	5.3043707039	0.1958053146	Z	Z/2	0.08	c	1494	hgkadabcefgfgfhqsqqog
$M7_{1456}$	5.3050687640	0.1800321836	Z	Z/2	0.08	c	1495	hokababcfgffgfhqqxhab
$M7_{1457}$	5.3053107115	0.2206635945	Z/2+Z	Z/2	0.08	c	1496	hgjadabcegffgfhhvqqnb
$M7_{1458}$	5.3061296757	0.1667806135	Z	Z/2	0.06	c	1497	hokacabcegffgfhqnaxbn
$M7_{1459}$	5.3072161251	0.0886499392	Z	Z/2	0.60	c	1498	hdlabadffegggfxhogfcc
$M7_{1460}$	5.3085240597	0.0122798429	Z	Z/2	0.22	c	1499	hblafacdefgfgknhhhqfn
$M7_{1461}$	5.3089160569	0.0102373859	Z	Z/2	0.24	c	1500	hglaccceegffgmfethgbk
$M7_{1462}$	5.3091252692	0.0956642088	Z/2+Z	Z/2	0.12	c	1501	hgjadabcegffgfhhgqhfk
$M7_{1463}$	5.3097915167	0.2093259708	Z	Z/2	0.24	c	1502	hhkaeabffegfgfadqpwkn
$M7_{1464}$	5.3098319259	0.2015253874	Z	Z/2	0.08	c	1503	hokacabcffgfgfhqqhqag
$M7_{1465}$	5.3100995601	0.1413827311	Z	Z/2	0.06	c	1504	hgjadabcefgfgbqqbqxgk
$M7_{1466}$	5.3109551564	0.2214544020	Z/13+Z	Z/2	0.25	c	1505	hboajacedfeggnnhaqoqn
$M7_{1467}$	5.3120995262	0.0294183068	Z/2+Z	Z/2	0.12	c	1506	hgjadabcegffgfhhghxon
$M7_{1468}$	5.3123206605	0.0792169084	Z/4+Z	Z/2	0.22	c	1507	hblafacdefgfgknhhqqnn
$M7_{1469}$	5.3124604018	0.1092893701	Z/13+Z	Z/2	0.31	c	1508	hcoajacdefeggfkhhqfqf
$M7_{1470}$	5.3141021330	0.1265058567	Z/2+Z	Z/2	0.13	c	1509	hnkababdfegggnabmnvbv
$M7_{1471}$	5.3145944944	0.1165685506	Z	Z/2	0.12	c	1510	hboakaeedefggfahaqqqb
$M7_{1472}$	5.3157925469	0.0531716424	Z/2+Z	Z/2	0.23	c	1511	hcoakacdedfggfkxhfhhg
$M7_{1473}$	5.3160263454	0.1939976126	Z/2+Z	Z/2	0.16	c	1512	hlkaeabdfegfgfhoqhhkg
$M7_{1474}$	5.3162801040	0.1592234979	Z/3+Z	Z/2	0.44	c	1513	hndacbcdegfggqqqgmope
$M7_{1475}$	5.3162861803	0.1541669742	Z	Z/2	0.31	c	1514	hknaebbdefgfghgkxhagb
$M7_{1476}$	5.3167315100	0.1399802696	Z	Z/2	0.22	c	1515	hhjaibadfeeggafgqafhk

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1477}$	5.3177817499	0.0757750337	Z	Z/2	0.36	c	1516	hhjaebadfegfgafkaahng
$M7_{1478}$	5.3182577398	0.0376542699	Z/4+Z	Z/2	0.22	c	1517	hnfaibcdefegghhhfffhf
$M7_{1479}$	5.3193590408	0.0640230845	Z	Z/2	0.26	c	1518	hblakacdedfggknahkqqo
$M7_{1480}$	5.3194167379	0.1588011729	Z/3+Z	Z/2	0.05	c	1519	hgkadabcefgfgfhqbxqbf
$M7_{1481}$	5.3196671892	0.1725866821	Z	Z/2	0.30	c	1520	hknaibbdefeggabwaabaf
$M7_{1482}$	5.3198042016	0.0290017203	Z	Z/2	0.23	c	1521	hblakacdedfggkraabaab
$M7_{1483}$	5.3207667140	0.2024655524	Z	Z/2	0.07	c	1522	hokababcegffgfhqkaakf
$M7_{1484}$	5.3217551393	0.0506999500	Z	Z/2	0.12	c	1523	hgjadabcefgfgbqqjqqof
$M7_{1485}$	5.3227187090	0.1778671871	Z	Z/2	0.61	c	1525	hghaecceeffggenpxiokf
$M7_{1486}$	5.3227187090	0.2387994796	Z/2+Z	Z/2	0.24	c	1524	hblajacdefeggkrxaabaf
$M7_{1487}$	5.3233771441	0.1405688575	Z/4+Z	Z/2	0.12	c	1526	hokacabcegffgfhqgqakf
$M7_{1488}$	5.3233774064	0.0799868002	Z	Z/2	0.17	c	1527	hgjadbacefgfghkhfxafb
$M7_{1489}$	5.3235008585	0.1381837822	Z/8+Z	Z/2	0.26	c	1528	hblakacdedfggfnaxbaaf
$M7_{1490}$	5.3241028203	0.1660458302	Z/2+Z	Z/2	0.11	c	1529	hokacabcegffgfaqohqbn
$M7_{1491}$	5.3261046157	0.0420359308	Z/9+Z	Z/2	0.05	c	1530	hgkadabcefgfgfhqbxqng
$M7_{1492}$	5.3261226755	0.1799083189	Z	Z/2	0.06	c	1531	hokacabcegffgfhqsaafn
$M7_{1493}$	5.3270024144	0.0410463716	Z/2+Z	Z/2	0.11	c	1532	hokacabcegffgfaqoqxgk
$M7_{1494}$	5.3277894314	0.1388234864	Z	Z/2	0.17	c	1533	hofacbcbegffgaabnaqgn
$M7_{1495}$	5.3295852821	0.2475537122	Z	Z/2	0.74	c	1534	hbhafddceffgginvxiflg
$M7_{1496}$	5.3303429496	0.0500145948	Z/8+Z	Z/2	0.11	c	1535	hojababcgggffbqqaqhxb
$M7_{1497}$	5.3306083853	0.1868492337	Z	Z/2	0.12	c	1536	hokacabcfgffgfaqhhaqn
$M7_{1498}$	5.3311065446	0.1166232794	Z/4+Z	Z/2	0.11	c	1537	hojababcegffgfhhfhhff
$M7_{1499}$	5.3314979401	0.0656780620	Z	Z/2	0.66	c	1538	hdpaaegfdfgegkpibiukk
$M7_{1500}$	5.3334895669	0.2083333333	Z+Z	D2	0.35	c	1539	hfdadbcdefgfgaaaahhbb
$M7_{1501}$	5.3334895669	0.0416666667	Z/4+Z	D2	0.35	c	1540	hfdadbcdefgggaaaahhrw
$M7_{1502}$	5.3335601628	0.2322853521	Z	Z/2	0.31	c	1541	hbpaccefffgegrnxddqfn
$M7_{1503}$	5.3337217708	0.0114259656	Z/3+Z	Z/2	0.21	c	1542	hbhakdcdedfggafkhkhhg
$M7_{1504}$	5.3339155310	0.1072867415	Z	Z/2	0.33	c	1543	hknaebbdefgfghgkhaqbk
$M7_{1505}$	5.3354578245	0.0104727567	Z/2+Z	Z/2	0.15	c	1544	hcoafacdefgfgnkaaaqfg
$M7_{1506}$	5.3375130116	0.0264331662	Z	Z/2	0.25	c	1545	hhjaebadfegfghkfqhhno
$M7_{1507}$	5.3386577166	0.0197543914	Z	Z/2	0.11	c	1546	hgkadabcegffgfaqvqqnk
$M7_{1508}$	5.3394733412	0.0149554945	Z	Z/2	0.25	c	1547	hlkaiabdfeeggfanxqfaf
$M7_{1509}$	5.3395735336	0.0833705321	Z	Z/2	0.22	c	1548	hpkaaabefgfggfhaqagww
$M7_{1510}$	5.3400943882	0.0261330784	Z	Z/2	0.11	c	1549	hlkacabdfegggfholbwwo
$M7_{1511}$	5.3411062406	0.1749991225	Z	Z/2	0.18	c	1550	hhjaibadfeegghkfhxghg
$M7_{1512}$	5.3421676391	0.0489967238	Z/2+Z	Z/2	0.10	c	1551	hgkadabcegffgfaqgqhfk
$M7_{1513}$	5.3424127012	0.0509553134	Z	Z/2	0.24	c	1552	hjlaccdedfgfgenqbgkgg
$M7_{1514}$	5.3427222801	0.1269191971	Z	Z/2	0.42	c	1553	hdlabbeffgefgplpxqung
$M7_{1515}$	5.3427421902	0.0973254904	Z/3+Z	Z/2	0.21	c	1554	hghaecddfffggujjttcqb
$M7_{1516}$	5.3429456056	0.2465059401	Z	Z/2	0.21	c	1555	hblakacdedfggknhxoaaf
$M7_{1517}$	5.3432668312	0.1101890433	Z/2+Z	Z/2	0.14	c	1556	hcoafacdefgfgnkahaqfb

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$M7_{1518}$	5.3433394954	0.0204654170	Z	Z/2	0.10	c	1557	hokababcgggfffaqhaqxg
$M7_{1519}$	5.3442628872	0.1739428011	Z/10+Z	Z/2	0.10	c	1558	hgkadabcegffgfaqghxon
$M7_{1520}$	5.3445171574	0.0882001504	Z/2+Z	Z/2	0.20	c	1559	hnkaeabdfegfgfhvxqqgo
$M7_{1521}$	5.3451155181	0.1870983063	Z	Z/2	0.11	c	1560	hokababcegffgfaqbqqbb
$M7_{1522}$	5.3460745572	0.0147894762	Z	Z/2	0.14	c	1561	hblakacdedfggknaxbaak
$M7_{1523}$	5.3475729569	0.2465011864	Z	Z/2	0.20	c	1562	hhjaebaffegfgafdqpbkf
$M7_{1524}$	5.3485702479	0.1842109856	Z	Z/2	0.18	c	1563	hhjaebadfegfghkfhhhfg
$M7_{1525}$	5.3491463246	0.0612137786	Z/16+Z	Z/2	0.25	c	1564	hblakacdedfggfnahbqqo
$M7_{1526}$	5.3492826686	0.1121724362	Z	Z/2	0.31	c	1565	hhjaibaefeeggafqqhaqn
$M7_{1527}$	5.3496510190	0.1529350743	Z	Z/2	0.18	c	1566	hnkaeabdfegfgfhghqaff
$M7_{1528}$	5.3501015296	0.1079508508	Z	Z/2	0.17	c	1567	hlkaeabdfegfgfanaxaff
$M7_{1529}$	5.3501925857	0.0282576665	Z	Z/2	0.10	c	1568	hokacabcfgffgfaqqqahk
$M7_{1530}$	5.3511344967	0.1411991938	Z	Z/2	0.24	c	1569	hblakacdedfggknaxkaaf
$M7_{1531}$	5.3517345727	0.0550007153	Z/2+Z	Z/2	0.13	c	1570	hokababcegffgfaqbxqkg
$M7_{1532}$	5.3521781825	0.0482835241	Z	Z/2	0.30	c	1571	hhjaebadfegfgafkqahgg
$M7_{1533}$	5.3548450567	0.0094614738	Z	Z/2	0.34	c	1572	hcoajacdefeggfkaaqkqn
$M7_{1534}$	5.3549313377	0.2437863174	Z	Z/2	0.17	c	1573	hnkaiabdfeeggfhgqxoqf
$M7_{1535}$	5.3564700023	0.1386569192	Z	Z/2	0.19	c	1574	hhjaebadfegfgafgqaagb
$M7_{1536}$	5.3566631681	0.1051916375	Z	Z/2	0.29	c	1575	hblafacdefgfgfraaaaff
$M7_{1537}$	5.3570153863	0.1420356145	Z	Z/2	0.21	c	1576	hhkababefefggnapdabvb
$M7_{1538}$	5.3570421468	0.0538785337	Z/14+Z	D2	0.33	c	1577	hfdafbcdefgggaaaaqqjs
$M7_{1539}$	5.3570421468	0.1961214663	Z/3+Z/6+Z	D2	0.33	c	1578	hfdafbcdefgggaaaaqqof
$M7_{1540}$	5.3576339646	0.1952131225	Z	Z/2	0.10	c	1579	hokacabcegffgfaqvhhkn
$M7_{1541}$	5.3585453342	0.2308210368	Z	Z/2	0.28	c	1580	hblafacdefgfgknhhhhkf
$M7_{1542}$	5.3587867912	0.2104690708	Z	Z/2	0.19	c	1581	hcoakacdedfggfkhagaab
$M7_{1543}$	5.3589138471	0.1945395170	Z/2+Z	Z/2	0.10	c	1582	hokababcffgfgfaqqaxho
$M7_{1544}$	5.3597562632	0.1844886856	Z	Z/2	0.34	c	1583	hknaibbdefegghgkxhkhk
$M7_{1545}$	5.3598719223	0.0024995956	Z/2+Z	Z/2	0.09	c	1584	hokacabcegffgfhqnaqgf
$M7_{1546}$	5.3600277178	0.1875630188	Z	Z/2	0.34	c	1585	hnfaebcdefgfgaaannhfg
$M7_{1547}$	5.3602576657	0.0568828941	Z	Z/2	0.21	c	1586	hglaccceegffgmfetqgbb
$M7_{1548}$	5.3606366142	0.2451172367	Z	Z/2	0.17	c	1587	hlkaeabdfegfgfhoqhabb
$M7_{1549}$	5.3609045236	0.0219607996	Z/2+Z	Z/2	0.09	c	1588	hgjadabcefgfgbqqbqaon
$M7_{1550}$	5.3612460450	0.0604076002	Z	Z/2	0.33	c	1589	hknaebbdefgfghgkhhqfk
$M7_{1551}$	5.3615803340	0.1906047723	Z/8+Z	Z/2	0.09	c	1590	hokababcegffgfaqbxhko
$M7_{1552}$	5.3616635168	0.1275152780	Z/2+Z	Z/2	0.08	c	1591	hokacabcegffgfhqnqxbf
$M7_{1553}$	5.3617494778	0.2236830815	Z	Z/2	0.19	c	1592	hcoakacdedfggfkhhgqqf
$M7_{1554}$	5.3617836937	0.0278836738	Z/2+Z	Z/2	0.10	c	1593	hokababcegffgfaqfhhff
$M7_{1555}$	5.3620588367	0.1029672971	Z/2+Z	Z/2	0.09	c	1594	hgjadabcefgfgbqqbaxfk
$M7_{1556}$	5.3627385342	0.0233347713	Z/2+Z	Z/2	0.19	c	1595	hhkaiabeefeggfhqaqhaf
$M7_{1557}$	5.3629003229	0.0446438719	Z	Z/2	0.21	c	1596	hblajacdefeggkraaabab
$M7_{1558}$	5.3630310009	0.0244464860	Z	Z/2	0.09	c	1597	hokababcegffgfaqfqxgn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1559}$	5.3631582185	0.1199419597	Z	Z/2	0.09	c	1598	hojababcegffgfhhfqxgn
$M7_{1560}$	5.3635162150	0.0861812930	Z	Z/2	0.13	c	1599	hblakacdedfggknahbqqg
$M7_{1561}$	5.3645719424	0.2206618284	Z	Z/2	0.31	c	1600	hhjaibadfeegghkfqqbqg
$M7_{1562}$	5.3647861035	0.0123925750	Z	Z/2	0.36	c	1601	hdlabbeffgefgplpxquog
$M7_{1563}$	5.3659155426	0.1607090092	Z	Z/2	0.13	c	1602	hokababcegffgfaqfhxon
$M7_{1564}$	5.3662943043	0.1654364411	Z/2+Z	Z/2	0.29	c	1603	hddafbcdefgfgqqaaaqfo
$M7_{1565}$	5.3664242406	0.1561970995	Z/2+Z	Z/2	0.13	c	1604	hgkadabcegffgfaqvqhnb
$M7_{1566}$	5.3665395681	0.0779232712	Z	Z/2	0.35	c	1605	hnfaebcdefgfgaaaknqff
$M7_{1567}$	5.3673431644	0.0462594432	Z/2+Z	Z/2	0.09	c	1606	hojababcegffgfhhbxhko
$M7_{1568}$	5.3677721730	0.0183583158	Z/2+Z	Z/2	0.09	c	1607	hokacabcffgfgfhqahaqf
$M7_{1569}$	5.3683275098	0.1407501074	Z	Z/2	0.14	c	1608	hboajacedfeggfnhaaoab
$M7_{1570}$	5.3684397536	0.2149775034	Z/3+Z	Z/2	0.13	c	1609	hgjadabcegffgfhhghhnf
$M7_{1571}$	5.3688821827	0.1924056081	Z	Z/2	0.30	c	1610	hnfaebcdefgfgaaankhbg
$M7_{1572}$	5.3691295420	0.0273204143	Z	Z/2	0.23	c	1611	hlkaiabdfeeggfhoxxoqk
$M7_{1573}$	5.3704963802	0.0426721061	Z	Z/2	0.09	c	1612	hojababcfgffgbqqqqhao
$M7_{1574}$	5.3707691965	0.0915122526	Z	Z/2	0.32	c	1613	hddafacedfgfgfkaaqqof
$M7_{1575}$	5.3719812452	0.0433966980	Z/11+Z	Z/2	0.34	c	1614	hlkaiabdfeeggfanqqfqk
$M7_{1576}$	5.3732976645	0.1487253136	Z/2+Z	Z/2	0.09	c	1615	hgkadabcefgfgfhqsqqof
$M7_{1577}$	5.3738012421	0.1576942218	Z	Z/2	0.30	c	1616	hhjaibadfeegghkfqqbaf
$M7_{1578}$	5.3739697613	0.2340205337	Z	Z/2	0.17	c	1617	hlkaiabdfeeggfhoxxohk
$M7_{1579}$	5.3754132297	0.1236000411	Z	Z/2	0.09	c	1618	hojababcgggfffhhhaqxg
$M7_{1580}$	5.3754977756	0.0791896810	Z	Z/2	0.14	c	1619	hofacbcbegffgaabnqxbg
$M7_{1581}$	5.3758624526	0.1286052560	Z	Z/2	0.29	c	1620	hhjaibadfeeggafkqakhk
$M7_{1582}$	5.3763314109	0.1449813704	Z/4+Z	Z/2	0.13	c	1621	hokacabcegffgfaqoqqkb
$M7_{1583}$	5.3764419577	0.1994728430	Z	Z/2	0.19	c	1622	hpkaaabefgfggfhaqacck
$M7_{1584}$	5.3765577911	0.0593730459	Z	Z/2	0.12	c	1623	hokacabcegffgfaqvhqkf
$M7_{1585}$	5.3767020078	0.1241965393	Z	Z/2	0.08	c	1624	hgjadabcegffgfhhvqqnk
$M7_{1586}$	5.3768597336	0.0786904245	Z	Z/2	0.18	c	1625	hhkaiabfffeggfhhaqhab
$M7_{1587}$	5.3769703167	0.1015078208	Z	Z/2	0.26	c	1626	hnfaibcdefegghhhoofhg
$M7_{1588}$	5.3773254486	0.1832261628	Z	Z/2	0.27	c	1627	hnjaebadfegfghkgxqaff
$M7_{1589}$	5.3778144780	0.1772103109	Z	Z/2	0.15	c	1628	hnkaeabdfegfgfhgqxqkn
$M7_{1590}$	5.3779055920	0.2129632492	Z	Z/2	0.57	c	1629	hfpaadfgfdefgfxmtffig
$M7_{1591}$	5.3779553073	0.1481782237	Z	Z/2	0.08	c	1630	hokababcgggfffhqaqhxb
$M7_{1592}$	5.3785273477	0.2348450077	Z/3+Z	D2	0.31	c	1631	hkoaeacdfegggnkaknhep
$M7_{1593}$	5.3785273477	0.0151549923	Z/15+Z	D2	0.31	c	1632	hkoaeacdfegggnkaknhti
$M7_{1594}$	5.3790711628	0.0431016492	Z	Z/2	0.08	c	1633	hojababcegffgfhhbqqbb
$M7_{1595}$	5.3795178205	0.0185019483	Z	Z/2	0.08	c	1634	hokababcegffgfhqgqqgg
$M7_{1596}$	5.3796706745	0.1102304957	Z	Z/2	0.12	c	1635	hbnajacedfeggffhhhfhk
$M7_{1597}$	5.3797793145	0.2030662766	Z	Z/2	0.18	c	1636	hlkababeeffggfhippkcg
$M7_{1598}$	5.3798872254	0.0663154648	Z	Z/2	0.32	c	1637	hbpaccefffgegrkxddhkk
$M7_{1599}$	5.3811020831	0.1333161038	Z/4+Z	D2	0.30	c	1638	hlkaiabeefeggfaahxqaf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1600}$	5.3813116233	0.0214755982	Z	Z/2	0.17	c	1639	hhkababefgggffhqqqbgb
$M7_{1601}$	5.3821083872	0.2422877936	Z	Z/2	0.58	c	1640	hgpaaddeegfggcconutwb
$M7_{1602}$	5.3838930856	0.1215027948	Z/2+Z	Z/2	0.07	c	1641	hgkadabcefgfgfhqbaqnf
$M7_{1603}$	5.3848973807	0.0034593188	Z/2+Z	Z/2	0.07	c	1642	hgkadabcefgfgfhqbxanf
$M7_{1604}$	5.3856302410	0.0903605379	Z/2+Z	Z/2	0.11	c	1643	hojababcegffgfhhbxqkg
$M7_{1605}$	5.3872537647	0.1192775769	Z/2+Z	Z/2	0.41	c	1644	hkoabacdfggfgfkabxpka
$M7_{1606}$	5.3873483248	0.1221851448	Z	Z/2	0.27	c	1645	hcoajacdefeggfkahafab
$M7_{1607}$	5.3887032328	0.0885154143	Z	Z/2	0.17	c	1646	hnkaiabdfeeggfhvxqnhk
$M7_{1608}$	5.3892404368	0.1864058762	Z	Z/2	0.13	c	1647	hgjadabcegffgfhhghxgn
$M7_{1609}$	5.3908530719	0.1395341114	Z	Z/2	0.12	c	1648	hgkadabcegffgfaqghhnf
$M7_{1610}$	5.3915944203	0.1050524988	Z	Z/2	0.26	c	1649	hcoakacdedfggfkxhkhhg
$M7_{1611}$	5.3920105263	0.0110195952	Z/2+Z	Z/2	0.11	c	1650	hboajacedfeggnohaqoqb
$M7_{1612}$	5.3922292613	0.2037293008	Z	Z/2	0.21	c	1651	hhjaebadfegfghkfqhhbg
$M7_{1613}$	5.3924909869	0.0954274247	Z/2+Z	Z/2	0.32	c	1652	hgnaebbdfegfghgohhqok
$M7_{1614}$	5.3937789775	0.1422767223	Z/2+Z	Z/2	0.07	c	1653	hokacabcffgfgfhqqhqaf
$M7_{1615}$	5.3939662459	0.0706413166	Z	Z/2	0.17	c	1654	hhkaeabdfegfgfhfqhanb
$M7_{1616}$	5.3962282137	0.0211812269	Z	Z/2	0.07	c	1655	hokababcegffgfhqgxafn
$M7_{1617}$	5.3974288424	0.1476075450	Z	Z/2	0.22	c	1656	hboajacedfeggfohaqoqn
$M7_{1618}$	5.3975183172	0.0701217521	Z	Z/2	0.29	c	1657	hnkaeabdefgfgfasqxqkn
$M7_{1619}$	5.3976919669	0.0050942982	Z	Z/2	0.33	c	1658	hbpaccefffgegrnxddhfk
$M7_{1620}$	5.3981603603	0.1451514562	Z	Z/2	0.07	c	1659	hokababcegffgfhqkqxbo
$M7_{1621}$	5.3987552614	0.1137704341	Z	Z/2	0.10	c	1660	hokababcegffgfhqgxqfb
$M7_{1622}$	5.3988261653	0.0246398805	Z/2+Z	Z/2	0.07	c	1661	hokacabcegffgfhqsaaff
$M7_{1623}$	5.3989336029	0.0241436024	Z	Z/2	0.07	c	1662	hokababcfgffgfhqqxhan
$M7_{1624}$	5.3991334799	0.1627459619	Z/14+Z	Z/2	0.27	c	1663	hbpaccefffgegrkxddqbn
$M7_{1625}$	5.3992420735	0.0067642719	Z	Z/2	0.19	c	1664	hcoafacdefgfgnkahqqgk
$M7_{1626}$	5.3992728287	0.1727596747	Z	Z/2	0.16	c	1665	hcoakacdedfggfkhhghho
$M7_{1627}$	5.3998573527	0.1781178170	Z/3+Z	Z/2	0.25	c	1666	hnfaibcdefegghhhoffhk
$M7_{1628}$	5.4015594046	0.0484839194	Z	Z/2	0.32	c	1667	hlkababdefgggfanxsssg
$M7_{1629}$	5.4017149380	0.1425834929	Z	Z/2	0.07	c	1668	hokababcegffgfhqkaakn
$M7_{1630}$	5.4024758709	0.0220177627	Z/10+Z	D2	0.30	c	1669	hfdadbcdefgfgaaaaqqff
$M7_{1631}$	5.4024758709	0.2279822373	Z/6+Z	D2	0.30	c	1670	hfdadbcdefgggaaaaqqof
$M7_{1632}$	5.4029555493	0.0489792508	Z	Z/2	0.33	c	1671	hcoafacdefgfgfkhhhhkk
$M7_{1633}$	5.4031683938	0.0801559681	Z/4+Z	Z/2	0.16	c	1672	hhkababfgeeggfhhhhffo
$M7_{1634}$	5.4034789543	0.1798915239	Z	Z/2	0.21	c	1673	hblakacdedfggfnaabahg
$M7_{1635}$	5.4036479966	0.0047159581	Z	Z/2	0.16	c	1674	hofabbcbegffgaabgqako
$M7_{1636}$	5.4041450473	0.1162193754	Z/11+Z	Z/2	0.12	c	1675	hokacabcegffgfaqoqxok
$M7_{1637}$	5.4051014414	0.1490905587	Z/2+Z	D2	0.62	c	1676	hglaccceegfggmfetqbkc
$M7_{1638}$	5.4051104910	0.2459722675	Z/3+Z	Z/2	0.15	c	1677	hnkaeabdfegfgfhgqqqbo
$M7_{1639}$	5.4054604225	0.2037688127	Z	Z/2	0.55	c	1678	hdhabdcffgfeghnmxqnkf
$M7_{1640}$	5.4061456661	0.2479782920	Z	Z/2	0.12	c	1679	hboajacedfeggfnhaqoqb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1641}$	5.4065313887	0.2458476829	Z	Z/2	0.12	c	1680	hgjadabcegffgfhhgqhfb
$M7_{1642}$	5.4067591867	0.0691270864	Z/2+Z	Z/2	0.21	c	1681	hbnajacedfegggbqqabab
$M7_{1643}$	5.4071171601	0.1076845843	Z/5+Z	D2	0.45	c	1682	hnfabbcdefgggaaavvaph
$M7_{1644}$	5.4073062738	0.0979105875	Z/5+Z	D2	0.30	c	1683	hepabdddggegfngnhagvf
$M7_{1645}$	5.4073062738	0.1520894125	Z/3+Z	D2	0.30	c	1684	hepabdddggffgngnhamdv
$M7_{1646}$	5.4078187548	0.1017904079	Z	Z/2	0.21	c	1685	hblakacdedfggfnaabqhk
$M7_{1647}$	5.4082181608	0.0404248491	Z/2+Z	Z/2	0.18	c	1686	hhkaeabfefgfgfhimqwfo
$M7_{1648}$	5.4084133206	0.2347045391	Z	Z/2	0.30	c	1687	hcoajacdefeggfkaaakab
$M7_{1649}$	5.4085259511	0.1560664350	Z	Z/2	0.13	c	1688	hlkaiabdfeeggfhohxghg
$M7_{1650}$	5.4085877159	0.0616922791	Z/2+Z	Z/2	0.18	c	1689	hblakacdedfggknhaoqqb
$M7_{1651}$	5.4091113413	0.1840049325	Z	Z/2	0.16	c	1690	hhkababefefggnapdabnf
$M7_{1652}$	5.4092316350	0.2100757581	Z/6+Z	Z/2	0.10	c	1691	hgjadabcefgfgbqqbaanf
$M7_{1653}$	5.4096719653	0.1586479653	Z/2+Z	Z/2	0.18	c	1692	hlkababdeffggfhoikgnf
$M7_{1654}$	5.4101217750	0.1339338252	Z	Z/2	0.27	c	1693	hhjaibadfeegghkfhqbhg
$M7_{1655}$	5.4108356368	0.2185384331	Z	Z/2	0.10	c	1694	hbnajacedfeggffhhafak
$M7_{1656}$	5.4109452927	0.0933917055	Z/5+Z	Z/2	0.31	c	1695	hfdadbcdefgfgaaaahqbf
$M7_{1657}$	5.4110262585	0.0127552377	Z	Z/2	0.10	c	1696	hgkadabcefgfgfhqsaqfg
$M7_{1658}$	5.4112573035	0.2152906447	Z	D2	0.30	c	1697	hlkaeabdfegggfanxqhmd
$M7_{1659}$	5.4112573035	0.0347093553	Z/11+Z	D2	0.30	c	1698	hlkaiabdfeeggfanxqfqg
$M7_{1660}$	5.4131977325	0.0968262042	Z/3+Z	Z/2	0.24	c	1699	hnjaebadfegfghkgxhafb
$M7_{1661}$	5.4133526739	0.2368379263	Z	Z/2	0.37	c	1700	hlkababdefgggfhoxvvvo
$M7_{1662}$	5.4133641140	0.2488522183	Z	Z/2	0.24	c	1701	hhkaeabdfegfgfhfhhanb
$M7_{1663}$	5.4149403845	0.0691018508	Z/2+Z	Z/2	0.15	c	1702	hhkaiabdfeeggfhfqhfqo
$M7_{1664}$	5.4157353485	0.1319763539	Z/3+Z	Z/2	0.30	c	1703	hboafacedfgfgfnhaqqon
$M7_{1665}$	5.4157773502	0.2104271908	Z/2+Z	Z/2	0.18	c	1704	hcoafacdefgfgnkaaqqgf
$M7_{1666}$	5.4167677355	0.1755488557	Z	Z/2	0.11	c	1705	hokacabcegffgfaqohqbf
$M7_{1667}$	5.4168964406	0.0123194201	Z	Z/2	0.33	c	1706	hcoafacdefgfgfkhhqhbk
$M7_{1668}$	5.4176166078	0.0093361480	Z	Z/2	0.09	c	1707	hokababcegffgfhqkaxnf
$M7_{1669}$	5.4189885674	0.0307162693	Z/2+Z	Z/2	0.15	c	1708	hhkaiabdfeeggfhbqhkaf
$M7_{1670}$	5.4195873207	0.1862655636	Z	Z/2	0.10	c	1709	hokacabcegffgfhqnqqfg
$M7_{1671}$	5.4200437985	0.2224776858	Z	Z/2	0.13	c	1710	hlkaeabdfegfgfhohxhnk
$M7_{1672}$	5.4214345593	0.1676557873	Z	Z/2	0.23	c	1711	hnfaibcdefegghhhoofan
$M7_{1673}$	5.4230420556	0.1685646844	Z	Z/2	0.11	c	1712	hgkadabcegffgfaqghxgn
$M7_{1674}$	5.4237899807	0.2422019556	Z	Z/2	0.15	c	1713	hgkadabcegffgfaqvxqbf
$M7_{1675}$	5.4243782840	0.1396084964	Z	Z/2	0.27	c	1714	hcoafacdefgfgfkhhqhkf
$M7_{1676}$	5.4245759950	0.1105406644	Z	Z/2	0.09	c	1715	hokacabcegffgfhqsaqfn
$M7_{1677}$	5.4255480215	0.1524905154	Z	Z/2	0.19	c	1716	hkoabacdegffgfkaklbof
$M7_{1678}$	5.4255739565	0.1873571615	Z/11+Z	Z/2	0.11	c	1717	hgjadabcegffgfhhghxof
$M7_{1679}$	5.4263979661	0.1774503665	Z	Z/2	0.11	c	1718	hokacabcegffgfaqohqkn
$M7_{1680}$	5.4276408353	0.1974926613	Z	Z/2	0.27	c	1719	hlkaiabeefeggfaahxqqg
$M7_{1681}$	5.4302573462	0.1476640572	Z/2+Z	Z/2	0.09	c	1720	hokacabcegffgfaqohxof

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1682}$	5.4303081214	0.1986334665	Z/3+Z	Z/2	0.42	c	1721	hfnabbedggfgfhhkidjkn
$M7_{1683}$	5.4312573682	0.0401443898	Z	Z/2	0.16	c	1722	hcoakacdedfggfkxafqqk
$M7_{1684}$	5.4313760247	0.1092619280	Z	Z/2	0.10	c	1723	hgkadabcegffgfaqgqhfb
$M7_{1685}$	5.4325588227	0.1451451748	Z	Z/2	0.13	c	1724	hlkaeabdfegfgfhohhhfg
$M7_{1686}$	5.4331305214	0.1796829518	Z	Z/2	0.29	c	1725	hlkaeabdfegfgfanqqhgk
$M7_{1687}$	5.4342569354	0.2478072593	Z	Z/2	0.19	c	1726	hblakacdedfggfnaabaan
$M7_{1688}$	5.4343153997	0.0319940930	Z/3+Z	Z/2	0.41	c	1727	hfnabbedggfgfhhkaujfb
$M7_{1689}$	5.4345189371	0.1495551011	Z	Z/2	0.24	c	1728	hnkaeabdfegfgfhfxqqgo
$M7_{1690}$	5.4348214957	0.0477883065	Z	Z/2	0.26	c	1729	hcoafacdefgfgfkhaqakf
$M7_{1691}$	5.4350138915	0.2466906427	Z	Z/2	0.52	c	1730	hdhabcdfggfegqkmudnfw
$M7_{1692}$	5.4352934018	0.1773411395	Z/2+Z	Z/2	0.25	c	1731	hhjaibaefeeggafqqhahf
$M7_{1693}$	5.4357652644	0.2081499858	Z	Z/2	0.56	c	1732	hdnacbefdefggexenmonk
$M7_{1694}$	5.4362194986	0.0425111426	Z	Z/2	0.18	c	1733	hnkaeabdfegfgfhghqqng
$M7_{1695}$	5.4370342703	0.2406399351	Z	Z/2	0.16	c	1734	hcoakacdedfggfkxhfqqf
$M7_{1696}$	5.4377689765	0.0829842379	Z	Z/2	0.14	c	1735	hhkaeabfefgfgfhimqgfn
$M7_{1697}$	5.4380944485	0.0110485404	Z/19+Z	D2	0.28	c	1736	hnjaebadefgfgafbqahnf
$M7_{1698}$	5.4380944485	0.2389514596	Z/3+Z	D2	0.28	c	1737	hnjaebadefgggafbqahep
$M7_{1699}$	5.4382136600	0.0857965388	Z	Z/2	0.34	c	1738	hdlaicfefdfggeuxmkehg
$M7_{1700}$	5.4387659960	0.1903302869	Z	Z/2	0.09	c	1739	hgkadabcefgfgfhqbaafn
$M7_{1701}$	5.4390787698	0.1454704211	Z	Z/2	0.26	c	1740	hhjaibafffeggafaqhaab
$M7_{1702}$	5.4398638994	0.0875386426	Z	Z/2	0.27	c	1741	hlkaeabdfegfgfanqxaff
$M7_{1703}$	5.4401773891	0.1348073473	Z	Z/2	0.26	c	1742	hlkaeabdfegfgfhvxhhgg
$M7_{1704}$	5.4402646246	0.0913427805	Z/13+Z	Z/2	0.23	c	1743	hcoakacdedfggfkxakaab
$M7_{1705}$	5.4407836058	0.1166579260	Z	Z/2	0.10	c	1744	hokacabcegffgfaqoqxgb
$M7_{1706}$	5.4421634338	0.1359680756	Z/2+Z	Z/2	0.15	c	1745	hblakacdedfggknhhoqqg
$M7_{1707}$	5.4423185014	0.1990493489	Z	Z/2	0.28	c	1746	hknaebbdefgfghgkxaakb
$M7_{1708}$	5.4423628798	0.0743053972	Z	Z/2	0.26	c	1747	hcoafacdefgfgfkhhqqkk
$M7_{1709}$	5.4427504835	0.1032651720	Z/2+Z	Z/2	0.19	c	1748	hcoafacdefgfgnkahaqkk
$M7_{1710}$	5.4430959058	0.2152543302	Z	Z/2	0.09	c	1749	hokacabcegffgfhqnqxnf
$M7_{1711}$	5.4433514705	0.2393805808	Z	Z/2	0.09	c	1750	hgjadabcefgfgbqqbaxfb
$M7_{1712}$	5.4436761859	0.0034667791	Z/6+Z	Z/2	0.15	c	1751	henakbdcdefggakkoaqqn
$M7_{1713}$	5.4437644269	0.0195839624	Z	Z/2	0.29	c	1752	hnkaiabdfeeggfhghhnhg
$M7_{1714}$	5.4439973476	0.0318386541	Z	Z/2	0.14	c	1753	hhkaeabdfegfgfhbqhhbg
$M7_{1715}$	5.4447600933	0.2052759852	Z	Z/2	0.15	c	1754	hgkadabcegffgfaqvxhnf
$M7_{1716}$	5.4450790350	0.1699528252	Z	Z/2	0.19	c	1755	hblakacdedfggfnaabqqb
$M7_{1717}$	5.4453569546	0.2167485044	Z	Z/2	0.26	c	1756	hnfaibcdefegghhhffghk
$M7_{1718}$	5.4454914984	0.0710595358	Z	Z/2	0.19	c	1757	hddajacedfeggkohhqgqo
$M7_{1719}$	5.4475855741	0.1792559488	Z	Z/2	0.19	c	1758	hblakacdedfggknaakahg
$M7_{1720}$	5.4476396382	0.1077107943	Z	Z/2	0.09	c	1759	hgkadabcegffgfaqgqhnk
$M7_{1721}$	5.4481370982	0.1800500196	Z	Z/2	0.09	c	1760	hgjadabcefgfgbqqbqagn
$M7_{1722}$	5.4483692676	0.1113413252	Z	Z/2	0.52	c	1761	hjhabdecegffgheneawff

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1723}$	5.4488763767	0.1377490293	Z/3+Z	Z/2	0.08	c	1762	hgkadabcegffgfaqgqxgb
$M7_{1724}$	5.4493324790	0.2090382647	Z	Z/2	0.25	c	1763	hhjaibadfeeggafgqakhk
$M7_{1725}$	5.4502675123	0.2163293276	Z/3+Z	Z/2	0.14	c	1764	hofabbcbegfggaabgqqof
$M7_{1726}$	5.4503189980	0.1410842165	Z	Z/2	0.15	c	1765	hblakacdedfggknhaoaan
$M7_{1727}$	5.4509263259	0.0411197867	Z	Z/2	0.56	c	1766	hdnabbddegfggafgurffb
$M7_{1728}$	5.4509956250	0.1472390642	Z	Z/2	0.18	c	1767	hboajacedfeggnohaqgqn
$M7_{1729}$	5.4513006896	0.0151387415	Z	Z/2	0.16	c	1768	hboajacedfeggnnhaaoab
$M7_{1730}$	5.4535399153	0.2346244646	Z	Z/2	0.15	c	1769	hgjadbacefgfghkhfxafk
$M7_{1731}$	5.4542296693	0.1313746423	Z	Z/2	0.22	c	1770	hblafacdefgfgfnxxahng
$M7_{1732}$	5.4546437756	0.1557225364	Z	Z/2	0.09	c	1771	hokacabcegffgfhqnaqgn
$M7_{1733}$	5.4553941107	0.0279571944	Z	Z/2	0.27	c	1772	hknaebbdefgfghgkxaabn
$M7_{1734}$	5.4558402548	0.2318589021	Z	Z/2	0.23	c	1773	hddafbcdefgfgaahhqqgf
$M7_{1735}$	5.4560772609	0.0265982565	Z	Z/2	0.13	c	1774	hokacabcegffgfaqvxhfg
$M7_{1736}$	5.4568782606	0.1443228762	Z/7+Z	Z/2	0.17	c	1775	hlkaeabdfegfgfhohhafb
$M7_{1737}$	5.4569382953	0.1685541083	Z	Z/2	0.09	c	1776	hgkadabcegffgfaqghxof
$M7_{1738}$	5.4582747325	0.1762138610	Z	Z/2	0.58	c	1777	hcpaicdeffeggggflxbgg
$M7_{1739}$	5.4582957159	0.1839509303	Z	Z/2	0.07	c	1778	hokacabcegffgfhqnaxnn
$M7_{1740}$	5.4595148439	0.1541922487	Z	Z/2	0.09	c	1779	hokacabcegffgfhqnaqff
$M7_{1741}$	5.4595844285	0.1537277052	Z/4+Z	Z/2	0.25	c	1780	hnkaiabdefeggfasqxoqf
$M7_{1742}$	5.4605105173	0.0699554124	Z/6+Z	D2	0.26	c	1781	hkoaeacdfegggfkaknhep
$M7_{1743}$	5.4605105173	0.1800445876	Z/18+Z	D2	0.26	c	1782	hkoaeacdfegggfkaknhti
$M7_{1744}$	5.4608547022	0.0109355797	Z/2+Z	Z/2	0.15	c	1783	hokacabcegffgfaqvxqkg
$M7_{1745}$	5.4616878669	0.2409001378	Z/2+Z	Z/2	0.20	c	1784	hhkaiabdfeeggfhfqxoqo
$M7_{1746}$	5.4617526823	0.0705031377	Z	Z/2	0.29	c	1785	hcoafacdefgfgfkxhahbk
$M7_{1747}$	5.4624468757	0.1344395757	Z	Z/2	0.17	c	1786	hnkaeabdfegfgfhghqqfo
$M7_{1748}$	5.4629419250	0.2216275645	Z/17+Z	Z/2	0.27	c	1787	hcoajacdefeggfkhaqkqf
$M7_{1749}$	5.4642354224	0.0677090828	Z	Z/2	0.52	c	1788	hdlabadfdgfggfxhkfcnn
$M7_{1750}$	5.4643306964	0.1047072552	Z	Z/2	0.22	c	1789	hblajacdefeggkrxaanaf
$M7_{1751}$	5.4643656290	0.1718230327	Z	Z/2	0.17	c	1790	hblakacdedfggknaakqqb
$M7_{1752}$	5.4657079629	0.2090653662	Z/4+Z	Z/2	0.07	c	1791	hgjadabcefgfgbqqbqxgb
$M7_{1753}$	5.4668294105	0.2315404470	Z/21+Z	D2	0.26	c	1792	hnjaebadefgfgafbqqqgb
$M7_{1754}$	5.4668294105	0.0184595530	Z/5+Z	D2	0.26	c	1793	hnjaebadefgggafbqqqha
$M7_{1755}$	5.4673012867	0.2163925006	Z	Z/2	0.22	c	1794	hblafacdefgfgfnxhaqnb
$M7_{1756}$	5.4676680799	0.1788691989	Z	Z/2	0.08	c	1795	hgjadabcefgfgbqqbqaof
$M7_{1757}$	5.4679501098	0.1618953068	Z	Z/2	0.14	c	1796	hblakacdedfggknhaoqhf
$M7_{1758}$	5.4684201163	0.1609969553	Z/11+Z	Z/2	0.08	c	1797	hgkadabcefgfgfhqbxabf
$M7_{1759}$	5.4684822421	0.1224570285	Z	Z/2	0.24	c	1798	hhjaibadfeegghkfhqbab
$M7_{1760}$	5.4702772713	0.0741439442	Z	Z/2	0.12	c	1799	hgkadabcefgfgfhqsqxgk
$M7_{1761}$	5.4703966035	0.1131599935	Z/2+Z	Z/2	0.23	c	1800	hhkaeabdfegfgfagqqqgk
$M7_{1762}$	5.4704423010	0.0480910603	Z	Z/2	0.53	c	1801	hdhabdcffgfeghnmxqnkn
$M7_{1763}$	5.4707095169	0.0529093989	Z/7+Z	Z/2	0.33	c	1802	hboafacedfgfgfohaaqfn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{1764}$	5.4711756383	0.1761526887	Z/2+Z	Z/2	0.24	c	1803	hhjaibadfeegghkfqqbak
$M7_{1765}$	5.4714053981	0.1565255585	Z	Z/2	0.20	c	1804	hhkaeabdfegfgfhbxhhgg
$M7_{1766}$	5.4715386750	0.2147777539	Z	Z/2	0.08	c	1805	hokacabcegffgfhqnqxbg
$M7_{1767}$	5.4719431197	0.1680254449	Z	Z/2	0.22	c	1806	hhjaeabdfegfgfqgxahbg
$M7_{1768}$	5.4727658448	0.2396792867	Z	Z/2	0.08	c	1807	hgjadabcefgfgbqqbaxnk
$M7_{1769}$	5.4736627245	0.0104691990	Z/2+Z	D2	0.58	c	1809	hnfaebcdfegggaaavvqha
$M7_{1770}$	5.4736627245	0.2395308010	Z/2+Z	D2	0.29	c	1808	hlkaiabefeeggfhqxahhf
$M7_{1771}$	5.4736862527	0.1210978811	Z	Z/2	0.27	c	1810	hnjaebadefgfgafbqqhgf
$M7_{1772}$	5.4737574738	0.2173044819	Z	Z/2	0.24	c	1811	hnfaebcdefgfgaaakkqbg
$M7_{1773}$	5.4739900099	0.2001890312	Z/3+Z	Z/2	0.31	c	1812	hlkacabdffgggfanarngg
$M7_{1774}$	5.4740506922	0.2204703717	Z	Z/2	0.08	c	1813	hgkadabcefgfgfhqbaqng
$M7_{1775}$	5.4743608371	0.1704972184	Z	Z/2	0.58	c	1814	hghaicddfefggtcctxgif
$M7_{1776}$	5.4756496478	0.2457055864	Z	Z/2	0.20	c	1815	hnfaibcdefegghhhoffqb
$M7_{1777}$	5.4763372214	0.0687364452	Z	Z/2	0.25	c	1816	hnkaiabdfeeggfhgqhfqf
$M7_{1778}$	5.4763770964	0.2480821500	Z/4+Z	Z/2	0.17	c	1817	hblakacdedfggknaakaan
$M7_{1779}$	5.4777743750	0.0761938774	Z/10+Z	D2	0.27	c	1818	hhjaiabffefggbaahxqab
$M7_{1780}$	5.4790516194	0.0946019840	Z	Z/2	0.20	c	1819	hcoajacdefeggfkxhafaf
$M7_{1781}$	5.4795348052	0.1489123632	Z/2+Z	Z/2	0.20	c	1820	hhkaiabdfeeggfhbqqkaf
$M7_{1782}$	5.4797007884	0.2195546111	Z	Z/2	0.22	c	1821	hhjaibaefeeggafqqhaqb
$M7_{1783}$	5.4797641587	0.0837962346	Z	Z/2	0.24	c	1822	hhjaibadfeegghkfqxgqo
$M7_{1784}$	5.4816202549	0.2302633512	Z/4+Z	Z/2	0.20	c	1823	hnfaibcdefegghhhoofhf
$M7_{1785}$	5.4831288019	0.1106902080	Z/6+Z	Z/2	0.12	c	1824	hbhakdcdedfggafkakaan
$M7_{1786}$	5.4831500631	0.1914586258	Z/3+Z	Z/2	0.06	c	1825	hgkadabcefgfgfhqbxqbg
$M7_{1787}$	5.4838093669	0.2200319842	Z	Z/2	0.23	c	1826	hlkaiabdfeeggfhvxhkhk
$M7_{1788}$	5.4838300376	0.0640908309	Z/2+Z	Z/2	0.26	c	1827	hhjaibadfeeggafkqakqb
$M7_{1789}$	5.4845284886	0.0636375381	Z	Z/2	0.23	c	1828	hnfaibcdefegghhhfoghg
$M7_{1790}$	5.4849238783	0.0927753674	Z	Z/2	0.25	c	1829	hnkaiabdfeeggfhghhfab
$M7_{1791}$	5.4851718983	0.1649636491	Z	Z/2	0.19	c	1830	hlkaeabdfegfgfhvhhhfg
$M7_{1792}$	5.4864945217	0.0272930069	Z	Z/2	0.31	c	1831	hepaeedfefgfgsolgiqin
$M7_{1793}$	5.4865051682	0.0590533589	Z	Z/2	0.13	c	1832	hgjadabcegffgfhhvxhnf
$M7_{1794}$	5.4867238659	0.1640364065	Z	Z/2	0.28	c	1833	hhjaibadfeeggafgqqghk
$M7_{1795}$	5.4869190304	0.1549407973	Z/5+Z	Z/2	0.26	c	1834	hlkaeabdfegfgfanqxqfo
$M7_{1796}$	5.4876514383	0.2215451348	Z	Z/2	0.07	c	1835	hgkadabcefgfgfhqbaqff
$M7_{1797}$	5.4878887754	0.1511956591	Z/4+Z	Z/2	0.16	c	1836	hblakacdedfggfnaabaho
$M7_{1798}$	5.4887429889	0.0009817711	Z	Z/2	0.25	c	1837	hbpaccefffgegrkxddqkb
$M7_{1799}$	5.4889927023	0.0973566592	Z	Z/2	0.11	c	1838	hgjadabcegffgfhhvxqbf
$M7_{1800}$	5.4890703618	0.0406238088	Z	Z/2	0.13	c	1839	hokacabcegffgfhqgqafg
$M7_{1801}$	5.4890740467	0.1358746156	Z	Z/2	0.24	c	1840	hlkaeabdfegfgfanaqhfk
$M7_{1802}$	5.4899683480	0.0331909821	Z	Z/2	0.15	c	1841	hlkaeabdfegfgfhoqhhbg
$M7_{1803}$	5.4904991674	0.0664200649	Z	Z/2	0.13	c	1842	hcoakacdedfggfkxafaan
$M7_{1804}$	5.4908538063	0.1728930991	Z	Z/2	0.36	c	1843	hblafacdefgfgfgkrxaaabf

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$M7_{1805}$	5.4911321107	0.2085386572	Z/3+Z	Z/2	0.30	c	1844	hdhaecffefgegeiqexqkg
$M7_{1806}$	5.4915319472	0.2112175003	Z/5+Z	Z/2	0.27	c	1845	hjlaccdedfgfgenqbbvnn
$M7_{1807}$	5.4917954178	0.1570668994	Z	Z/2	0.27	c	1846	hnkaiabdfeeggfhghhfhf
$M7_{1808}$	5.4920669228	0.1462801919	Z	Z/2	0.27	c	1847	hlkaiabdfeeggfanxqfak
$M7_{1809}$	5.4926723562	0.1734337580	Z	Z/2	0.20	c	1848	hhkaeabdfegfgfhfqxqnn
$M7_{1810}$	5.4932114690	0.1608997316	Z	Z/2	0.06	c	1849	hgkadabcefgfgfhqbxann
$M7_{1811}$	5.4935711602	0.2290234678	Z/4+Z	Z/2	0.16	c	1850	hblakacdedfggfnaabqhf
$M7_{1812}$	5.4937154910	0.0994143829	Z/2+Z	Z/2	0.26	c	1851	hbpaefcfefgegirxfiagf
$M7_{1813}$	5.4941076106	0.1863337242	Z	Z/2	0.31	c	1852	hknaebbdefgfghgkxhafb
$M7_{1814}$	5.4942191016	0.1655020234	Z/7+Z	Z/2	0.20	c	1853	hhkaiabfffeggfhhaqxqn
$M7_{1815}$	5.4949466192	0.1518029541	Z	Z/2	0.20	c	1854	hcoajacdefeggfkahqfhk
$M7_{1816}$	5.4949683596	0.1026413570	Z	Z/2	0.44	c	1855	hkhaibddeefggucctxchk
$M7_{1817}$	5.4950223438	0.2491122317	Z	Z/2	0.30	c	1856	hhkaiabeeffggfhuuqutf
$M7_{1818}$	5.4957933705	0.1270164527	Z	Z/2	0.23	c	1857	hhjaebadfegfgafgqahgg
$M7_{1819}$	5.4957935651	0.1875000000	Z/2+Z/2+Z	D2	1.06	c	1859	hbpaccdfefgggkfxcmlaw
$M7_{1820}$	5.4957935651	0.1875000000	Z/2+Z/2+Z	D2	0.53	c	1858	hblafacdefgggknhahqnv
$M7_{1821}$	5.4959667526	0.1949279751	Z	Z/2	0.36	c	1860	hcoafacdefgfgfkxaaabf
$M7_{1822}$	5.4961633853	0.1994245105	Z	Z/2	0.23	c	1861	hlkaiabefeeggfhhxaqhk
$M7_{1823}$	5.4973424459	0.1746567339	Z/15+Z	D2	0.24	c	1862	hcladcdedfgfgikhknvkk
$M7_{1824}$	5.4973424459	0.0753432661	Z/7+Z	D2	0.24	c	1863	hcladcdedfgggikhknvvc
$M7_{1825}$	5.4976998343	0.1166608148	Z	Z/2	0.27	c	1864	hlkababdefgggfhoxvvvb
$M7_{1826}$	5.4993567035	0.0365855504	Z	Z/2	0.12	c	1865	hgkadabcefgfgfhqsaxfk
$M7_{1827}$	5.5001842096	0.2197434057	Z	Z/2	0.19	c	1866	hcoajacdefeggfkahqfqb
$M7_{1828}$	5.5010013187	0.2453851977	Z/17+Z	D2	0.24	c	1867	hhjaebadfegfghkfqhabn
$M7_{1829}$	5.5010013187	0.0046148023	Z	D2	0.24	c	1868	hhjaebadfeggghkfqhaet
$M7_{1830}$	5.5022025688	0.0572133124	Z/9+Z	Z/2	0.27	c	1869	hhjaeabdfegfgnqchhhng
$M7_{1831}$	5.5022854210	0.1333101418	Z	Z/2	0.12	c	1870	hcoakacdedfggfkxhfhho
$M7_{1832}$	5.5030266588	0.0072274276	Z	Z/2	0.12	c	1871	hokababcegffgfaqbxhfg
$M7_{1833}$	5.5034026729	0.0401588586	Z	Z/2	0.11	c	1872	hgkadabcegfggfaqvqqgb
$M7_{1834}$	5.5037018486	0.1044231807	Z	Z/2	0.10	c	1873	hojababcegffgfhhfqhkb
$M7_{1835}$	5.5041159314	0.0807405271	Z/2+Z	Z/2	0.25	c	1874	hhjaibafffeggafaqhaho
$M7_{1836}$	5.5045184435	0.0720076334	Z	Z/2	0.26	c	1875	hnjabbadfgfggafbqsckk
$M7_{1837}$	5.5046156341	0.2240379349	Z/2+Z	Z/2	0.20	c	1876	hhkaiabdfeeggfhbxhkhk
$M7_{1838}$	5.5050719180	0.1236151446	Z	Z/2	0.25	c	1877	hlkaiabdfeeggfhoqqkqf
$M7_{1839}$	5.5054035607	0.0297383418	Z	Z/2	0.24	c	1878	hblafacdefgfgknaxaafn
$M7_{1840}$	5.5054784939	0.0630270786	Z	Z/2	0.11	c	1879	hojababcegffgfhhfqxob
$M7_{1841}$	5.5057657098	0.1756270527	Z/3+Z	Z/2	0.11	c	1880	hojababcegfggfhhfhhnk
$M7_{1842}$	5.5061152590	0.0038216038	Z/2+Z	Z/2	0.12	c	1881	hcoakacdedfggfkxafahg
$M7_{1843}$	5.5061879967	0.0300479260	Z/6+Z	Z/2	0.33	c	1882	hnfabbcdffgggaaakbpul
$M7_{1844}$	5.5062863410	0.2082321069	Z	Z/2	0.11	c	1883	hokababcegffgfaqfqxob
$M7_{1845}$	5.5063306952	0.0919262648	Z	Z/2	0.12	c	1884	hboajacedfeggnnhaqoqb

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$M7_{1846}$	5.5069238830	0.0337968042	Z	Z/2	0.09	c	1885	hokababcegffgfaqbqhfn
$M7_{1847}$	5.5076720705	0.0090237142	Z/7+Z	D2	0.24	c	1886	hlkaeabdfegggfanxxahq
$M7_{1848}$	5.5076720705	0.2409762858	Z/19+Z	D2	0.24	c	1887	hlkaiabdfeeggfanxxnak
$M7_{1849}$	5.5079897870	0.1995689233	Z	Z/2	0.19	c	1888	hhkababefefggnapdabvn
$M7_{1850}$	5.5082767822	0.0759183575	Z/2+Z	Z/2	0.24	c	1889	hknaebbdefgfghgkxahbo
$M7_{1851}$	5.5083724569	0.2375749000	Z	Z/2	0.22	c	1890	hnkaeabdfegfgfhvxqqfo
$M7_{1852}$	5.5089555633	0.1129172872	Z	Z/2	0.19	c	1891	hblajacdefeggkraaanab
$M7_{1853}$	5.5090668320	0.1580041099	Z	Z/2	0.12	c	1892	hblakacdedfggkraabaan
$M7_{1854}$	5.5095421095	0.0489929182	Z/2+Z	D2	0.24	c	1893	hlkaeabdfegggfhoxqapi
$M7_{1855}$	5.5095421095	0.2010070818	Z/10+Z	D2	0.24	c	1894	hlkaiabdfeeggfhoxqkqb
$M7_{1856}$	5.5097566070	0.1721081629	Z	Z/2	0.26	c	1895	hhjaebadfegfgafgxaanb
$M7_{1857}$	5.5116614342	0.1808243234	Z	Z/2	0.20	c	1896	hblafacdefgfgknaxaakb
$M7_{1858}$	5.5117280342	0.1443695148	Z/13+Z	D2	0.23	c	1897	hbhafbcedfgggukanqaaq
$M7_{1859}$	5.5117280342	0.1056304852	Z/21+Z	D2	0.23	c	1898	hbhafbcedfgggukanqahx
$M7_{1860}$	5.5118589392	0.1523545223	Z/12+Z	Z/2	0.18	c	1899	hnfaibcdefegghhhoffhf
$M7_{1861}$	5.5118800994	0.2358698979	Z/2+Z	Z/2	0.19	c	1900	hlkaiabdfeeggfhvhhkab
$M7_{1862}$	5.5119458248	0.0107060170	Z/7+Z	D2	0.23	c	1901	hnjacbadegfggafbqggkn
$M7_{1863}$	5.5119458248	0.2392939830	Z/3+Z/3+Z	D2	0.23	c	1902	hnjacbadegfggafbqggvc
$M7_{1864}$	5.5120838736	0.0200631695	Z	Z/2	0.24	c	1903	hcoajacdefeggfkxaakaf
$M7_{1865}$	5.5129396077	0.1973971682	Z	Z/2	0.09	c	1904	hokacabcegffgfhqsxakb
$M7_{1866}$	5.5131374154	0.2488140596	Z	Z/2	0.09	c	1905	hokababcegffgfaqfqhkb
$M7_{1867}$	5.5137809869	0.2072020465	Z	Z/2	0.21	c	1906	hhjaebadfegfgafgqaaob
$M7_{1868}$	5.5148989347	0.1167544270	Z	Z/2	0.26	c	1907	hcoafacdefgfgfkhhhhfk
$M7_{1869}$	5.5148993475	0.1378771835	Z	Z/2	0.11	c	1908	hojababcegffgfhhbxhfg
$M7_{1870}$	5.5157388337	0.2037148603	Z/2+Z	Z/2	0.11	c	1909	hcoakacdedfggfkxhfhab
$M7_{1871}$	5.5164640024	0.2277099219	Z	Z/2	0.14	c	1910	hcoafacdefgfgnkahaqkb
$M7_{1872}$	5.5184813462	0.2474500213	Z	Z/2	0.14	c	1911	hgjadabcefgfgbqqjqaof
$M7_{1873}$	5.5196431250	0.2462699779	Z	Z/2	0.10	c	1912	hokababcegfggfaqbqqnk
$M7_{1874}$	5.5198200365	0.0107315490	Z	Z/2	0.23	c	1913	hlkaiabdfeeggfhoqqbaf
$M7_{1875}$	5.5202415564	0.2333488866	Z/6+Z	Z/2	0.17	c	1914	hnkaeabdfegfgfhvqqqbo
$M7_{1876}$	5.5203080566	0.0590397251	Z	Z/2	0.29	c	1915	hknabbbdfgfgghgkakjoo
$M7_{1877}$	5.5207372853	0.1307257751	Z	Z/2	0.18	c	1916	hcoajacdefeggfkahafhg
$M7_{1878}$	5.5211318449	0.1827964621	Z	Z/2	0.14	c	1917	hgkadabcegffgfaqvqhnk
$M7_{1879}$	5.5211907326	0.1590588881	Z	Z/2	0.11	c	1918	hokacabcegffgfhqsxqfb
$M7_{1880}$	5.5216779959	0.0395578092	Z	Z/2	0.24	c	1919	hhjaibadfeeggafkqakhf
$M7_{1881}$	5.5216856653	0.1780101617	Z	Z/2	0.09	c	1920	hojababcegffgfhhbqhfn
$M7_{1882}$	5.5222624901	0.0215366896	Z	Z/2	0.11	c	1921	hokacabcegffgfaqohqkf
$M7_{1883}$	5.5225907642	0.1513938739	Z	Z/2	0.14	c	1922	hokacabcegffgfhqgqxbg
$M7_{1884}$	5.5235880026	0.2338409712	Z/13+Z	D2	0.23	c	1923	hhjabbadefggghkfhoogb
$M7_{1885}$	5.5235880026	0.0161590288	Z/3+Z	D2	0.23	c	1924	hhjabbadefggghkfhoorw
$M7_{1886}$	5.5236561214	0.1023539529	Z	Z/2	0.23	c	1925	hhkaeabffegfgfhtttrcn

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$M7_{1887}$	5.5240253553	0.0167346455	Z	Z/2	0.21	c	1926	hnkaiabdfeeggfhghxohg
$M7_{1888}$	5.5243288795	0.0561876266	Z/2+Z	Z/2	0.51	c	1927	hfhaebefdffggqqdfdwbf
$M7_{1889}$	5.5246156464	0.1456191189	Z	Z/2	0.29	c	1928	hfhabbcdefggguknmwogw
$M7_{1890}$	5.5246514978	0.2449879483	Z/2+Z	Z/2	0.09	c	1929	hokacabcegfggfaqvhhof
$M7_{1891}$	5.5248278669	0.2284686438	Z	Z/2	0.11	c	1930	hokacabcegffgfaqoqxob
$M7_{1892}$	5.5248337283	0.0202147232	Z	Z/2	0.21	c	1931	hnkaeabdfegfgfhghxqnn
$M7_{1893}$	5.5248480844	0.2411905208	Z	Z/2	0.20	c	1932	hcoafacdefgfgfkhhqqkb
$M7_{1894}$	5.5252435236	0.0528572388	Z	Z/2	0.25	c	1933	hlkaiabdfeeggfhoqqbqg
$M7_{1895}$	5.5254317215	0.2113167223	Z	Z/2	0.10	c	1934	hokababcegffgfaqfhhkn
$M7_{1896}$	5.5255992356	0.0542534439	Z	Z/2	0.69	c	1935	hdpaaffdgdfeguxndnufb
$M7_{1897}$	5.5258449346	0.0711295649	Z/5+Z	Z/2	0.24	c	1936	hhjaiabdfeeggnqchhkhg
$M7_{1898}$	5.5271635943	0.0075320121	Z/3+Z	D2	0.38	c	1937	hflabcceefgggdkxtujcj
$M7_{1899}$	5.5271635943	0.2424679879	Z/19+Z	D2	0.38	c	1938	hfpaacgddffggkunbaluv
$M7_{1900}$	5.5275231499	0.1820451780	Z	Z/2	0.18	c	1939	hlkababeeffggfhippknk
$M7_{1901}$	5.5281261734	0.1768924735	Z	Z/2	0.13	c	1940	hblakacdedfggfnaxbaak
$M7_{1902}$	5.5298267090	0.0340924567	Z	Z/2	0.21	c	1941	hlkaiabdfeeggfhohqbhg
$M7_{1903}$	5.5314469774	0.1714639111	Z/3+Z	Z/2	0.24	c	1942	hlkacabdffgggfanarsgg
$M7_{1904}$	5.5317898614	0.1027078587	Z	Z/2	0.17	c	1943	hgfadbcbefgfgaabsqqgf
$M7_{1905}$	5.5320286768	0.0113392092	Z	Z/2	0.10	c	1944	hokacabcegffgfaqvhhff
$M7_{1906}$	5.5330973457	0.1013901500	Z	Z/2	0.13	c	1945	hokacabcegffgfaqvhqkn
$M7_{1907}$	5.5336829655	0.1644377155	Z/3+Z	Z/2	0.25	c	1946	hnfaibcdefegghhhofkhk
$M7_{1908}$	5.5341510211	0.0555609570	Z	Z/2	0.25	c	1947	hnfaibcdefegghhhookhg
$M7_{1909}$	5.5348746762	0.1752285301	Z/4+Z	Z/2	0.13	c	1948	hojababcegffgfhhfhxof
$M7_{1910}$	5.5351645149	0.0314244472	Z	Z/2	0.09	c	1949	hokababcegfggfaqfhhnk
$M7_{1911}$	5.5353798106	0.2137089193	Z/2+Z	Z/2	0.19	c	1950	hhkaiabeefeggfhqaqhqo
$M7_{1912}$	5.5355853330	0.0651643188	Z	Z/2	0.22	c	1951	hboafacedfgfgfnhaqhof
$M7_{1913}$	5.5357623006	0.1052413461	Z	Z/2	0.13	c	1952	hokababcegffgfaqbxqbg
$M7_{1914}$	5.5366655695	0.2085134693	Z	Z/2	0.09	c	1953	hgkadabcefgggfhqsqqbg
$M7_{1915}$	5.5370983880	0.0734925695	Z	Z/2	0.22	c	1954	hhkaeabdfegfgfhbxqqgf
$M7_{1916}$	5.5385335498	0.0608031765	Z	Z/2	0.24	c	1955	hhkababeeffggnatttjng
$M7_{1917}$	5.5388821928	0.1069088679	Z/16+Z	Z/2	0.13	c	1956	hokababcegffgfaqbxqko
$M7_{1918}$	5.5389831276	0.1160470544	Z	Z/2	0.17	c	1957	hofabbcbegffgaabgqqgo
$M7_{1919}$	5.5394851463	0.2227006898	Z	Z/2	0.19	c	1958	hhkaeabdfegfgfhfqhabb
$M7_{1920}$	5.5404227781	0.2462011491	Z	Z/2	0.12	c	1959	hblakacdedfggfnahbqqg
$M7_{1921}$	5.5405422400	0.2029396730	Z	Z/2	0.07	c	1960	hokababcegffgfhqgqako
$M7_{1922}$	5.5408626805	0.1482889559	Z/2+Z	Z/2	0.23	c	1961	hhjaeabdfegfgbaohhqok
$M7_{1923}$	5.5408634951	0.2365514992	Z/13+Z	Z/2	0.10	c	1962	hgkadabcegffgfaqgqhnb
$M7_{1924}$	5.5410833122	0.2254354714	Z/2+Z	Z/2	0.56	c	1963	hnfabbcdffggghhhorhtt
$M7_{1925}$	5.5424946881	0.1153968257	Z	Z/2	0.19	c	1964	hnfaibcdefegghhhffghf
$M7_{1926}$	5.5426627814	0.0134982823	Z	Z/2	0.10	c	1965	hgkadabcegffgfaqghxgf
$M7_{1927}$	5.5438860594	0.1646853358	Z	Z/2	0.09	c	1966	hokababcegffgfhqgqqfo

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$M7_{1928}$	5.5442272594	0.1791171854	Z/2+Z	Z/2	0.12	c	1967	hokababcegffgfaqfhxof
$M7_{1929}$	5.5449065838	0.1838736626	Z/3+Z	Z/2	0.08	c	1968	hgjadabcegfggfhhvqqgb
$M7_{1930}$	5.5455339489	0.1404169830	Z/2+Z	Z/2	0.09	c	1969	hojababcegffgfhhbqqkn
$M7_{1931}$	5.5459829541	0.1620491265	Z/2+Z	Z/2	0.09	c	1970	hokababcegffgfhqgxakb
$M7_{1932}$	5.5478826901	0.1358081396	Z	Z/2	0.24	c	1971	hlkaiabefeeggfhhxaqqb
$M7_{1933}$	5.5484520384	0.0682832096	Z	Z/2	0.20	c	1972	hnkaeabdfegfgfhgqhakb
$M7_{1934}$	5.5488922596	0.0650180732	Z	Z/2	0.32	c	1973	hbnafacedfgfgffhhaabb
$M7_{1935}$	5.5489228967	0.0789181477	Z	Z/2	0.07	c	1974	hokababcegffgfhqkqafg
$M7_{1936}$	5.5490091909	0.1836614585	Z/8+Z	Z/2	0.12	c	1975	hgkadabcegffgfaqvqhfb
$M7_{1937}$	5.5492484623	0.0595714775	Z/2+Z	Z/2	0.09	c	1976	hgjadabcegffgfhhvqqbb
$M7_{1938}$	5.5493373810	0.2073568052	Z	Z/2	0.16	c	1977	hcoajacdefeggfkhhqfqg
$M7_{1939}$	5.5494121011	0.0523788982	Z	Z/2	0.32	c	1978	hblafacdefgfgkraaaaff
$M7_{1940}$	5.5496757825	0.1990970101	Z	Z/2	0.16	c	1979	hhkaeabfefgfgfhimqwfg
$M7_{1941}$	5.5502031674	0.2322332597	Z	Z/2	0.54	c	1980	hdlaccdefefggifxddgbf
$M7_{1942}$	5.5505799187	0.0386233552	Z/2+Z	Z/2	0.09	c	1981	hokababcegffgfhqkqxng
$M7_{1943}$	5.5507924887	0.1025029894	Z/3+Z	Z/2	0.08	c	1982	hojababcegfggfhhbqqnk
$M7_{1944}$	5.5510322605	0.0844275916	Z/12+Z	Z/2	0.41	c	1983	hclajbddeefggissdxoqk
$M7_{1945}$	5.5512634715	0.0776531000	Z/2+Z	Z/2	0.08	c	1984	hokababcegfggfhqgqqof
$M7_{1946}$	5.5514869691	0.0350950860	Z	Z/2	0.09	c	1985	hgkadabcefgfgfhqsqqgg
$M7_{1947}$	5.5519347554	0.1716097322	Z	Z/2	0.12	c	1986	hboajacedfeggfohaqoqb
$M7_{1948}$	5.5525565230	0.1783176584	Z	Z/2	0.19	c	1987	hnkaiabdfeeggfhvxqnqk
$M7_{1949}$	5.5538093522	0.1122573794	Z	Z/2	0.21	c	1988	hnkaeabdfegfgfhghhafb
$M7_{1950}$	5.5559170776	0.1776513069	Z	Z/2	0.12	c	1989	hokababcegffgfaqfhxgn
$M7_{1951}$	5.5560402854	0.0981376032	Z	Z/2	0.23	c	1990	hhkaeabdfegfgfhfhhafb
$M7_{1952}$	5.5566667935	0.1874893797	Z	Z/2	0.23	c	1991	hnkaiabdfeeggfhgqhfaf
$M7_{1953}$	5.5567671322	0.1321567639	Z	Z/2	0.18	c	1992	hhkababefgggffhqqqbgn
$M7_{1954}$	5.5577658306	0.1900514352	Z	Z/2	0.09	c	1993	hokacabcegffgfhqnaqfn
$M7_{1955}$	5.5584221648	0.1642144466	Z	Z/2	0.23	c	1994	hhkaeabffegfgfhtttgcf
$M7_{1956}$	5.5587996868	0.2494122526	Z	Z/2	0.11	c	1995	hojababcegffgfhhbxqbg
$M7_{1957}$	5.5589893798	0.1345434945	Z	Z/2	0.22	c	1996	hhjaebadfegfgfghkfqhhbo
$M7_{1958}$	5.5592092089	0.0376843626	Z/18+Z	Z/2	0.21	c	1997	hboafacedfgfgfnhaqqob
$M7_{1959}$	5.5593681601	0.0599369620	Z	Z/2	0.09	c	1998	hokacabcegffgfhqnqxng
$M7_{1960}$	5.5594165798	0.1839749943	Z	Z/2	0.23	c	1999	hbpaicedfffggckotlaqf
$M7_{1961}$	5.5597160639	0.1655658491	Z	Z/2	0.09	c	2000	hgjadabcefgfgbqqbqagf
$M7_{1962}$	5.5599326594	0.2438821484	Z	D2	0.20	c	2001	hnjacbadegfggafbqggbg
$M7_{1963}$	5.5599326594	0.0061178516	Z/15+Z	D2	0.20	c	2002	hnjacbadegfggafbqggrw
$M7_{1964}$	5.5599925248	0.1381450820	Z	Z/2	0.16	c	2003	hgkadabcegffgfaqvxhff
$M7_{1965}$	5.5601193341	0.0819769396	Z	Z/2	0.19	c	2004	hlkaeabdfegfgfhoqxhkk
$M7_{1966}$	5.5604381254	0.0222970902	Z	Z/2	0.22	c	2005	hhjaibafffeggafaqhaan
$M7_{1967}$	5.5606924180	0.0844973318	Z	Z/2	0.08	c	2006	hgjadabcefgfgbqqbaxnb
$M7_{1968}$	5.5610323805	0.1842776176	Z	Z/2	0.18	c	2007	hhkaiabfffeggfhhaqhhg

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$M7_{1969}$	5.5615959844	0.2099532422	Z/3+Z	Z/2	0.33	c	2008	hboafacedfgfgfohaqqon
$M7_{1970}$	5.5619033256	0.2178569832	Z	Z/2	0.17	c	2009	hhkaeabdfegfgfhbqqqbf
$M7_{1971}$	5.5620871243	0.1629249649	Z	Z/2	0.16	c	2010	hnkaiabdfeeggfhvqqnaf
$M7_{1972}$	5.5623764259	0.1706811557	Z	Z/2	0.21	c	2011	hlkaiabdfeeggfanaxnab
$M7_{1973}$	5.5624265467	0.1547840796	Z	Z/2	0.20	c	2012	hlkaeabdfegfgfanaxqfo
$M7_{1974}$	5.5628889265	0.0228518168	Z/23+Z	D2	0.20	c	2013	hhjaebadfegfghkfhhhfo
$M7_{1975}$	5.5628889265	0.2271481832	Z/7+Z	D2	0.20	c	2014	hhjaebadfeggghkfhhhaq
$M7_{1976}$	5.5630636768	0.1009857050	Z	Z/2	0.11	c	2015	hokacabcegffgfaqvhqbf
$M7_{1977}$	5.5631217108	0.1956428034	Z/2+Z	Z/2	0.18	c	2016	hhkaiabdfeeggfhfqhfaf
$M7_{1978}$	5.5635880532	0.0632409209	Z	Z/2	0.20	c	2017	hhjaibadfeegghkfhxgab
$M7_{1979}$	5.5636678248	0.1996598006	Z/4+Z	D2	1.01	c	2018	hcpacecdfefggrnclkqsn
$M7_{1980}$	5.5637159387	0.0041121224	Z/2+Z	Z/2	0.21	c	2019	hlkaiabdfeeggfhvhhkhg
$M7_{1981}$	5.5642783761	0.2001008495	Z	Z/2	0.15	c	2020	hcoajacdefeggfkahafan
$M7_{1982}$	5.5651894419	0.0842749111	Z	Z/2	0.07	c	2021	hokacabcegfggfhqsaank
$M7_{1983}$	5.5657063952	0.0377890188	Z/21+Z	D2	0.20	c	2022	hkoaeacdfegggnkaknadl
$M7_{1984}$	5.5657063952	0.2122109812	Z/9+Z	D2	0.20	c	2023	hkoaeacdfegggnkaknamu
$M7_{1985}$	5.5667146447	0.2368758129	Z	Z/2	0.21	c	2024	hcoajacdefeggfkaaqkhk
$M7_{1986}$	5.5667731183	0.1798653839	Z	Z/2	0.15	c	2025	hcoajacdefeggfkahqfhf
$M7_{1987}$	5.5671117095	0.1207888788	Z	Z/2	0.18	c	2026	hhkaiabdfeeggfhbqhfaf
$M7_{1988}$	5.5671978281	0.0912846304	Z	Z/2	0.23	c	2027	hblafacdefgfgknhhqqnb
$M7_{1989}$	5.5675645165	0.1507486864	Z	Z/2	0.44	c	2028	hgpaaccfgfefgbbxiukmf
$M7_{1990}$	5.5690129503	0.0087054497	Z	Z/2	0.21	c	2029	hhkaiabeefeggfhqaxhqn
$M7_{1991}$	5.5692987047	0.0860292653	Z	Z/2	0.22	c	2030	hcpaideffdfggckpabuqg
$M7_{1992}$	5.5693464420	0.0408187285	Z	Z/2	0.08	c	2031	hokababcegffgfhqkaaff
$M7_{1993}$	5.5697822196	0.1483394364	Z/2+Z	Z/2	0.11	c	2032	hgkadabcefgfgfhqsaqff
$M7_{1994}$	5.5706924681	0.2266514353	Z	Z/2	0.26	c	2033	hdlaeceefegfgduxduqbk
$M7_{1995}$	5.5709963375	0.1920433140	Z	Z/2	0.17	c	2034	hhkaeabdfegfgfhfqhhng
$M7_{1996}$	5.5719551681	0.2019120591	Z/2+Z	Z/2	0.06	c	2035	hokababcegfggfhqkaaof
$M7_{1997}$	5.5732231307	0.1590585189	Z	Z/2	0.07	c	2036	hokacabcegffgfhqsaakn
$M7_{1998}$	5.5736091128	0.0000000000	Z/2+Z/4+Z	D2	0.50	c	2037	hblafacdefgggknaaaakn
$M7_{1999}$	5.5737491874	0.0742415104	Z	Z/2	0.27	c	2038	hlkaiabdfeeggfanqxnqk
$M7_{2000}$	5.5743899490	0.0096243128	Z/11+Z	Z/2	0.20	c	2039	hlkaeabdfegfgfhoqqabf
$M7_{2001}$	5.5745158177	0.0409025104	Z/5+Z	D2	0.35	c	2040	hfhabbcdffggguknuwrfj
$M7_{2002}$	5.5745158177	0.2090974896	Z/11+Z	D2	0.35	c	2041	hfhacbcdffggguknduwbos
$M7_{2003}$	5.5753904685	0.1030551515	Z	Z/2	0.20	c	2042	hnkaiabdfeeggfhgqxgqf
$M7_{2004}$	5.5760270636	0.2482722654	Z/2+Z	Z/2	0.10	c	2043	hojababcegffgfhhbxqko
$M7_{2005}$	5.5764253605	0.1581163863	Z/2+Z	Z/2	0.22	c	2044	hblafacdefgfgknhhhqfb
$M7_{2006}$	5.5766123736	0.0188675980	Z	Z/2	0.20	c	2045	hcoajacdefeggfkaaakhg
$M7_{2007}$	5.5774494678	0.0475972076	Z	Z/2	0.45	c	2046	hjhabdecegffgheneawkf
$M7_{2008}$	5.5778105206	0.0113210280	Z	Z/2	0.20	c	2047	hboajacedfeggfohaqgqn
$M7_{2009}$	5.5780876004	0.0848939761	Z	Z/2	0.18	c	2048	hlkaiabdfeeggfhoqxgqf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2010}$	5.5781887618	0.0098113275	Z	Z/2	0.21	c	2049	hlkaeabdfegfgfhvhhhng
$M7_{2011}$	5.5793127837	0.1457417042	Z	D2	1.23	c	2051	hjpaadfedgfggfmcbdmlw
$M7_{2012}$	5.5793127837	0.1042582958	Z	D2	0.64	c	2050	hapafdeedfgggnbfnhifw
$M7_{2013}$	5.5800604949	0.2213162107	Z	Z/2	0.23	c	2052	hnkaeabdfegfgfhghxhnk
$M7_{2014}$	5.5802006436	0.1716254921	Z/2+Z	Z/2	0.10	c	2053	hgjadabcegffgfhhvqhfb
$M7_{2015}$	5.5807222846	0.1269672452	Z/3+Z	D2	0.35	c	2054	hnfabbcdegfggaaacachm
$M7_{2016}$	5.5815299825	0.2244507792	Z	Z/2	0.10	c	2055	hokababcegffgfhqgxqfn
$M7_{2017}$	5.5816365458	0.2257368656	Z	Z/2	0.10	c	2056	hokababcegffgfhqgxqgb
$M7_{2018}$	5.5818373664	0.0760032614	Z	Z/2	0.50	c	2057	hcpacdceeggfgrrrnuxfo
$M7_{2019}$	5.5821297875	0.2403783484	Z/2+Z	Z/2	0.22	c	2058	hnkaiabdfeeggfhghhfan
$M7_{2020}$	5.5823261045	0.0660224959	Z	Z/2	0.07	c	2059	hgkadabcefgfgfhqbaqfg
$M7_{2021}$	5.5829222426	0.1867157990	Z/5+Z	Z/2	0.21	c	2060	hlkaiabdfeeggfhoxqkhf
$M7_{2022}$	5.5831899650	0.1840114442	Z	Z/2	0.07	c	2061	hgkadabcefgfgfhqbxabn
$M7_{2023}$	5.5835557200	0.2455685290	Z	Z/2	0.50	c	2062	hdpaaffdgdfeguxkdnugn
$M7_{2024}$	5.5837278659	0.1457670252	Z/13+Z	Z/2	0.14	c	2063	hokacabcegffgfaqvxqbg
$M7_{2025}$	5.5854613231	0.0472690678	Z	Z/2	0.20	c	2064	hlkaeabdfegfgfanaxanf
$M7_{2026}$	5.5859403754	0.2286847852	Z/2+Z	Z/2	0.10	c	2065	hokacabcegffgfhqsaqff
$M7_{2027}$	5.5863616077	0.1764019761	Z/8+Z	D2	0.18	c	2066	hlkaeabdfegggfhoxxhaq
$M7_{2028}$	5.5863616077	0.0735980239	Z/20+Z	D2	0.18	c	2067	hlkaiabdfeeggfhoxxohf
$M7_{2029}$	5.5867418102	0.2062724361	Z/2+Z	Z/2	0.16	c	2068	hhkaiabdfeeggfhbqhkqo
$M7_{2030}$	5.5879893409	0.0116326493	Z	Z/2	0.21	c	2069	hnfaebcdefgfgaaannhfo
$M7_{2031}$	5.5880028896	0.2290656075	Z	Z/2	0.19	c	2070	hbnajacedfegggbqqanab
$M7_{2032}$	5.5889361025	0.2336878453	Z	Z/2	0.16	c	2071	hhkababfgeeggfhhhhkfo
$M7_{2033}$	5.5898266384	0.1568945257	Z/3+Z	Z/2	0.41	c	2072	hdlaccfeffgegetameqbf
$M7_{2034}$	5.5899182885	0.1475732374	Z	Z/2	0.09	c	2073	hgkadabcefgfgfhqsaqng
$M7_{2035}$	5.5907217368	0.1688886734	Z	Z/2	0.19	c	2074	hcoajacdefeggfkaaqkqb
$M7_{2036}$	5.5913714635	0.0333779985	Z/13+Z	Z/2	0.17	c	2075	hlkaeabdfegfgfhohqanf
$M7_{2037}$	5.5919139092	0.1598654598	Z/7+Z	D2	0.36	c	2076	hlkababdfgfggfanhojnj
$M7_{2038}$	5.5921045191	0.0973516690	Z	Z/2	0.21	c	2077	hnfaebcdefgfgaaaknqfg
$M7_{2039}$	5.5922177450	0.0300306476	Z/2+Z	D2	0.48	c	2078	hcoafacdefgggfkahqhcn
$M7_{2040}$	5.5930525518	0.2103932884	Z	Z/2	0.26	c	2079	hlkaiabdfeeggfanaqfab
$M7_{2041}$	5.5930779844	0.0865459047	Z	Z/2	0.18	c	2080	hnkaeabdfegfgfhgqxhkk
$M7_{2042}$	5.5931470231	0.1510665493	Z	Z/2	0.09	c	2081	hokababcegffgfhqkaxnn
$M7_{2043}$	5.5937888320	0.2230150294	Z	Z/2	0.16	c	2082	hhkaiabdfeeggfhfqhkqo
$M7_{2044}$	5.5949411709	0.1916187583	Z	Z/2	0.30	c	2083	hlkaiabdfeeggfanqqfhk
$M7_{2045}$	5.5951953658	0.0050887191	Z	Z/2	0.18	c	2084	hnkaiabdfeeggfhgqxoaf
$M7_{2046}$	5.5962256344	0.2029503706	Z	Z/2	0.16	c	2085	hhkaeabdfegfgfhbqhabb
$M7_{2047}$	5.5970926037	0.0880116475	Z	Z/2	0.69	c	2086	hipaccedfggfggvghtuxk
$M7_{2048}$	5.5972090003	0.2089029392	Z	Z/2	0.13	c	2087	hcoakacdedfggfkxhkhho
$M7_{2049}$	5.5979325828	0.1535904822	Z	Z/2	0.20	c	2088	hlkababdegfggfanqbbks
$M7_{2050}$	5.5980593235	0.2051393471	Z	Z/2	0.26	c	2089	hlkaeabdfegfgfanaqhnk

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$M7_{2051}$	5.5995594175	0.1992286186	Z	Z/2	0.13	c	2090	hokacabcegffgfhqgqaff
$M7_{2052}$	5.6000266585	0.0803728932	Z	Z/2	0.19	c	2091	hhkaiabdfeeggfhfhhfab
$M7_{2053}$	5.6003188123	0.0587321748	Z/6+Z	Z/2	0.27	c	2092	hhjaibaeffeggafpqdalg
$M7_{2054}$	5.6005615054	0.1496219398	Z/6+Z	Z/2	0.27	c	2093	hdhaecffefgegeiqexqfg
$M7_{2055}$	5.6005615054	0.2253780602	Z/2+Z	Z/2	0.27	c	2094	hjlabacdgffggfnxhnwdl
$M7_{2056}$	5.6008021122	0.2093196657	Z	Z/2	0.22	c	2095	hlkaiabdfeeggfhohqbab
$M7_{2057}$	5.6009181399	0.0935149623	Z	Z/2	0.19	c	2096	hhkaiabfffeggfhhaqxhk
$M7_{2058}$	5.6009954649	0.1579286968	Z/5+Z	Z/2	0.22	c	2097	hhjaibadfeegghkfqxgaf
$M7_{2059}$	5.6011087855	0.1233679432	Z	Z/2	0.22	c	2098	hboafacedfgfgfnhaaqfn
$M7_{2060}$	5.6014708059	0.1657519129	Z/2+Z	D2	1.15	c	2099	hbpabedfdgfggogxfeueg
$M7_{2061}$	5.6014708059	0.0842480871	Z/10+Z	D2	0.75	c	2101	hghaccceffffggenphijrg
$M7_{2062}$	5.6014708059	0.1657519129	Z/2+Z/2+Z	Z/2	0.52	c	2100	hepabedegdfggsosaoxjo
$M7_{2063}$	5.6015510207	0.1851554983	Z/23+Z	D2	0.17	c	2102	hnkaeabdfegfgfhghqafk
$M7_{2064}$	5.6015510207	0.0648445017	Z/3+Z	D2	0.17	c	2103	hnkaeabdfegggfhghqaml
$M7_{2065}$	5.6031612426	0.0763565311	Z	Z/2	0.39	c	2104	hcnajbddeefggpowmtfhk
$M7_{2066}$	5.6039986211	0.1520856049	Z	Z/2	0.08	c	2105	hokababcegffgfhqkaxbf
$M7_{2067}$	5.6042827652	0.1903466780	Z/2+Z	Z/2	0.21	c	2106	hhjaebadfegfgafgqaagn
$M7_{2068}$	5.6045925552	0.0044055036	Z	Z/2	0.20	c	2107	hhkaiabdfeeggfhbqqbaf
$M7_{2069}$	5.6054924769	0.0857287017	Z	Z/2	0.18	c	2108	hhkaeabdfegfgfhfqxhnk
$M7_{2070}$	5.6076196251	0.1101384624	Z	Z/2	0.28	c	2109	hknaebbdefgfghgkhhqfb
$M7_{2071}$	5.6085120183	0.2288512339	Z	Z/2	0.08	c	2110	hokacabcegffgfhqsaqgn
$M7_{2072}$	5.6124395621	0.0845373503	Z/2+Z	Z/2	0.26	c	2111	hdlaeceefegfgduxduqnk
$M7_{2073}$	5.6124395621	0.2095373503	Z/2+Z	Z/2	0.26	c	2112	hkoabacdgfgfgnkaqfpkp
$M7_{2074}$	5.6124932423	0.1387709910	Z	Z/2	0.12	c	2113	hgkadabcegffgfaqvqqbk
$M7_{2075}$	5.6128274918	0.1934486963	Z	Z/2	0.12	c	2114	hgkadabcefgfgfhqsaxnk
$M7_{2076}$	5.6128358232	0.0132583983	Z	Z/2	0.24	c	2115	hnkaiabdefeggfasqxoqg
$M7_{2077}$	5.6140491001	0.2160186038	Z	Z/2	0.12	c	2116	hgjadabcegffgfhhvxhff
$M7_{2078}$	5.6141911021	0.0874508804	Z	Z/2	0.17	c	2117	hcoajacdefeggfkaaakan
$M7_{2079}$	5.6145058741	0.1491719684	Z	Z/2	0.19	c	2118	hhkaiabeefeggfhqaqhak
$M7_{2080}$	5.6146264293	0.1433364942	Z/5+Z	D2	0.32	c	2119	hknabbbdefggghgkqsfks
$M7_{2081}$	5.6147955103	0.1652303296	Z/2+Z	Z/2	0.24	c	2120	hhkababeeffggnatttjck
$M7_{2082}$	5.6148208368	0.1217369266	Z	Z/2	0.15	c	2121	hhkaeabdfegfgfhbqhhng
$M7_{2083}$	5.6163656395	0.0323683220	Z/6+Z	D2	0.47	c	2123	hnfaebcdefgggaaakkqqx
$M7_{2084}$	5.6163656395	0.0323683220	Z/2+Z	D2	0.23	c	2122	hlkaiabefeeggfhhxaqhf
$M7_{2085}$	5.6168132827	0.0015406643	Z	Z/2	0.20	c	2125	hhjaibadfeegghkfhxghf
$M7_{2086}$	5.6171299631	0.1759780046	Z	Z/2	0.21	c	2126	hlkaeabdfegfgfhoqxqkn
$M7_{2087}$	5.6175570876	0.0790853730	Z	Z/2	0.22	c	2127	hdnabbfdegffgapothbgf
$M7_{2088}$	5.6184352996	0.0162885122	Z/2+Z	Z/2	0.18	c	2128	hhkaiabdfeeggfhbxhkqn
$M7_{2089}$	5.6186071434	0.0834620161	Z/22+Z	D2	0.16	c	2129	hlkaeabdfegfgfhoqhabn
$M7_{2090}$	5.6186071434	0.1665379839	Z/2+Z	D2	0.16	c	2130	hlkaeabdfegggfhoqhaip
$M7_{2091}$	5.6188247795	0.1119841925	Z/3+Z	Z/2	0.19	c	2131	hnkaeabdfegfgfhvqqqko

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$M7_{2092}$	5.6200349228	0.1558221129	Z/2+Z	Z/2	0.23	c	2132	hlkaiabdfeeggfhoqqbak
$M7_{2093}$	5.6201376148	0.0866435545	Z/17+Z	Z/2	0.28	c	2133	hlkaeabdfegfgfanqqqgk
$M7_{2094}$	5.6203617004	0.2048363563	Z/24+Z	D2	0.16	c	2134	hkoaeacdfegggfkaknadl
$M7_{2095}$	5.6203617004	0.0451636437	Z/12+Z	D2	0.16	c	2135	hkoaeacdfegggfkaknamu
$M7_{2096}$	5.6203884515	0.2133858857	Z	Z/2	0.29	c	2136	hhjaibadfeeggafkqafhk
$M7_{2097}$	5.6207994295	0.2232110587	Z	Z/2	0.12	c	2137	hcoakacdedfggfkxakaan
$M7_{2098}$	5.6210453263	0.1401819121	Z	Z/2	0.23	c	2138	hnkaiabdfeeggfhghxghg
$M7_{2099}$	5.6210497804	0.0974212225	Z	Z/2	0.18	c	2139	hnkaiabdfeeggfhvqqnqf
$M7_{2100}$	5.6241274810	0.1586200075	Z	Z/2	0.39	c	2140	hkhaibddeefggucctxcqb
$M7_{2101}$	5.6244679577	0.2191761070	Z/11+Z	Z/2	0.19	c	2141	hlkaeabdfegfgfanaxafk
$M7_{2102}$	5.6257621695	0.0698928040	Z	Z/2	0.24	c	2142	hlkaeabdfegfgfanqxagf
$M7_{2103}$	5.6266827189	0.2236897455	Z	Z/2	0.24	c	2143	hnkaiabdfeeggfhgqhnqf
$M7_{2104}$	5.6267734562	0.1028407618	Z	Z/2	0.18	c	2144	hhkaiabdfeeggfhfqxgqo
$M7_{2105}$	5.6271040842	0.1683623337	Z/3+Z	Z/2	0.38	c	2145	hdhaicffefdggeiqexbhg
$M7_{2106}$	5.6300594818	0.2461500666	Z/21+Z	D2	0.16	c	2146	hhjabbadefggghkfhoojs
$M7_{2107}$	5.6300594818	0.0038499334	Z/5+Z	D2	0.16	c	2147	hhjabbadefggghkfhooof
$M7_{2108}$	5.6302128237	0.1528914599	Z	Z/2	0.11	c	2148	hokababcegffgfaqbqqbn
$M7_{2109}$	5.6304423173	0.0534414454	Z	Z/2	0.22	c	2149	hlkaiabdfeeggfhvxhkhf
$M7_{2110}$	5.6306917299	0.0924892901	Z/27+Z	D2	0.16	c	2150	hnkaeabdfegfgfhgqqqbg
$M7_{2111}$	5.6306917299	0.1575107099	Z/7+Z	D2	0.16	c	2151	hnkaeabdfegggfhgqqqah
$M7_{2112}$	5.6316636433	0.0216975218	Z	Z/2	0.17	c	2152	hnkaeabdfegfgfhgqxqbn
$M7_{2113}$	5.6320815971	0.1459755163	Z	Z/2	0.11	c	2153	hokacabcegffgfaqvhhfn
$M7_{2114}$	5.6341599619	0.2486806701	Z	Z/2	0.18	c	2154	hhkaiabfffeggfhhaqhan
$M7_{2115}$	5.6343292230	0.1508847622	Z	Z/2	0.11	c	2155	hokababcegffgfaqbxhfo
$M7_{2116}$	5.6344517628	0.2212957106	Z	Z/2	0.11	c	2156	hojababcegffgfhhfqxgb
$M7_{2117}$	5.6349351155	0.0394034865	Z	Z/2	0.51	c	2157	hcpabdedffeggckcuxkco
$M7_{2118}$	5.6356775793	0.0481058964	Z/10+Z	D2	0.46	c	2158	hblafacdefgggfnxxaank
$M7_{2119}$	5.6364819315	0.0648977614	Z	Z/2	0.28	c	2159	hcoafacdefgfgfkxahagf
$M7_{2120}$	5.6368378321	0.1133708341	Z	Z/2	0.18	c	2160	hhkababfgeeggfhhhxgfo
$M7_{2121}$	5.6368421907	0.1075378341	Z	Z/2	0.22	c	2161	hhkaiabeeffggfhuuqupn
$M7_{2122}$	5.6381729063	0.0699108576	Z	Z/2	0.18	c	2162	hnkaiabdfeeggfhgqxoqg
$M7_{2123}$	5.6382476720	0.2005159527	Z	Z/2	0.41	c	2163	hjlabacdgffggknhhfoml
$M7_{2124}$	5.6387031131	0.0045069609	Z/9+Z	Z/2	0.18	c	2164	hnfaibcdefegghhhofkhf
$M7_{2125}$	5.6387218228	0.1338455847	Z	Z/2	0.10	c	2165	hokababcegffgfaqfqxgb
$M7_{2126}$	5.6387729489	0.1909898521	Z	Z/2	0.59	c	2166	hdpaaffdgdfeguxndnufn
$M7_{2127}$	5.6387977880	0.2257915613	Z/3+Z	Z/2	0.19	c	2167	hnkaiabdfeeggfhghxoab
$M7_{2128}$	5.6390253126	0.0307127801	Z/3+Z	Z/2	0.29	c	2168	hnlaaacfdgffgfnwffbnk
$M7_{2129}$	5.6398623242	0.1360047126	Z/3+Z	Z/2	0.29	c	2169	hpkaaabgfeefgfhxqhfng
$M7_{2130}$	5.6399240114	0.0008594857	Z	Z/2	0.17	c	2170	hhkaeabdfegfgfhbxhhog
$M7_{2131}$	5.6404577597	0.0023047664	Z	Z/2	0.16	c	2171	hlkaiabdfeeggfhohxohg
$M7_{2132}$	5.6408766615	0.0211528038	Z	Z/2	0.17	c	2172	hhkaeabdfegfgfhbqqabf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2133}$	5.6411148551	0.2226127272	Z	Z/2	0.44	c	2173	hdpaaffdgdefguxndnbln
$M7_{2134}$	5.6414888470	0.1625695251	Z/11+Z	D2	0.15	c	2174	hnkababdegfggfhgqbbfo
$M7_{2135}$	5.6414888470	0.0874304749	Z/3+Z/3+Z	D2	0.15	c	2175	hnkababdegfggfhgqbbsj
$M7_{2136}$	5.6418193496	0.1911658772	Z/3+Z	Z/2	0.19	c	2176	hboafacedfgfgfnhaqqgn
$M7_{2137}$	5.6418998062	0.2038820266	Z	Z/2	0.17	c	2177	hnkaeabdfegfgfhghqqfg
$M7_{2138}$	5.6425877005	0.2315139734	Z/14+Z	Z/2	0.22	c	2178	hhkaeabffegfgfhtttrcb
$M7_{2139}$	5.6438151354	0.0142902511	Z/13+Z	Z/2	0.15	c	2179	hlkaeabdfegfgfhohxqnn
$M7_{2140}$	5.6439611680	0.1319217788	Z/13+Z	Z/2	0.10	c	2180	hokababcegffgfaqfhhkf
$M7_{2141}$	5.6443007122	0.1839132590	Z	Z/2	0.10	c	2181	hokacabcegffgfhqsxqgb
$M7_{2142}$	5.6444294066	0.0611609611	Z/14+Z	D2	0.15	c	2182	hlkababdegfggfhohffgb
$M7_{2143}$	5.6444294066	0.1888390389	Z/6+Z	D2	0.15	c	2183	hlkababdegfggfhohffrw
$M7_{2144}$	5.6448732772	0.1059013757	Z	Z/2	0.15	c	2184	hlkaiabdfeeggfhohxgab
$M7_{2145}$	5.6466707890	0.2054898581	Z	Z/2	0.21	c	2185	hhjaebadfegfgafgqahgo
$M7_{2146}$	5.6467693566	0.2433403810	Z	Z/2	0.17	c	2186	hhkaeabdfegfgfhfqhann
$M7_{2147}$	5.6468508983	0.0680812556	Z	Z/2	0.15	c	2187	hcoajacdefeggfkaaqkhf
$M7_{2148}$	5.6470865040	0.2043936863	Z	Z/2	0.10	c	2188	hojababcegffgfhhbxhfo
$M7_{2149}$	5.6474845679	0.0915936580	Z/2+Z	Z/2	0.50	c	2189	hcpaccfeefgfgbisoqqin
$M7_{2150}$	5.6482270286	0.0056736119	Z/19+Z	Z/2	0.26	c	2190	hblafacdefgfgkrxaaanf
$M7_{2151}$	5.6496985771	0.1861111894	Z	Z/2	0.21	c	2191	hbpacdcefgffgoskdqpdn
$M7_{2152}$	5.6497382906	0.2407774574	Z	Z/2	0.18	c	2192	hnkaiabdfeeggfhvxqnhf
$M7_{2153}$	5.6503809754	0.0632494726	Z/3+Z	Z/2	0.17	c	2193	hlkacabdffgggfanqfgkj
$M7_{2154}$	5.6504459922	0.0685103644	Z/3+Z	Z/2	0.40	c	2194	hhjaiabeffeggbauhuueb
$M7_{2155}$	5.6520416738	0.1011957287	Z	Z/2	0.17	c	2195	hnkababdfgfggnabqsckk
$M7_{2156}$	5.6521495429	0.1977013767	Z/3+Z	Z/2	0.21	c	2196	hhjaibaeffeggafpqdalf
$M7_{2157}$	5.6521694175	0.1927269407	Z	Z/2	0.10	c	2197	hgkadabcefgfgfhqsqqgf
$M7_{2158}$	5.6523007516	0.1272530753	Z/3+Z	Z/2	0.20	c	2198	hlkacabdffgggfhohrobb
$M7_{2159}$	5.6531701396	0.2167729180	Z	Z/2	0.10	c	2199	hgjadabcegffgfhhvqqbk
$M7_{2160}$	5.6532787593	0.1839012478	Z	Z/2	0.78	c	2200	hepacdedfegggnbnabqkn
$M7_{2161}$	5.6548892752	0.1057935408	Z	Z/2	0.44	c	2201	hpdaabceegfggaafwbbfn
$M7_{2162}$	5.6562441767	0.1102584001	Z/2+Z	D2	1.17	c	2203	hgpaaddgffgfgnnduxlmp
$M7_{2163}$	5.6562441767	0.1102584001	Z/2+Z	D2	0.62	c	2202	hepacedfedfggsolgoisk
$M7_{2164}$	5.6562441767	0.1935917334	Z/28+Z	D2	0.14	c	2204	hlkaeabdfegfgfhohhhfo
$M7_{2165}$	5.6562441767	0.0564082666	Z/8+Z	D2	0.14	c	2205	hlkaeabdfegggfhohhhaq
$M7_{2166}$	5.6563946452	0.1285966193	Z	Z/2	0.28	c	2206	hlkaiabdfeeggfanqqfqb
$M7_{2167}$	5.6571067499	0.1503781232	Z	Z/2	0.17	c	2207	hnkaeabdfegfgfhgqxqkb
$M7_{2168}$	5.6572146236	0.0582587615	Z/2+Z	Z/2	0.62	c	2209	hdpaaffdgdfgguxndnuml
$M7_{2169}$	5.6572146236	0.2249254281	Z/4+Z	Z/2	0.43	c	2210	hpdaabceegfggaafwbbfo
$M7_{2170}$	5.6586415618	0.1723760935	Z/19+Z	Z/2	0.25	c	2211	hhjaibadfeeggafkqxbhk
$M7_{2171}$	5.6589093122	0.0005283002	Z/3+Z	Z/2	0.16	c	2212	hlkacabdffgggfhohrvbb
$M7_{2172}$	5.6590088241	0.1882891042	Z	Z/2	0.15	c	2213	hokacabcegffgfhqgqxbf
$M7_{2173}$	5.6600027065	0.2026974698	Z	Z/2	0.09	c	2214	hojababcegffgfhhbqqbn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2174}$	5.6611158556	0.2433875599	Z	Z/2	0.25	c	2215	hnkaiabdfeeggfhghhnab
$M7_{2175}$	5.6612571999	0.0138651458	Z	Z/2	0.16	c	2216	hlkababdegfggfhoqggfv
$M7_{2176}$	5.6619331335	0.1332796203	Z	Z/2	0.54	c	2217	hhdabbcdeffggqqmfgvxf
$M7_{2177}$	5.6622540087	0.2434570336	Z	Z/2	0.57	c	2218	hpdaabcffegggqqnffvco
$M7_{2178}$	5.6632224187	0.2405542591	Z	Z/2	0.17	c	2219	hhkaiabdfeeggfhfqhfqg
$M7_{2179}$	5.6635473929	0.0040270896	Z/2+Z	Z/2	0.22	c	2220	hhkaiabdfeeggfhfqxoaf
$M7_{2180}$	5.6642369879	0.1864674230	Z	Z/2	0.56	c	2221	hbpabcffeggfgfemfxueh
$M7_{2181}$	5.6645843120	0.0308046951	Z	Z/2	0.28	c	2222	hlkaiabdfeeggfanaqfhg
$M7_{2182}$	5.6647083013	0.0475142045	Z	Z/2	0.25	c	2223	hcoafacdefgfgfkxaaqbf
$M7_{2183}$	5.6648153785	0.1908153046	Z	Z/2	0.28	c	2224	hnkaiabdefeggfasqxgqf
$M7_{2184}$	5.6649972408	0.0458648790	Z	Z/2	0.20	c	2225	hhkaiabeefeggfhqaqhqg
$M7_{2185}$	5.6650471824	0.1946626704	Z	Z/2	0.15	c	2226	hlkaeabdfegfgfhoqhhbo
$M7_{2186}$	5.6657974578	0.2297522054	Z	Z/2	0.20	c	2227	hnkababdfgfggnabqbckk
$M7_{2187}$	5.6664457817	0.1917482902	Z/4+Z	D2	0.43	c	2229	hddafbcdefgggaahhqqbg
$M7_{2188}$	5.6664457817	0.1917482902	Z/20+Z	D2	0.43	c	2230	hfdafbcdefgggaahhqqbg
$M7_{2189}$	5.6664457817	0.0582517098	Z/16+Z	D2	0.43	c	2231	hfdafbcdefgggaahhqqrw
$M7_{2190}$	5.6664457817	0.0582517098	Z/16+Z	D2	0.22	c	2228	hddafbcdefgfgaahhqqgg
$M7_{2191}$	5.6679375660	0.1783403290	Z	Z/2	0.09	c	2232	hokababcegffgfhqgqqgo
$M7_{2192}$	5.6687666084	0.1417183745	Z/2+Z	Z/2	0.16	c	2233	hhkaiabdfeeggfhbqhkak
$M7_{2193}$	5.6696643455	0.1225787284	Z	Z/2	0.14	c	2234	hlkaeabdfegfgfhohxhfk
$M7_{2194}$	5.6704817373	0.1295619659	Z	Z/2	0.26	c	2235	hhkaeabdfegfgfhfhxqfn
$M7_{2195}$	5.6705836960	0.0939414881	Z	Z/2	0.14	c	2236	hcoajacdefeggfkhaqkqg
$M7_{2196}$	5.6715467066	0.1163998950	Z/7+Z	D2	0.30	c	2237	hhjabbadffggghkfarfrb
$M7_{2197}$	5.6718835436	0.1073050897	Z/4+Z	D2	0.72	c	2238	hdhabbfeegggflpexaerf
$M7_{2198}$	5.6719136113	0.2148047380	Z	Z/2	0.22	c	2239	hhkaiabdfeeggfhfhxoab
$M7_{2199}$	5.6721007255	0.2452588462	Z	Z/2	0.19	c	2240	hdhabcdefgggfageqdkvo
$M7_{2200}$	5.6734381566	0.1798778342	Z	Z/2	0.08	c	2241	hokababcegffgfhqgxakn
$M7_{2201}$	5.6736281633	0.1998069453	Z	Z/2	0.40	c	2242	hfpaaffedfgggmeowmtlp
$M7_{2202}$	5.6750658043	0.2329572884	Z/2+Z	Z/2	0.34	c	2243	hkhaibddeefggucctxchf
$M7_{2203}$	5.6772126026	0.2273591200	Z	Z/2	0.20	c	2244	hnkaeabdfegfgfhgqhabb
$M7_{2204}$	5.6779893845	0.2218303596	Z/7+Z	D2	0.29	c	2245	hnkababdfgfggfhgakcgc
$M7_{2205}$	5.6783980634	0.1835730470	Z	Z/2	0.08	c	2246	hokacabcegffgfhqsaakf
$M7_{2206}$	5.6789297508	0.1044641898	Z/2+Z	Z/2	0.20	c	2247	hhjaibadfeegghkfhxgan
$M7_{2207}$	5.6794365697	0.1964416334	Z	Z/2	0.08	c	2248	hokababcegffgfhqkqxbg
$M7_{2208}$	5.6795793946	0.0241054329	Z	Z/2	0.13	c	2249	hgkadabcegffgfaqvqhfk
$M7_{2209}$	5.6799603700	0.0989118481	Z	Z/2	0.21	c	2250	hhkaeabdfegfgfhbxhagb
$M7_{2210}$	5.6810639673	0.2424114497	Z/2+Z	Z/2	0.20	c	2251	hlkaiabdfeeggfhoqxoqf
$M7_{2211}$	5.6823759237	0.1966434626	Z/2+Z	Z/2	0.22	c	2252	hhjaibaeffeggafpqdadb
$M7_{2212}$	5.6836889853	0.0563142042	Z	Z/2	0.19	c	2253	hhjaibaeffeggafpqdadk
$M7_{2213}$	5.6837439856	0.0237871403	Z	Z/2	0.54	c	2254	hdpaafdeegffguconaiun
$M7_{2214}$	5.6843143331	0.1775924897	Z/2+Z	Z/2	0.20	c	2255	hlkaeabdfegfgfanaxqfg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2215}$	5.6862369551	0.1978507378	Z	Z/2	0.08	c	2256	hokababcegffgfhqkaafn
$M7_{2216}$	5.6869411981	0.0671305214	Z	D2	0.12	c	2257	hnkababdegfggfhgqbbgb
$M7_{2217}$	5.6869411981	0.1828694786	Z/21+Z	D2	0.12	c	2258	hnkababdegfggfhgqbbrw
$M7_{2218}$	5.6876213633	0.0904524857	Z	Z/2	0.21	c	2259	hhjaibadfeegghkfqxgqg
$M7_{2219}$	5.6878270404	0.2246260808	Z	Z/2	0.24	c	2260	hboafacedfgfgfohaaqkn
$M7_{2220}$	5.6881201485	0.1480235992	Z/2+Z	Z/2	0.18	c	2261	hhkaiabfffeggfhhaqhho
$M7_{2221}$	5.6881620067	0.1600602855	Z	Z/2	0.34	c	2262	hblajbddeefgglgsiurab
$M7_{2222}$	5.6889636975	0.0144256215	Z/19+Z	Z/2	0.23	c	2263	hhkaeabdfegfgfhfqxqbn
$M7_{2223}$	5.6897710166	0.1730550932	Z	Z/2	0.16	c	2264	hlkaiabdfeeggfhoqxgaf
$M7_{2224}$	5.6899810140	0.0782936070	Z	Z/2	0.57	c	2265	hdpaacedefgggbgfguqgo
$M7_{2225}$	5.6901717602	0.1898356683	Z	Z/2	0.26	c	2266	hlkaeabdfegfgfanqxqgo
$M7_{2226}$	5.6902633098	0.2212471665	Z	Z/2	0.25	c	2267	hcoafacdefgfgfkhaqabf
$M7_{2227}$	5.6913537686	0.2075870686	Z	Z/2	0.16	c	2268	hlkaeabdfegfgfhohqqnf
$M7_{2228}$	5.6921837817	0.1704593466	Z/11+Z	Z/2	0.15	c	2269	hlkaiabdfeeggfhohxghf
$M7_{2229}$	5.6925149652	0.1216415151	Z/2+Z	Z/2	0.20	c	2270	hlkaiabdfeeggfhohqkhg
$M7_{2230}$	5.6926753123	0.1791281519	Z/4+Z	Z/2	0.33	c	2271	hcnajbddeefggmwwexgqk
$M7_{2231}$	5.6930210913	0.0833333333	Z	Z/2	0.55	c	2272	hbpabddfeggfgngxkdadg
$M7_{2232}$	5.6930440970	0.1821132958	Z	Z/2	0.22	c	2273	hhjaeabdfegfgbaohhqob
$M7_{2233}$	5.6937455895	0.1250000000	Z/2+Z	D2	1.09	c	2274	hdhaedeeffgggaqxqaann
$M7_{2234}$	5.6940328805	0.1380658800	Z	Z/2	0.19	c	2275	hnkaeabdfegfgfhghxqfn
$M7_{2235}$	5.6946231822	0.1643067674	Z	Z/2	0.12	c	2276	hcoajacdefeggfkxaakak
$M7_{2236}$	5.6954548966	0.1259217930	Z	Z/2	0.26	c	2277	hcoafacdefgfgfkhhhhkf
$M7_{2237}$	5.6957022379	0.1394601597	Z	Z/2	0.15	c	2278	hhkaeabdfegfgfhbqhhbo
$M7_{2238}$	5.6961572361	0.0975972556	Z/3+Z	D2	0.28	c	2279	hcnadbbdefggghgkifgvr
$M7_{2239}$	5.6962165810	0.2397115102	Z	Z/2	0.12	c	2280	hokacabcegffgfaqvhqbn
$M7_{2240}$	5.6969408891	0.0553447963	Z/2+Z	Z/2	0.46	c	2281	hbpaefeedfgfghnvnmqdo
$M7_{2241}$	5.6974457193	0.1905487693	Z	Z/2	0.21	c	2282	hlkaeabdfegfgfanaqhff
$M7_{2242}$	5.6976862745	0.0635240087	Z	Z/2	0.20	c	2283	hhkaiabdfeeggfhfqxoqg
$M7_{2243}$	5.6984417509	0.1002983813	Z	D2	0.29	c	2284	hcoadacdefgggnkamtujr
$M7_{2244}$	5.6984417509	0.1497016187	Z/23+Z	D2	0.29	c	2285	hkoabacdffgggnkajjltu
$M7_{2245}$	5.6985248523	0.1401141238	Z	Z/2	0.18	c	2286	hlkaiabdfeeggfhohqbhf
$M7_{2246}$	5.6985452842	0.2485561733	Z/2+Z	Z/2	0.21	c	2287	hhkaiabeeffggfhuuqupb
$M7_{2247}$	5.6985452842	0.1235561733	Z/2+Z	Z/2	0.21	c	2288	hkoabacdgfgfgfkaqfpkp
$M7_{2248}$	5.6987898282	0.1607734503	Z	Z/2	0.20	c	2289	hhkaiabfffeggfhhaqxqb
$M7_{2249}$	5.6990555859	0.0959414372	Z	Z/2	0.35	c	2290	hdhaicffefdggeiqexbab
$M7_{2250}$	5.6994045826	0.2344354028	Z	Z/2	0.12	c	2291	hokababcegffgfaqbxqbo
$M7_{2251}$	5.7000316045	0.1547719517	Z/2+Z	Z/2	0.18	c	2292	hnkaiabdfeeggfhvxqnqb
$M7_{2252}$	5.7010512377	0.2292261824	Z/5+Z	D2	0.52	c	2293	hglabccegffggmfeldwws
$M7_{2253}$	5.7012550345	0.1528180584	Z	Z/2	0.20	c	2294	hnkaeabdfegfgfhghxqnb
$M7_{2254}$	5.7019196587	0.0497499655	Z	Z/2	0.14	c	2295	hlkaeabdfegfgfhohxhnf
$M7_{2255}$	5.7024029256	0.0691653542	Z/4+Z	D2	0.42	c	2296	hkoaeacdefgggfkavvaax

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$M7_{2256}$	5.7024029256	0.0691653542	Z/4+Z	D2	0.42	c	2297	hkoaeacdfegggfkannhhx
$M7_{2257}$	5.7024029256	0.1808346458	Z/8+Z	D2	0.42	c	2298	hkoaeacdfegggfkannhqa
$M7_{2258}$	5.7029549804	0.2333173379	Z	Z/2	0.24	c	2299	hbnafacedfgfgffhhaabn
$M7_{2259}$	5.7032135320	0.0911552233	Z	Z/2	0.23	c	2300	hlkaiabdfeeggfanaxnhg
$M7_{2260}$	5.7032599254	0.1492275435	Z	Z/2	0.28	c	2301	hlkaeabdfegfgfanqqhgf
$M7_{2261}$	5.7039452579	0.2223711790	Z	Z/2	0.61	c	2302	hdpaaeffgdfegnxdegdnn
$M7_{2262}$	5.7047728702	0.0783877617	Z/3+Z	Z/2	0.32	c	2303	hdlaicfefdfggethmkehk
$M7_{2263}$	5.7050033039	0.1677087685	Z/4+Z	D2	0.11	c	2304	hlkababdegfggfhohfffo
$M7_{2264}$	5.7050033039	0.0822912315	Z/24+Z	D2	0.11	c	2305	hlkababdegfggfhohffsj
$M7_{2265}$	5.7052461136	0.1726695089	Z/2+Z	Z/2	0.18	c	2306	hnkaiabdfeeggfhgqxoak
$M7_{2266}$	5.7056559602	0.1854271439	Z	Z/2	0.41	c	2307	hnlaabcgegffgioutmwrk
$M7_{2267}$	5.7057885484	0.1877950719	Z/4+Z	D2	0.40	c	2308	hjlaeacdfefggfnxvcfhf
$M7_{2268}$	5.7059614752	0.0070662829	Z	Z/2	0.14	c	2309	hnkababdfgfggnabakogj
$M7_{2269}$	5.7060247248	0.1174901859	Z	Z/2	0.22	c	2310	hblafacdefgfgkraaaakf
$M7_{2270}$	5.7063125362	0.1055055304	Z	Z/2	0.22	c	2311	hcoafacdefgfgfkxhahbf
$M7_{2271}$	5.7074803423	0.1366757899	Z	Z/2	0.17	c	2312	hhkaiabdfeeggfhfqhfak
$M7_{2272}$	5.7076385065	0.0633736574	Z/2+Z	D2	0.28	c	2313	hcoadacdefgggfkamtujr
$M7_{2273}$	5.7076385065	0.1866263426	Z/22+Z	D2	0.28	c	2314	hkoabacdfggfgfkablpfa
$M7_{2274}$	5.7081627715	0.1991353595	Z	Z/2	0.41	c	2315	hnfaibcdfefggaaannbaf
$M7_{2275}$	5.7095093299	0.1534444501	Z	Z/2	0.22	c	2316	hnkaeabdfegfgfhghhhfg
$M7_{2276}$	5.7103472548	0.0189991452	Z	Z/2	0.11	c	2317	hokababcegffgfaqfhxgf
$M7_{2277}$	5.7123190602	0.1862117194	Z	Z/2	0.24	c	2318	hlkaiabdfeeggfanqxnhk
$M7_{2278}$	5.7126711194	0.1253317753	Z/14+Z	Z/2	0.18	c	2319	hlkaeabdfegfgfhohqaff
$M7_{2279}$	5.7127808883	0.2034246055	Z/2+Z	Z/2	0.42	c	2320	hdlabadfdgfggfxhffcnn
$M7_{2280}$	5.7131392474	0.1662384392	Z	Z/2	0.20	c	2321	hhkaeabdfegfgfhbxhhgo
$M7_{2281}$	5.7152223127	0.1916202069	Z/4+Z	Z/2	0.40	c	2322	hpkaaabgfeefgfhxhhfff
$M7_{2282}$	5.7152690861	0.1211730611	Z/21+Z	Z/2	0.23	c	2323	hboafacedfgfgfohaqqgn
$M7_{2283}$	5.7153612747	0.1901073901	Z	Z/2	0.22	c	2324	hlkaeabdfegfgfanaxqno
$M7_{2284}$	5.7156716984	0.0347595092	Z	Z/2	0.24	c	2325	hnkaiabdfeeggfhgqhnaf
$M7_{2285}$	5.7161821774	0.1403958525	Z	Z/2	0.22	c	2326	hlkaiabdfeeggfhoqqkaf
$M7_{2286}$	5.7169252468	0.0505438880	Z/2+Z	Z/2	0.19	c	2327	hnkaeabdfegfgfhghxhnf
$M7_{2287}$	5.7172052188	0.1692364290	Z	Z/2	0.11	c	2328	hgjadabcegffgfhhvqhfk
$M7_{2288}$	5.7175251951	0.0295712671	Z	Z/2	0.25	c	2329	hhjaebadfegfgafgqahog
$M7_{2289}$	5.7178780062	0.0383851841	Z/2+Z	Z/2	0.17	c	2330	hlkaiabdfeeggfhohqban
$M7_{2290}$	5.7186795943	0.2460971604	Z/2+Z	Z/2	0.18	c	2331	hnkaeabdfegfgfhgqxhkf
$M7_{2291}$	5.7190766211	0.1925821991	Z	Z/2	0.27	c	2332	hnkaiabdfeeggfhghhnhf
$M7_{2292}$	5.7197634858	0.1468024296	Z/4+Z	Z/2	0.19	c	2333	hhkaiabdfeeggfhfhhfhf
$M7_{2293}$	5.7204997616	0.1834615986	Z	D2	1.17	c	2334	hkpaaecffegggfnhxktmr
$M7_{2294}$	5.7204997616	0.0665384014	Z	D2	0.59	c	2335	hkpaaeedffgggfbohxtmr
$M7_{2295}$	5.7209848437	0.0117317647	Z/2+Z	Z/2	0.19	c	2336	hhjaibadfeegghkfqxgak
$M7_{2296}$	5.7217448986	0.1314133933	Z	Z/2	0.23	c	2337	hcoafacdefgfgfkxaaanf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2297}$	5.7224228921	0.0247406214	Z	Z/2	0.25	c	2338	hlkaiabdfeeggfanqqfhf
$M7_{2298}$	5.7228259481	0.1604866899	Z/10+Z	D2	0.41	c	2339	hcoafacdefgggfkaaaakn
$M7_{2299}$	5.7230549137	0.1578646240	Z	Z/2	0.20	c	2340	hnkaiabdfeeggfhghxohf
$M7_{2300}$	5.7239566737	0.0333045080	Z	Z/2	0.24	c	2341	hboafacedfgfgfohaqhok
$M7_{2301}$	5.7240071728	0.0196727367	Z	Z/2	0.21	c	2342	hcoafacdefgfgfkxaaabk
$M7_{2302}$	5.7242159709	0.1221028890	Z	Z/2	0.56	c	2343	hdhabdfefgggfahxaitbw
$M7_{2303}$	5.7242879012	0.0531952726	Z	Z/2	0.61	c	2344	hhdacbcefegggqqibfedl
$M7_{2304}$	5.7243880548	0.2291666667	Z/2+Z/4+Z	D2	0.41	c	2345	hflacaceegfggknacacax
$M7_{2305}$	5.7243880548	0.2291666667	Z/2+Z/4+Z	D2	0.41	c	2346	hflacaceegfggknanhkhx
$M7_{2306}$	5.7243880548	0.0208333333	Z/2+Z/2+Z	D2	0.41	c	2347	hflacaceegfggknanhkqa
$M7_{2307}$	5.7249183713	0.1927690045	Z	Z/2	0.10	c	2348	hgkadabcefgfgfhqsaqnf
$M7_{2308}$	5.7254193102	0.2109582677	Z	Z/2	0.16	c	2349	hnkababdegfggfhghoovo
$M7_{2309}$	5.7255777176	0.0895176641	Z	Z/2	0.10	c	2350	hojababcegffgfhhbxqbo
$M7_{2310}$	5.7277922859	0.2461608152	Z	Z/2	0.26	c	2351	hcoafacdefgfgfkhhqqbk
$M7_{2311}$	5.7284171708	0.2070167744	Z/2+Z	Z/2	0.20	c	2352	hlkaeabdfegfgfanaqqfb
$M7_{2312}$	5.7293813689	0.2368210167	Z/10+Z	D2	0.39	c	2354	hnfaebcdefgggaaannhaq
$M7_{2313}$	5.7293813689	0.2368210167	Z/14+Z	D2	0.20	c	2353	hhkaiabfffeggfhhaqxhf
$M7_{2314}$	5.7295175758	0.1077502782	Z/3+Z	Z/2	0.12	c	2356	hlkacabdffgggfhoqkbfc
$M7_{2315}$	5.7301829364	0.2396760769	Z/2+Z	Z/2	0.17	c	2357	hlkaeabdfegfgfhoqxhbk
$M7_{2316}$	5.7302799271	0.0546838737	Z	Z/2	0.49	c	2358	hdpaaffdgdfeguxnunugn
$M7_{2317}$	5.7313431352	0.0008388193	Z	Z/2	0.40	c	2359	hnfaibcdfefggaaannbqf
$M7_{2318}$	5.7319260351	0.0866582383	Z	Z/2	0.27	c	2360	hhjaiabdfeeggnqchhfhg
$M7_{2319}$	5.7321047868	0.1778293261	Z/25+Z	D2	0.27	c	2361	hkoabacdfggfgnkajalkp
$M7_{2320}$	5.7321047868	0.0721706739	Z	D2	0.27	c	2362	hkoabacdgfgfgnkadravu
$M7_{2321}$	5.7335692141	0.2447389928	Z	Z/2	0.19	c	2363	hlkaeabdfegfgfhoqxhkf
$M7_{2322}$	5.7336297253	0.1585461575	Z	Z/2	0.21	c	2364	hnkaiabdfeeggfhgqxgaf
$M7_{2323}$	5.7342311368	0.1233535966	Z/2+Z	D2	0.39	c	2365	hflaeacfeffggknmwkwmf
$M7_{2324}$	5.7346906416	0.1735659805	Z/8+Z	D2	0.26	c	2366	hlkababdfgfggfhoancoc
$M7_{2325}$	5.7346917686	0.1885602956	Z/5+Z	Z/2	0.26	c	2367	hcoafacdefgfgfkhhqhbf
$M7_{2326}$	5.7366075921	0.2189607790	Z/9+Z	Z/2	0.35	c	2368	hhjaiabeffeggbauhuuen
$M7_{2327}$	5.7374709218	0.1277391537	Z	Z/2	0.35	c	2369	hhkaiabffeeggfhttthef
$M7_{2328}$	5.7384190656	0.2197700360	Z	Z/2	0.15	c	2370	hlkababdegfggfanqbbbs
$M7_{2329}$	5.7401614986	0.1733259522	Z	Z/2	0.66	c	2371	hdpaaefdgdffgnxndnmlb
$M7_{2330}$	5.7414952357	0.0354506894	Z/2+Z	Z/2	0.15	c	2372	hhkaeabdfegfgfhbqhabn
$M7_{2331}$	5.7415851715	0.0655210577	Z	Z/2	0.09	c	2373	hokababcegffgfhqgxqgn
$M7_{2332}$	5.7418047144	0.1183849461	Z	Z/2	0.21	c	2374	hhjaibadfeeggafkqafhf
$M7_{2333}$	5.7428711761	0.2477748190	Z/2+Z	Z/2	0.35	c	2375	hdfakbcedefggaaqqbaab
$M7_{2334}$	5.7451663856	0.2440628401	Z	Z/2	0.20	c	2376	hlkaeabdfegfgfhoqqqbf
$M7_{2335}$	5.7455365750	0.2498018251	Z	Z/2	0.19	c	2377	hhkaiabdfeeggfhfhhfan
$M7_{2336}$	5.7457152103	0.2415263182	Z	Z/2	0.36	c	2378	hapajdcdeefggngknbqqk
$M7_{2337}$	5.7470592387	0.0695264894	Z/17+Z	Z/2	0.09	c	2379	hokacabcegffgfhqsaqgf

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$M7_{2338}$	5.7475371930	0.2487620860	Z	Z/2	0.80	c	2380	hdhabcdegfeggmvxuhfwo
$M7_{2339}$	5.7475371930	0.1679045807	Z/4+Z	Z/2	0.50	c	2381	hhnaabdfgeffgawdadbkb
$M7_{2340}$	5.7483044787	0.2414890144	Z	Z/2	0.19	c	2382	hnkaeabdfegfgfhgqhakn
$M7_{2341}$	5.7494701991	0.1531294958	Z/2+Z	Z/2	0.18	c	2383	hlkaeabdfegfgfhoqxqkb
$M7_{2342}$	5.7507806135	0.0672908734	Z	Z/2	0.50	c	2384	hdpaaffdgdefguxndnkln
$M7_{2343}$	5.7520094608	0.1192899793	Z/3+Z	Z/2	0.22	c	2385	hnkaiabdfeeggfhghxgab
$M7_{2344}$	5.7528218496	0.1647423145	Z	Z/2	0.17	c	2386	hhkaiabdfeeggfhfqxoak
$M7_{2345}$	5.7547726580	0.0558949994	Z/18+Z	Z/2	0.18	c	2387	hnkaiabdfeeggfhghxoan
$M7_{2346}$	5.7561535085	0.1297905818	Z/15+Z	D2	0.52	c	2388	hcnafbcedfggglkubqhmd
$M7_{2347}$	5.7561535085	0.1202094182	Z/7+Z	D2	0.52	c	2389	hcnafbcedfggglkubqhul
$M7_{2348}$	5.7562233433	0.1889934575	Z	Z/2	0.08	c	2390	hokababcegffgfhqkaxbn
$M7_{2349}$	5.7584287987	0.2265837003	Z/2+Z	Z/2	0.15	c	2391	hlkaiabdfeeggfhohxgan
$M7_{2350}$	5.7585900180	0.1250401578	Z	Z/2	0.39	c	2392	hpdaabceefgggaafoknfo
$M7_{2351}$	5.7594599983	0.0927049266	Z	Z/2	0.39	c	2393	hpkaaabgfeefgfhxqqbnf
$M7_{2352}$	5.7598628763	0.2464982648	Z	Z/2	0.26	c	2394	hlkaeabdfegfgfanqqqgb
$M7_{2353}$	5.7599212104	0.1125477524	Z	Z/2	0.53	c	2395	hcpabdfdgfeggcuctxkuc
$M7_{2354}$	5.7601063317	0.0036946482	Z	Z/2	0.18	c	2396	hnkaiabdfeeggfhvqqbaf
$M7_{2355}$	5.7603328941	0.1928444529	Z	Z/2	0.25	c	2397	hhjaeabdfegfgbaohhqgk
$M7_{2356}$	5.7605458608	0.2339675259	Z	Z/2	0.20	c	2398	hcoafacdefgfgfkxahaof
$M7_{2357}$	5.7618203900	0.1420836243	Z/20+Z	D2	0.24	c	2399	hcoadacdegfggnkahttng
$M7_{2358}$	5.7618203900	0.1079163757	Z/4+Z	D2	0.24	c	2400	hkoabacdfgfggnkakhjep
$M7_{2359}$	5.7618245897	0.2491277196	Z	Z/2	0.38	c	2401	hnlaaacdfgffgkngbfjnk
$M7_{2360}$	5.7619500168	0.1792339876	Z/2+Z	D2	0.37	c	2402	hflaccceegfggdkxmhsvk
$M7_{2361}$	5.7621767054	0.0948470451	Z	Z/2	0.54	c	2403	hdpaaffdgdfeguxkunuff
$M7_{2362}$	5.7628649230	0.0511291677	Z	Z/2	0.37	c	2404	hflacaceeffggknacschn
$M7_{2363}$	5.7629072922	0.2417742404	Z	Z/2	0.19	c	2405	hbnafacedfgfgffhhaanb
$M7_{2364}$	5.7635437349	0.0642515931	Z/3+Z	Z/2	0.14	c	2406	hlkacabdffgggfanqfgjj
$M7_{2365}$	5.7645618475	0.2338016747	Z/6+Z	Z/2	0.16	c	2407	hhkaiabeffeggfhmiqheb
$M7_{2366}$	5.7646167632	0.0455111224	Z	Z/2	0.16	c	2408	hhkaeabdfegfgfhbqqqbg
$M7_{2367}$	5.7649332931	0.1224388065	Z	Z/2	0.21	c	2409	hblafacdefgfgkraaaafk
$M7_{2368}$	5.7654268940	0.1531059552	Z/2+Z	Z/2	0.15	c	2410	hlkaeabdfegfgfhohxqnb
$M7_{2369}$	5.7660104468	0.2047261223	Z	Z/2	0.35	c	2411	hhjaibaeffeggafpqdaun
$M7_{2370}$	5.7662705332	0.1102425887	Z/2+Z	Z/2	0.36	c	2412	hchafbddeffggtnnedwin
$M7_{2371}$	5.7668913286	0.1085676162	Z	Z/2	0.76	c	2413	hdhabcdegfeggmvxuhfwk
$M7_{2372}$	5.7679445928	0.0361310252	Z/3+Z	Z/2	0.33	c	2414	hdlacadfegefgfhhahnfk
$M7_{2373}$	5.7679673207	0.1575926245	Z/26+Z	D2	0.24	c	2415	hkoabacdfggfgfkajalkp
$M7_{2374}$	5.7679673207	0.0924073755	Z/2+Z	D2	0.24	c	2416	hkoabacdgfgfgfkadravu
$M7_{2375}$	5.7692720500	0.1057030275	Z/2+Z/2+Z	Z/2	0.40	c	2417	hcpaecdcfeggggwgxwhbr
$M7_{2376}$	5.7694831847	0.0234066470	Z	Z/2	0.21	c	2418	hnkaiabdfeeggfhvxqbqk
$M7_{2377}$	5.7695846831	0.1215379877	Z	Z/2	0.18	c	2419	hhkaeabdfegfgfhbqqqnf
$M7_{2378}$	5.7697048992	0.1243543775	Z/11+Z	Z/2	0.58	c	2420	hdpaaeffgdfegnxdegdnb

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$M7_{2379}$	5.7704356837	0.2324593328	Z/2+Z	Z/2	0.17	c	2421	hnkaiabdfeeggfhvqqnqg
$M7_{2380}$	5.7709621370	0.2313288021	Z/2+Z	Z/2	0.51	c	2422	hapadddceggfgrkrrxdnf
$M7_{2381}$	5.7719305401	0.0640595519	Z	Z/2	0.35	c	2423	hepabcecffggggwgepitw
$M7_{2382}$	5.7740480927	0.1277882992	Z/3+Z	Z/2	0.13	c	2424	hhkaiabeffeggfhmiqhek
$M7_{2383}$	5.7745188154	0.1389947650	Z/6+Z	Z/2	0.19	c	2425	hboafacedfgfgfnhaqqgb
$M7_{2384}$	5.7748072614	0.1372642848	Z/2+Z	Z/2	0.21	c	2426	hlkaiabdfeeggfhohqkab
$M7_{2385}$	5.7756934093	0.1525049741	Z	Z/2	0.24	c	2427	hlkaiabdfeeggfhvhhfhg
$M7_{2386}$	5.7757775878	0.0108608973	Z	Z/2	0.45	c	2428	hdhaibfdeefgglpblxiak
$M7_{2387}$	5.7773038955	0.0137138852	Z	Z/2	0.34	c	2429	hbnajbedeefggaafhhhhk
$M7_{2388}$	5.7774475456	0.1377079846	Z	Z/2	0.55	c	2430	hdlaebefdffgglxlgpbcn
$M7_{2389}$	5.7786376957	0.2408288344	Z	Z/2	0.17	c	2431	hlkaiabdfeeggfhoqxgqg
$M7_{2390}$	5.7787328221	0.0371885847	Z	Z/2	0.20	c	2432	hhkaeabdfegfgfhfqhhbg
$M7_{2391}$	5.7807320663	0.2039862487	Z/2+Z	Z/2	0.23	c	2433	hlkaiabdfeeggfhoqqkqg
$M7_{2392}$	5.7816147790	0.0342951314	Z/9+Z	Z/2	0.20	c	2434	hboafacedfgfgfohaqqob
$M7_{2393}$	5.7823985848	0.2288007414	Z	Z/2	0.13	c	2435	hhkaiabeffeggfhmiqhif
$M7_{2394}$	5.7827093686	0.0892840430	Z	Z/2	0.23	c	2436	hnkaiabdfeeggfhghhnan
$M7_{2395}$	5.7827368400	0.1682884009	Z	D2	0.47	c	2437	hglabccefegggmfeqebsc
$M7_{2396}$	5.7850040082	0.0762832448	Z/3+Z	Z/2	0.77	c	2438	hfpaadcfefgggfghwhxpc
$M7_{2397}$	5.7855183774	0.1123937909	Z	Z/2	0.30	c	2439	hpjaabafgeefgafqqakof
$M7_{2398}$	5.7858266542	0.0345584447	Z	Z/2	0.23	c	2440	hhjaebadfegfgafgqaaon
$M7_{2399}$	5.7864141405	0.1324180733	Z/2+Z	Z/2	0.15	c	2441	hhkaiabeffeggfhmiqhig
$M7_{2400}$	5.7875074439	0.0055089305	Z	Z/2	0.60	c	2442	hhdabbcdeffggqqmfgvxk
$M7_{2401}$	5.7878764485	0.1484607031	Z/2+Z	Z/2	0.16	c	2443	hhkaeabdfegfgfhbqqabk
$M7_{2402}$	5.7897552176	0.1118762084	Z	Z/2	0.12	c	2445	hlkababdegfggfhoqgggv
$M7_{2403}$	5.7909959159	0.2142117984	Z	Z/2	0.52	c	2446	hldaebcdfefggqqhffnhg
$M7_{2404}$	5.7911216319	0.1958184009	Z/2+Z	Z/2	0.64	c	2447	hcladaddegfggfexhesph
$M7_{2405}$	5.7916774833	0.2402122900	Z	Z/2	0.17	c	2448	hlkaiabdfeeggfhohxoab
$M7_{2406}$	5.7922009026	0.1401270369	Z	Z/2	0.16	c	2449	hlkaeabdfegfgfhohqank
$M7_{2407}$	5.7930934816	0.1422700339	Z	Z/2	0.25	c	2450	hnkaiabdfeeggfhvxhfqk
$M7_{2408}$	5.7939697190	0.1346165170	Z	Z/2	0.12	c	2451	hnkababdfgfggnabakojj
$M7_{2409}$	5.7948681078	0.1565873314	Z	Z/2	0.22	c	2452	hhkaeabdfegfgfhfhhhfg
$M7_{2410}$	5.7968518477	0.0572532709	Z/5+Z	D2	0.21	c	2453	hkoabacdfgfggfkakhjep
$M7_{2411}$	5.7968518477	0.1927467291	Z/19+Z	D2	0.21	c	2454	hkoabacdgfgfgfkaqnpfp
$M7_{2412}$	5.7970987552	0.1980013835	Z/5+Z	Z/2	0.51	c	2455	hfpaadcgdggffogdoxmtf
$M7_{2413}$	5.7981676149	0.2191352731	Z	Z/2	0.31	c	2456	hhkaiabffeeggfhttthen
$M7_{2414}$	5.7989554961	0.2024170595	Z	Z/2	0.36	c	2457	hnnaabcgegffgmgtddsjk
$M7_{2415}$	5.7993214355	0.1395359190	Z	Z/2	0.19	c	2458	hhkaiabdfeeggfhbqhfqo
$M7_{2416}$	5.7999422721	0.2436066526	Z/3+Z	Z/2	0.26	c	2459	hblakaededfggftxppehf
$M7_{2417}$	5.8000525959	0.1485419578	Z/6+Z	Z/2	0.46	c	2460	hbpaccefdfeggckxctknf
$M7_{2418}$	5.8009218498	0.1841212041	Z/7+Z	D2	0.21	c	2461	hnkababdffgggfhgajjgf
$M7_{2419}$	5.8022249962	0.0977295790	Z	Z/2	0.48	c	2462	hbpabefefegfgbuvmbhdf

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$M7_{2420}$	5.8026081886	0.2476909182	Z/19+Z	Z/2	0.23	c	2463	hlkaiabdfeeggfanqxnqb
$M7_{2421}$	5.8034629095	0.0204032802	Z/2+Z	Z/2	0.18	c	2464	hlkaeabdfegfgfhoqxqbn
$M7_{2422}$	5.8045506001	0.1442916299	Z	Z/2	0.59	c	2465	hhhaacefgfgegmxhhpifj
$M7_{2423}$	5.8053791226	0.0388725482	Z	Z/2	0.19	c	2466	hhkaiabdfeeggfhfqhkaf
$M7_{2424}$	5.8060668806	0.1334743609	Z/12+Z	D2	0.34	c	2467	hbnafbcedfgggmgqbqqdl
$M7_{2425}$	5.8060668806	0.1165256391	Z/20+Z	D2	0.34	c	2468	hbnafbcedfgggmgqbqqmu
$M7_{2426}$	5.8060668806	0.1165256391	Z/4+Z	D2	0.34	c	2469	hfnaebcdfegggmgbduhhx
$M7_{2427}$	5.8065638717	0.1923867838	Z/2+Z	Z/2	0.34	c	2470	hjlaeacdfefggfnxvcbqk
$M7_{2428}$	5.8067740522	0.0571420166	Z	Z/2	0.31	c	2471	hhjaibaeffeggafpqdauf
$M7_{2429}$	5.8072612004	0.1405219928	Z	Z/2	0.16	c	2472	hlkaeabdfegfgfhohxqfn
$M7_{2430}$	5.8073864096	0.2468665549	Z/4+Z	D2	0.35	c	2473	hflacaceeffggknacwchb
$M7_{2431}$	5.8075608383	0.2339646493	Z/9+Z	Z/2	0.30	c	2474	hhkaiabeeffggfhuuquik
$M7_{2432}$	5.8079142934	0.2165772233	Z	Z/2	0.21	c	2475	hnkaeabdfegfgfhghhafn
$M7_{2433}$	5.8092062357	0.0176457503	Z/2+Z	Z/2	0.18	c	2476	hlkaiabdfeeggfhoqxoaf
$M7_{2434}$	5.8094581538	0.1570716971	Z/2+Z	Z/2	0.17	c	2477	hlkaiabdfeeggfhoqxgak
$M7_{2435}$	5.8095149825	0.1977440845	Z/3+Z	Z/2	0.52	c	2478	hdlaicfefdfggetxmfphg
$M7_{2436}$	5.8124352244	0.0775120081	Z/2+Z	Z/2	0.45	c	2479	hcpabdedffeggckcuxkkb
$M7_{2437}$	5.8126125772	0.1818287192	Z	Z/2	0.26	c	2480	hcnajbcdeefgglkwdinqf
$M7_{2438}$	5.8134958959	0.1138042789	Z/4+Z	Z/2	0.34	c	2481	hpkaaabgfeefgfhxxhfof
$M7_{2439}$	5.8135928642	0.2075607078	Z/5+Z	Z/2	0.25	c	2482	hcoafacdefgfgfkhhhhff
$M7_{2440}$	5.8142832625	0.2466191465	Z	Z/2	0.34	c	2483	hflacaceeffggknacscqn
$M7_{2441}$	5.8148480367	0.2425711117	Z	Z/2	0.21	c	2484	hhkaeabdfegfgfhfqxhbk
$M7_{2442}$	5.8148686738	0.2238804852	Z	Z/2	0.21	c	2485	hhkaeabdfegfgfhfhhafn
$M7_{2443}$	5.8159589290	0.2384378105	Z	Z/2	0.46	c	2486	hbpabfdeeggfgqfkgmepf
$M7_{2444}$	5.8170078912	0.1249744165	Z	Z/2	0.21	c	2487	hlkaeabdfegfgfanaxank
$M7_{2445}$	5.8171296928	0.1262093206	Z	D2	0.21	c	2488	hdkadabdefgggfanmbkvr
$M7_{2446}$	5.8176147036	0.2132415373	Z/8+Z	D2	0.20	c	2489	hlkababdffgggfhoarrob
$M7_{2447}$	5.8178983634	0.1026196874	Z	Z/2	0.20	c	2490	hhkaeabdfegfgfhfqhabn
$M7_{2448}$	5.8180401940	0.1899721620	Z	Z/2	0.30	c	2491	hdpaaedggffegnnptienn
$M7_{2449}$	5.8183472317	0.0273485842	Z/4+Z	Z/2	0.33	c	2493	hpjaabafgeefgafqqakgf
$M7_{2450}$	5.8183473697	0.1018230296	Z	Z/2	0.26	c	2494	hdlaicfeffdggmumetfhg
$M7_{2451}$	5.8187629734	0.1043140344	Z/2+Z	Z/2	0.44	c	2495	hcpabdfdgfgegcucuxlfc
$M7_{2452}$	5.8190787814	0.1896111589	Z/3+Z	Z/2	0.30	c	2496	hdlacadfegefgfahaanff
$M7_{2453}$	5.8195415927	0.1870065675	Z	Z/2	0.52	c	2497	hdpaaefdgdffgnxndnmln
$M7_{2454}$	5.8198619215	0.0865841556	Z/5+Z	Z/2	0.20	c	2498	hcoafacdefgfgfkhhqqbb
$M7_{2455}$	5.8199872304	0.0377446173	Z/2+Z	Z/2	0.16	c	2499	hlkaeabdfegfgfhohqqng
$M7_{2456}$	5.8215460145	0.1916133512	Z	Z/2	0.47	c	2500	hpfaabcegefggaabwkrgk
$M7_{2457}$	5.8221669770	0.0437762909	Z	Z/2	0.35	c	2501	hfpaadfgfdfegfxdtfegn
$M7_{2458}$	5.8228927990	0.2346581738	Z/3+Z	Z/2	0.10	c	2502	hlkacabdffgggfhoqkbcc
$M7_{2459}$	5.8245092521	0.2207689421	Z/10+Z	Z/2	0.70	c	2503	hdlabafffeggfthsbbfn
$M7_{2460}$	5.8250991859	0.1466848533	Z	Z/2	0.29	c	2504	hdhabcdfggefgqkmudbkw

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2461}$	5.8252185224	0.1359541057	Z/2+Z	Z/2	0.17	c	2505	hlkaeabdfegfgfhohqqff
$M7_{2462}$	5.8256400452	0.0324283550	Z	Z/2	0.24	c	2506	hlkaeabdfegfgfanaqhnf
$M7_{2463}$	5.8293512588	0.1224075270	Z	Z/2	0.40	c	2507	hdlaicfefdfggetxmbean
$M7_{2464}$	5.8296347347	0.0955848522	Z	Z/2	0.47	c	2508	hkpaaccgfegfgkopdnuen
$M7_{2465}$	5.8303581114	0.1940111585	Z/3+Z	D2	0.20	c	2509	hfkadabdefgggfhglobjw
$M7_{2466}$	5.8303874224	0.0978257930	Z	Z/2	0.25	c	2510	hclakbcdeefggpnsemvhk
$M7_{2467}$	5.8312548733	0.1540597596	Z/5+Z	D2	0.44	c	2511	hkoabacdfgfggfkakhoee
$M7_{2468}$	5.8324160429	0.1406903648	Z	Z/2	0.17	c	2512	hhkaeabdfegfgfhbqhanb
$M7_{2469}$	5.8337426409	0.1399504016	Z	Z/2	0.20	c	2513	hhkaiabdfeeggfhbxhfqn
$M7_{2470}$	5.8347788303	0.1809560537	Z/2+Z	Z/2	0.20	c	2514	hlkaeabdfegfgfhoqqabk
$M7_{2471}$	5.8349555249	0.1984024366	Z	Z/2	0.50	c	2515	hdhaicfdffeggqtnixehg
$M7_{2472}$	5.8358727589	0.2403620487	Z/19+Z	Z/2	0.22	c	2516	hhkaiabdfeeggfhbqqbqo
$M7_{2473}$	5.8360799148	0.0741507459	Z	Z/2	0.98	c	2517	hdpaaegdegffggdkbxhic
$M7_{2474}$	5.8373727495	0.1609125948	Z/6+Z	Z/2	0.25	c	2518	hdhaicffefdggeiqexbho
$M7_{2475}$	5.8379232240	0.2452740699	Z	Z/2	0.20	c	2519	hnkaiabdfeeggfhvqqbqf
$M7_{2476}$	5.8387546286	0.1559417704	Z	D2	0.19	c	2520	hdjadabdefgggbakifgvr
$M7_{2477}$	5.8389528722	0.0891168612	Z	Z/2	0.28	c	2521	hpjaabafgeefgafqxxbob
$M7_{2478}$	5.8395310033	0.2394654897	Z	Z/2	0.20	c	2522	hhkaiabdfeeggfhfhhkab
$M7_{2479}$	5.8402253732	0.1760512994	Z/2+Z	Z/2	0.36	c	2523	hhjacabefegggnqpmhfcv
$M7_{2480}$	5.8404088107	0.1526590570	Z	Z/2	0.24	c	2524	hblakaededfggftxppean
$M7_{2481}$	5.8404094141	0.1859466565	Z	Z/2	0.22	c	2525	hnkaiabdfeeggfhghxghf
$M7_{2482}$	5.8418489272	0.1316550462	Z/2+Z	Z/2	0.63	c	2526	hnfabbcdffgggaaanrpuu
$M7_{2483}$	5.8422352884	0.1449126755	Z	Z/2	0.21	c	2527	hnkaeabdfegfgfhvqqakf
$M7_{2484}$	5.8427287473	0.1718140260	Z	Z/2	0.54	c	2528	hdpaaffdgdfegtxndnugn
$M7_{2485}$	5.8429328757	0.1924150719	Z	Z/2	0.22	c	2529	hlkaiabdfeeggfhoqqkak
$M7_{2486}$	5.8430228579	0.0732292639	Z/2+Z	Z/2	0.57	c	2530	hhlaacefeffggdxdumlff
$M7_{2487}$	5.8430228579	0.0732292639	Z/2+Z	Z/2	0.45	c	2534	hpfaabcegefggaabogoks
$M7_{2488}$	5.8430228579	0.0101040694	Z/4+Z	Z/2	0.34	c	2532	hpdaabceefgggaafoknfn
$M7_{2489}$	5.8434125414	0.2048512209	Z	Z/2	0.19	c	2535	hhkaiabdfeeggfhbqhfak
$M7_{2490}$	5.8435148131	0.0664021811	Z/15+Z	Z/2	0.39	c	2536	hdlaiceefdeggiuxlfdqn
$M7_{2491}$	5.8442312808	0.1379725390	Z	Z/2	0.23	c	2537	hhjaebadfegfgafgqahoo
$M7_{2492}$	5.8445596542	0.1660177408	Z/2+Z	Z/2	0.38	c	2538	hhjabbaefegggafpdajkn
$M7_{2493}$	5.8451027745	0.1782631912	Z	Z/2	0.24	c	2539	hfhaiceefdegguixpftaf
$M7_{2494}$	5.8467292243	0.1545083555	Z	Z/2	0.20	c	2540	hhkaiabdfeeggfhfqxgaf
$M7_{2495}$	5.8521487696	0.0521028332	Z	Z/2	0.32	c	2541	hdpaaffdgdefguxnlnndo
$M7_{2496}$	5.8523854125	0.0754520619	Z	Z/2	0.56	c	2542	hdpaaeffgdfegnxdeodnn
$M7_{2497}$	5.8542427221	0.0961451483	Z	Z/2	0.86	c	2543	hdhaecffefgggeiqexqnv
$M7_{2498}$	5.8552152707	0.0216730673	Z	Z/2	0.22	c	2544	hlkaeabdfegfgfanaxqng
$M7_{2499}$	5.8554506621	0.1792824858	Z	Z/2	0.21	c	2545	hnkaeabdfegfgfhghhhff
$M7_{2500}$	5.8565858092	0.1039774440	Z/12+Z	Z/2	0.41	c	2546	hdlacadfegefgfhhahngk
$M7_{2501}$	5.8579117615	0.2342313594	Z/2+Z	D2	0.32	c	2547	hkoaeacdefgggfkaccaax

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$M7_{2502}$	5.8579368455	0.1678375315	Z/3+Z	Z/2	0.24	c	2548	hdlaccfeffgegetameqbg
$M7_{2503}$	5.8592139883	0.2353618784	Z	Z/2	0.24	c	2550	hdhaicffefdggeiqexban
$M7_{2504}$	5.8597284066	0.2480893091	Z	Z/2	0.23	c	2551	hcnajbddeefggpowmtfhf
$M7_{2505}$	5.8605393017	0.2202757373	Z	Z/2	0.62	c	2553	hflabbeffggfgqqpixhkj
$M7_{2506}$	5.8605393017	0.1369424040	Z	Z/2	0.28	c	2552	hdpaaegfggffenphtqhqn
$M7_{2507}$	5.8609367941	0.1731613508	Z	Z/2	0.21	c	2554	hhkaiabdfeeggfhbqqbak
$M7_{2508}$	5.8619536828	0.1355019786	Z	Z/2	0.22	c	2555	hlkaeabdfegfgfanaqqnb
$M7_{2509}$	5.8621923771	0.0500403614	Z	Z/2	0.96	c	2556	hcpabecffegggfnmxkaxg
$M7_{2510}$	5.8644081695	0.0860483732	Z/5+Z	D2	0.44	c	2557	hnfabbcdegfggaaavlwdp
$M7_{2511}$	5.8644524618	0.0881633900	Z	Z/2	0.50	c	2558	hdpaaffdgdefguxndnblb
$M7_{2512}$	5.8653634765	0.0854289320	Z	Z/2	0.31	c	2559	hpkaaabgfeefgfhxqqbbg
$M7_{2513}$	5.8653678528	0.0241204126	Z	Z/2	0.26	c	2560	hpkaaabgfeefgfhxxhkof
$M7_{2514}$	5.8654987573	0.1036227798	Z	Z/2	0.17	c	2561	hhkaiabdfeeggfhfqhkqg
$M7_{2515}$	5.8663577450	0.1256585383	Z/23+Z	Z/2	0.21	c	2562	hhkaiabdfeeggfhfhxgab
$M7_{2516}$	5.8664453493	0.0713620119	Z/2+Z/2+Z	D2	0.31	c	2563	hkoaeacdefgggnkaccaax
$M7_{2517}$	5.8670413624	0.0835264922	Z	Z/2	0.41	c	2564	hcpaibcfdffggfoxoxxqk
$M7_{2518}$	5.8676918450	0.1935980190	Z	Z/2	0.18	c	2565	hnkaeabdfegfgfhgqxqbb
$M7_{2519}$	5.8677108336	0.2430824262	Z	Z/2	0.19	c	2566	hhkaeabdfegfgfhbxhaob
$M7_{2520}$	5.8693801491	0.0162708908	Z/2+Z	Z/2	0.28	c	2567	hbnakbcedefgghflkpoqn
$M7_{2521}$	5.8701735720	0.0253949163	Z/2+Z	Z/2	0.72	c	2568	hdhabbedgfffgqxbqqsgb
$M7_{2522}$	5.8714524587	0.1145212599	Z/3+Z	Z/2	0.26	c	2569	hhkaiabeeffggfhuuquif
$M7_{2523}$	5.8715875640	0.0689269537	Z/2+Z	Z/2	0.50	c	2570	hdpaaffdgdefguxndnklb
$M7_{2524}$	5.8739392042	0.1375091561	Z	Z/2	0.18	c	2571	hhkaeabdfegfgfhbqqanf
$M7_{2525}$	5.8752948082	0.2211139561	Z/5+Z	D2	0.45	c	2572	hflacaceeffggknacwcao
$M7_{2526}$	5.8759180827	0.1124559599	Z/8+Z	D2	0.88	c	2573	hflabbeeegffgaaqqxakk
$M7_{2527}$	5.8759180827	0.0542107067	Z/2+Z/4+Z	D2	0.30	c	2574	hflacaceegfggknachchx
$M7_{2528}$	5.8759180827	0.0542107067	Z/4+Z/4+Z	D2	0.30	c	2575	hflacaceegfggknanakax
$M7_{2529}$	5.8759180827	0.1957892933	Z/2+Z/2+Z	D2	0.30	c	2576	hflacaceegfggknanakqh
$M7_{2530}$	5.8769547397	0.0137548999	Z	Z/2	0.36	c	2577	hdhaecdfdffggqkpblfhk
$M7_{2531}$	5.8779746031	0.2115429517	Z/3+Z	Z/2	0.20	c	2578	hnkaeabdfegfgfhvqqqkg
$M7_{2532}$	5.8787885242	0.1540284799	Z	Z/2	0.41	c	2579	hdlaccfeffgegethmeqgf
$M7_{2533}$	5.8789256743	0.2173833898	Z	D2	0.42	c	2580	hkoabacdffgggfkacniqq
$M7_{2534}$	5.8789329483	0.1750434634	Z/4+Z	Z/2	0.17	c	2581	hlkaiabdfeeggfhohxohf
$M7_{2535}$	5.8795192770	0.1279951968	Z	Z/2	0.26	c	2583	hgoabaceffgggfkhfopth
$M7_{2536}$	5.8799196265	0.0752825469	Z	Z/2	0.56	c	2584	hfhacdefegffgtieqeufn
$M7_{2537}$	5.8801855055	0.2316941425	Z/2+Z	Z/2	0.92	c	2585	hfpaacefeggfgrfdvxamo
$M7_{2538}$	5.8805450243	0.0879490326	Z	Z/2	0.43	c	2586	hdpaaffdgdfeguxkdnufn
$M7_{2539}$	5.8809246086	0.1930126453	Z/11+Z	Z/2	0.52	c	2587	hdhabdcegfegghnhuugwo
$M7_{2540}$	5.8815135084	0.0795897189	Z	Z/2	0.47	c	2588	hdlaicfefdfggetxmfpab
$M7_{2541}$	5.8831180828	0.2158150499	Z	Z/2	0.29	c	2589	hkoaeacdeffggfkavvshn
$M7_{2542}$	5.8835445482	0.2249671839	Z/3+Z	D2	0.16	c	2590	hfkadabdegfggfhglokwc

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$M7_{2543}$	5.8837978275	0.2050095750	Z	Z/2	0.20	c	2591	hlkaiabdfeeggfhohqkhf
$M7_{2544}$	5.8841193341	0.0984451132	Z/2+Z	Z/2	0.35	c	2592	hhjaebaffegggafdqpbgj
$M7_{2545}$	5.8841894478	0.1916979188	Z/15+Z	Z/2	0.38	c	2593	hdlaccfeffgegetameqkf
$M7_{2546}$	5.8852555877	0.1389712259	Z	Z/2	0.43	c	2594	hhhaacefgfgegmahhplbj
$M7_{2547}$	5.8858300187	0.2209954475	Z	Z/2	0.19	c	2595	hhkaiabdfeeggfhfqxgqg
$M7_{2548}$	5.8860286677	0.2314368771	Z	Z/2	0.45	c	2596	hdpaaffdgdfeguxkdnufb
$M7_{2549}$	5.8861169868	0.2231015687	Z	Z/2	0.35	c	2597	hbhajbcdeefgghogidoqk
$M7_{2550}$	5.8864431643	0.0768788473	Z	Z/2	0.19	c	2598	hlkaeabdfegfgfhoqqqbg
$M7_{2551}$	5.8866965557	0.0542298729	Z/3+Z	Z/2	0.45	c	2599	hdlaicfefdfggmtmefphg
$M7_{2552}$	5.8874553079	0.0368455274	Z	Z/2	0.45	c	2600	hdhaeddedfgfgakxkxafb
$M7_{2553}$	5.8876799557	0.2326312961	Z/4+Z	Z/2	0.30	c	2602	hpjaabafgeefgafqaakgf
$M7_{2554}$	5.8882129734	0.1211042518	Z/2+Z	D2	0.86	c	2604	hfpaadgfgeefgfqlpwger
$M7_{2555}$	5.8882129734	0.2122290816	Z/2+Z	Z/2	0.44	c	2603	hblakadedefggfuddaiab
$M7_{2556}$	5.8890302045	0.0829730405	Z/2+Z/4+Z	D2	0.29	c	2605	hkoaeacdeffggfkavvrhb
$M7_{2557}$	5.8899670249	0.1309384854	Z	Z/2	0.24	c	2606	hpjaabafgeefgafqaafgf
$M7_{2558}$	5.8907795720	0.1894703719	Z	Z/2	0.20	c	2607	hnkaeabdfegfgfhghxqfb
$M7_{2559}$	5.8908808853	0.1902753553	Z/10+Z	Z/2	0.20	c	2608	hnkaiabdfeeggfhvxqbqb
$M7_{2560}$	5.8909506384	0.0419898832	Z	Z/2	0.55	c	2609	hdpaaegfdfgegkpibiukj
$M7_{2561}$	5.8913642317	0.2051121218	Z	Z/2	0.16	c	2611	hhkaeabdfegfgfhbqhhno
$M7_{2562}$	5.8935501531	0.0231204449	Z	Z/2	0.20	c	2612	hhkaeabdfegfgfhbxqaof
$M7_{2563}$	5.8938074138	0.2053418670	Z/2+Z	D2	0.16	c	2613	hdkadabdefgggfhopgfsr
$M7_{2564}$	5.8946612556	0.1002319067	Z	Z/2	0.20	c	2614	hnkaeabdfegfgfhgqhabn
$M7_{2565}$	5.8946791002	0.1659406767	Z/2+Z	Z/2	0.33	c	2615	hhkaeabffegggfhtttgbn
$M7_{2566}$	5.8965041189	0.1758169551	Z/5+Z	Z/2	0.57	c	2616	hhlaacefedgfgdxduffnf
$M7_{2567}$	5.9014319868	0.2164783079	Z	Z/2	0.45	c	2619	hgpaabgdfgfeggpsqpxfc
$M7_{2568}$	5.9019563332	0.2466119654	Z	Z/2	0.45	c	2620	hkhabbddefgfguccxckgb
$M7_{2569}$	5.9023302448	0.1652035781	Z	Z/2	0.21	c	2621	hblajbddeefgglgsiuran
$M7_{2570}$	5.9023620543	0.0840710654	Z	Z/2	0.19	c	2622	hlkaiabdfeeggfhoqxoqg
$M7_{2571}$	5.9040858585	0.2180032279	Z	Z/2	0.74	c	2623	hdpaacfeegfggoefwdxtf
$M7_{2572}$	5.9040858585	0.1986634388	Z	Z/2	0.25	c	2624	hdpaafgfegfgeaaeoxthn
$M7_{2573}$	5.9051901793	0.1768664505	Z	Z/2	0.18	c	2625	hhkaeabdfegfgfhbxhhoo
$M7_{2574}$	5.9063111220	0.1313206858	Z/2+Z	Z/2	0.57	c	2626	hdhabcefgeeggqaahhqjs
$M7_{2575}$	5.9064195738	0.1443929557	Z/3+Z	D2	0.41	c	2627	hnfabbcdefgggaaacottm
$M7_{2576}$	5.9068321131	0.2052959577	Z/4+Z	Z/2	0.15	c	2628	hlkaeabdfegfgfhohxhff
$M7_{2577}$	5.9068536180	0.0900484659	Z	Z/2	0.18	c	2629	hnkaeabdfegfgfhgqxhbf
$M7_{2578}$	5.9074660562	0.1926235249	Z	Z/2	0.19	c	2630	hlkaiabdfeeggfhohqkan
$M7_{2579}$	5.9083395721	0.1064334425	Z/2+Z	Z/2	0.29	c	2631	hdpaaffdgdefguxndbbln
$M7_{2580}$	5.9083947478	0.2441469153	Z	Z/2	0.66	c	2632	hbpabcfdggfgfgaklmmai
$M7_{2581}$	5.9097104631	0.0414946980	Z/2+Z	Z/2	0.41	c	2633	hnfaibcdfefggaaaannban
$M7_{2582}$	5.9100621783	0.0605750270	Z/2+Z	D2	0.29	c	2634	hcoafacdeffggnkamdlfk
$M7_{2583}$	5.9118734664	0.2076954956	Z	Z/2	0.20	c	2635	hnkaeabdfegfgfhghxhff

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2584}$	5.9120339149	0.0705261885	Z/2+Z	Z/2	0.61	c	2636	hdlabafffegggkthsbbfn
$M7_{2585}$	5.9125955540	0.2461344591	Z/3+Z	Z/2	0.20	c	2637	hdlaicfefdfggethmkehf
$M7_{2586}$	5.9126225046	0.0294933493	Z	Z/2	0.40	c	2638	hdpaafdeegffguconqiuo
$M7_{2587}$	5.9166243137	0.1581110581	Z	Z/2	0.41	c	2639	hnfaibcdfefggaaannbqg
$M7_{2588}$	5.9167457352	0.0515613828	Z	D2	1.13	c	2643	hgpaaddggeffgnnaqwitw
$M7_{2589}$	5.9167457352	0.1984386172	Z/2+Z	D2	1.11	c	2640	hbpabcdeegfggfgkfdprg
$M7_{2590}$	5.9167457352	0.1984386172	Z	D2	1.11	c	2642	hcpabdfdgegfgntnhwxtb
$M7_{2591}$	5.9167457352	0.1984386172	Z/2+Z	D2	1.01	c	2641	hbpaccdfeegggrkxnohbr
$M7_{2592}$	5.9177703738	0.1498287384	Z/2+Z	Z/2	0.19	c	2645	hcnajbddeefggpowmtfqb
$M7_{2593}$	5.9183439924	0.1489285978	Z	Z/2	0.39	c	2647	hcpabbcffgfegggxxqxgn
$M7_{2594}$	5.9202525490	0.2300650897	Z/4+Z	Z/2	0.20	c	2649	hhkaiabeeffggfhtuqupn
$M7_{2595}$	5.9203171311	0.2318582488	Z	Z/2	0.24	c	2650	hflaeaceffgggfnhwrdmh
$M7_{2596}$	5.9214467129	0.1742115085	Z/2+Z	D2	0.14	c	2651	hdkadabdegfggfhopgnsc
$M7_{2597}$	5.9230532833	0.0879722575	Z	Z/2	0.27	c	2653	hkoaeacdeffggfkavvsqk
$M7_{2598}$	5.9231159702	0.0719335000	Z	Z/2	0.17	c	2654	hlkaiabdfeeggfhohxoan
$M7_{2599}$	5.9237566206	0.1502756667	Z	Z/2	0.41	c	2655	hdpaaedgffgegkomtlmkk
$M7_{2600}$	5.9240219028	0.1401699762	Z	Z/2	0.94	c	2656	hfhaecdedfgggqkxcqhul
$M7_{2601}$	5.9248867015	0.2066471168	Z	Z/2	0.18	c	2657	hhkaiabdfeeggfhfqhkak
$M7_{2602}$	5.9253177127	0.2033418957	Z/3+Z	Z/2	0.20	c	2658	hboafacedfgfgfohaqqgb
$M7_{2603}$	5.9253765117	0.0876456777	Z	Z/2	0.17	c	2659	hlkaeabdfegfgfhoqxhbf
$M7_{2604}$	5.9269807317	0.0660274842	Z/5+Z	Z/2	0.45	c	2660	hcpabbcffgfegfgxxqxfn
$M7_{2605}$	5.9271300388	0.0268946816	Z/5+Z	Z/2	0.44	c	2661	hdhaicfdffeggqtnixeab
$M7_{2606}$	5.9276720253	0.0791635267	Z/3+Z	Z/2	0.38	c	2662	hdlaccfeffgegethmeagf
$M7_{2607}$	5.9299999606	0.0092615953	Z/2+Z	Z/2	0.25	c	2663	hdfakbcedefggaaqqbahg
$M7_{2608}$	5.9316713062	0.0510034219	Z/2+Z	Z/2	0.31	c	2664	hnkababdegfggfhgxbgcv
$M7_{2609}$	5.9318740223	0.0575545616	Z/2+Z	Z/2	0.41	c	2665	hblakadedefggfuddaihg
$M7_{2610}$	5.9322737315	0.2019892150	Z	Z/2	0.17	c	2666	hlkaeabdfegfgfhohqafk
$M7_{2611}$	5.9327872049	0.1933614896	Z	Z/2	0.20	c	2667	hcoafacdefgfgfkxaaank
$M7_{2612}$	5.9331986218	0.2009706750	Z	Z/2	0.41	c	2668	hboadaeedfgggfehabepm
$M7_{2613}$	5.9348712544	0.2438760509	Z/2+Z/2+Z	D2	0.26	c	2669	hkoaeacdefgggnkakkhhx
$M7_{2614}$	5.9353220101	0.1533519890	Z	Z/2	0.39	c	2670	hdlacadfegefgfxhhhogo
$M7_{2615}$	5.9363135323	0.0966707092	Z	Z/2	1.06	c	2671	hdpaacdggfgffonuxetal
$M7_{2616}$	5.9368678136	0.2291452011	Z	Z/2	0.25	c	2672	hdfakbcedefggaaqqbqhk
$M7_{2617}$	5.9382105630	0.2308432581	Z	Z/2	0.52	c	2673	hdhabdefefgfgiumqxtnn
$M7_{2618}$	5.9385797307	0.0981058647	Z/5+Z	D2	0.39	c	2674	hflacaceeffggknacwchn
$M7_{2619}$	5.9391257945	0.1867451771	Z	Z/2	0.19	c	2675	hlkaiabdfeeggfhoqxoak
$M7_{2620}$	5.9393365689	0.2382409936	Z/2+Z	Z/2	0.30	c	2676	hlkababefegggfhelhocv
$M7_{2621}$	5.9395401219	0.1598529346	Z/7+Z	D2	0.85	c	2678	hjhaedcceffggafrppkxk
$M7_{2622}$	5.9395401219	0.1598529346	Z/2+Z	Z/2	0.45	c	2677	hdpaaffdgdfgguxkdnuml
$M7_{2623}$	5.9406130311	0.2100323836	Z	Z/2	0.53	c	2679	hdpaaeffgdfegkxdeodkn
$M7_{2624}$	5.9407061242	0.0783063522	Z	Z/2	0.21	c	2680	hpkaaabgfeefgfhxqxgng

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2625}$	5.9414140461	0.2328201508	Z/2+Z	Z/2	0.18	c	2681	hclakbcdeefggpnsemvhf
$M7_{2626}$	5.9416365340	0.2280432632	Z/2+Z	Z/2	0.30	c	2682	hhkababeefgggnatttfnk
$M7_{2627}$	5.9427724103	0.1186138148	Z/10+Z	D2	0.39	c	2683	hkoaeacdeffggfkavvraf
$M7_{2628}$	5.9456521021	0.2174526692	Z	Z/2	0.26	c	2685	hpkaaabgfeefgfhxqxgbg
$M7_{2629}$	5.9462968589	0.1771644365	Z	Z/2	0.19	c	2686	hhkaiabdfeeggfhfqxgak
$M7_{2630}$	5.9464168719	0.0980158991	Z/3+Z	Z/2	0.40	c	2687	hdhabdcegfegghnhpignr
$M7_{2631}$	5.9469235894	0.1903588477	Z	Z/2	0.18	c	2688	hlkaeabdfegfgfhoqxqbb
$M7_{2632}$	5.9471076565	0.0569257839	Z	Z/2	0.53	c	2689	hdpaaffdgdfeguxnlnufo
$M7_{2633}$	5.9475581324	0.1912729854	Z	Z/2	0.16	c	2690	hlkaeabdfegfgfhohxqfb
$M7_{2634}$	5.9483530496	0.2156066390	Z	Z/2	0.40	c	2691	hdlaicfefdfggmtmefpab
$M7_{2635}$	5.9488342660	0.2123174922	Z/9+Z	Z/2	0.41	c	2692	hdlaiceefdeggduxdklqo
$M7_{2636}$	5.9492326517	0.0120129299	Z/2+Z	Z/2	0.30	c	2693	hlkababdegfggfanxknsj
$M7_{2637}$	5.9492985353	0.0878542523	Z	Z/2	0.49	c	2694	hdhabdcegfegghnauubwo
$M7_{2638}$	5.9499597012	0.2244505191	Z	Z/2	0.50	c	2695	hdpaaeffgdfegnxdeodnb
$M7_{2639}$	5.9505257540	0.1322809447	Z	Z/2	0.83	c	2696	hbpaedeffegggfgxlbaqo
$M7_{2640}$	5.9510046092	0.1521480913	Z/4+Z	Z/2	0.17	c	2697	hhkaiabeffeggfheiqlhn
$M7_{2641}$	5.9522786913	0.1063206484	Z/5+Z	Z/2	0.72	c	2698	hdpaafdgegfegeclfxhfo
$M7_{2642}$	5.9529530086	0.1917223147	Z/2+Z	Z/2	0.16	c	2699	hhkaeabdfegfgfhbqhann
$M7_{2643}$	5.9529662378	0.0283033481	Z/2+Z	Z/2	0.26	c	2700	hpjaabafgeefgafqqafof
$M7_{2644}$	5.9532151152	0.1078798684	Z/2+Z	Z/2	0.45	c	2701	hcpabdefdfeggcnpbunco
$M7_{2645}$	5.9534390902	0.1241786739	Z	Z/2	0.22	c	2702	hhkaiabeffeggfhmiqhtf
$M7_{2646}$	5.9554298336	0.0890237529	Z	Z/2	0.47	c	2703	hdpaaffdgdfeguxnlnugo
$M7_{2647}$	5.9562799573	0.1438710840	Z/2+Z	Z/2	0.39	c	2704	hcpabbfefdgggnawxnlxg
$M7_{2648}$	5.9565803589	0.2194110024	Z/4+Z	D2	0.25	c	2705	hkoaeacdefgggfkavvhhx
$M7_{2649}$	5.9565803589	0.2194110024	Z/20+Z	D2	0.25	c	2706	hkoaeacdfegggfkannaax
$M7_{2650}$	5.9565803589	0.0305889976	Z/8+Z	D2	0.25	c	2707	hkoaeacdfegggfkannaqh
$M7_{2651}$	5.9581208366	0.2249626312	Z/2+Z/2+Z	D2	0.26	c	2708	hcoafacdeffggfkamdlfk
$M7_{2652}$	5.9628765441	0.0054923555	Z	Z/2	0.45	c	2709	hldaebcdfefggqqhffnab
$M7_{2653}$	5.9629290387	0.2107145850	Z	Z/2	0.25	c	2710	hpkaaabgfeefgfhxqxgnf
$M7_{2654}$	5.9635527398	0.0560632641	Z	Z/2	0.42	c	2711	hbpabddeegfggngkgdprg
$M7_{2655}$	5.9638808114	0.2272420995	Z	Z/2	0.22	c	2712	hhkaiabeffeggfhmiqhtn
$M7_{2656}$	5.9648898679	0.0909755378	Z	Z/2	0.19	c	2713	hhkaiabdfeeggfhfhhkan
$M7_{2657}$	5.9649572482	0.1950050698	Z/7+Z	Z/2	0.17	c	2714	hlkaeabdfegfgfhohqqfg
$M7_{2658}$	5.9659915743	0.1077946072	Z	D2	1.03	c	2716	hhnaabdfgefgghkhhxgjs
$M7_{2659}$	5.9659915743	0.1422053928	Z/3+Z	D2	0.59	c	2715	hhnaabddgffgghkohgojs
$M7_{2660}$	5.9673934845	0.0556305480	Z	Z/2	0.39	c	2717	hdlaicfefdfggmtmenpab
$M7_{2661}$	5.9682227345	0.0749242791	Z/2+Z	Z/2	0.19	c	2718	hhkaeabdfegfgfhbxhaon
$M7_{2662}$	5.9688468719	0.1873072917	Z	Z/2	0.49	c	2719	hpfaabcegefggaabwgrgk
$M7_{2663}$	5.9704529337	0.2027157217	Z	Z/2	0.38	c	2720	hfpaadfgfdfegfxdtfefn
$M7_{2664}$	5.9706261672	0.1320771610	Z/2+Z	Z/2	0.36	c	2721	hdpaafdeegffguconqiug
$M7_{2665}$	5.9717516613	0.0074162119	Z	Z/2	0.65	c	2722	hmpaaedfgdgfgvodlomes

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2666}$	5.9720802311	0.2048800148	Z	Z/2	0.17	c	2723	hhkaeabdfegfgfhbqqqng
$M7_{2667}$	5.9725255172	0.0624507274	Z	Z/2	0.19	c	2724	hpkaaabgfeefgfhqqhfnk
$M7_{2668}$	5.9735095791	0.0466755984	Z	Z/2	0.94	c	2725	hbpaecefdegggcfhcchfo
$M7_{2669}$	5.9743648757	0.2176441302	Z	Z/2	0.21	c	2726	hdoaiaedfdeggfhahnoqk
$M7_{2670}$	5.9766445454	0.2324074895	Z	Z/2	0.36	c	2727	hchafbddeffggtnnedwib
$M7_{2671}$	5.9775467890	0.1130050924	Z	Z/2	0.45	c	2728	hdlaeadfedgfgfhhagqgo
$M7_{2672}$	5.9780915537	0.0529077982	Z/15+Z	Z/2	0.40	c	2729	hdlacadfegefgfahaabff
$M7_{2673}$	5.9781308899	0.2281152641	Z/2+Z	Z/2	0.24	c	2730	hpjaabafgeefgafqaafof
$M7_{2674}$	5.9791160420	0.0762467320	Z	Z/2	0.21	c	2733	hdfakbcedefggaaqqbaan
$M7_{2675}$	5.9793215014	0.0345634983	Z	Z/2	0.49	c	2734	hdlaeadfedgfgfhhagqfo
$M7_{2676}$	5.9793620914	0.1921544671	Z	Z/2	0.73	c	2735	hjpaacefgfgegrkimiikr
$M7_{2677}$	5.9800167354	0.2077584870	Z	Z/2	0.36	c	2736	hflacaceeffggknacschb
$M7_{2678}$	5.9803830534	0.0790006715	Z/2+Z	D2	0.23	c	2737	hkoaeacdefgggfkakkhhx
$M7_{2679}$	5.9809448759	0.2393017480	Z/10+Z	Z/2	0.55	c	2738	hhfaibceeffgghhigbvxb
$M7_{2680}$	5.9815467091	0.1150574942	Z/5+Z	D2	0.88	c	2739	hapadcecdfgfgkjoshhnk
$M7_{2681}$	5.9819001285	0.0061706894	Z	Z/2	0.43	c	2740	hldabbcdggffgqhhaona
$M7_{2682}$	5.9823282563	0.2288398178	Z	Z/2	0.36	c	2741	hpkaaabgfeefgfhxxhfgf
$M7_{2683}$	5.9835932740	0.1857217578	Z	Z/2	0.53	c	2742	hbpabcffeggfgfemfxteh
$M7_{2684}$	5.9839208732	0.1893694318	Z	D2	0.36	c	2743	hflabccegfgfgdkxluffo
$M7_{2685}$	5.9839208732	0.0606305682	Z/15+Z	D2	0.36	c	2744	hflaccceefgggdkxmunbk
$M7_{2686}$	5.9841598232	0.0642483970	Z	Z/2	0.20	c	2745	hdoaiaedfdeggfhaanoqf
$M7_{2687}$	5.9871194946	0.0120333604	Z	Z/2	0.21	c	2746	hclajbcedefggqbpnlbqf
$M7_{2688}$	5.9885057012	0.1823382042	Z	Z/2	0.42	c	2747	hdhabdcegfegghnapibnr
$M7_{2689}$	5.9885992165	0.1931115384	Z/5+Z	Z/2	0.40	c	2748	hepaiddcfffggofgxxxqk
$M7_{2690}$	5.9894786938	0.1507000259	Z	Z/2	0.35	c	2749	hjlaeacdfefggfnxvcbqb
$M7_{2691}$	5.9901130961	0.0199904322	Z	Z/2	0.86	c	2750	hbpaceffcgeggvmxkenuw
$M7_{2692}$	5.9919968817	0.1569220366	Z/2+Z/4+Z	Z/2	0.27	c	2752	hlkababeefgggfhippscv
$M7_{2693}$	5.9947272285	0.1310894939	Z	Z/2	0.43	c	2754	hflabccdegfggdksubocv
$M7_{2694}$	5.9952249745	0.1740618179	Z/2+Z	Z/2	0.59	c	2756	hdpaaecggffegkoexldkk
$M7_{2695}$	5.9953040835	0.1059269657	Z	Z/2	0.41	c	2757	hdlabadfegfggfxhnkcnn
$M7_{2696}$	5.9959528179	0.0448765880	Z	Z/2	0.65	c	2758	hhdabbcefefggqqhkfoab
$M7_{2697}$	5.9962788168	0.1101740642	Z	Z/2	0.42	c	2759	hdlaeadfedgfgkahabqfo
$M7_{2698}$	5.9966338583	0.1617565460	Z/2+Z	Z/2	0.20	c	2760	hhkaeabdfegggfhfhhaqh
$M7_{2699}$	5.9970344915	0.0902514332	Z/2+Z	Z/2	0.35	c	2761	hflacaceeffggknacscqf
$M7_{2700}$	5.9985389999	0.0941651208	Z	Z/2	0.35	c	2763	hdpaaffdgdefguxnunndn
$M7_{2701}$	5.9991565716	0.0356768771	Z/2+Z	Z/2	0.27	c	2764	hnjabbadffgggafbqbnkg
$M7_{2702}$	5.9991765678	0.1205323668	Z	Z/2	0.42	c	2765	hdlaeadfedgfgkahabaff
$M7_{2703}$	5.9998566070	0.2143765095	Z/3+Z	Z/2	0.19	c	2766	hpkaaabgfeefgfhqxhfok
$M7_{2704}$	6.0005539424	0.0796733764	Z/2+Z	Z/2	0.20	c	2767	hapajdcdeefggngknbqqb
$M7_{2705}$	6.0012516335	0.0392808018	Z	Z/2	0.17	c	2768	hpkaaabgfeefgfhhqhkbn
$M7_{2706}$	6.0013055876	0.1927495528	Z/2+Z	Z/2	0.17	c	2769	hhkaeabdfegfgfhbqqank

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$M7_{2707}$	6.0013184640	0.0542258858	Z	Z/2	0.41	c	2770	hepacedfedfggsolgoisb
$M7_{2708}$	6.0030565882	0.0113714803	Z/2+Z	Z/2	0.36	c	2771	hbpabefefegfgbuvmbqdb
$M7_{2709}$	6.0038307107	0.0181290775	Z	Z/2	0.71	c	2772	hhfacbcdeffggaaubokqn
$M7_{2710}$	6.0063990782	0.0670484287	Z	Z/2	0.47	c	2774	hdpaaffdgdfeguxnlnugg
$M7_{2711}$	6.0071240020	0.1883311540	Z	Z/2	0.71	c	2775	hhhaadgedggffteqcufnn
$M7_{2712}$	6.0079997256	0.1891951671	Z/5+Z	Z/2	0.40	c	2776	hdlaccfeffgegethmeqof
$M7_{2713}$	6.0104147005	0.2299979170	Z/6+Z	Z/2	0.20	c	2777	hbnakbcedefgghflkpohk
$M7_{2714}$	6.0114561514	0.1999833822	Z	Z/2	0.21	c	2778	hpkaaabgfeefgfhqqhfbk
$M7_{2715}$	6.0148450148	0.1752220364	Z	Z/2	0.87	c	2780	hcpaccdffegggbjdlndps
$M7_{2716}$	6.0192851932	0.0371285593	Z/6+Z	Z/2	0.36	c	2782	hdlacadfegefgfhhahbgk
$M7_{2717}$	6.0205390829	0.1065526621	Z	Z/2	0.37	c	2783	hpkaaabgfeefgfhxqqkbf
$M7_{2718}$	6.0216570894	0.1363462628	Z/21+Z	D2	0.35	c	2784	hcoadacdefgggfkaamubs
$M7_{2719}$	6.0216570894	0.1136537372	Z/3+Z	D2	0.35	c	2785	hkoabacdfggfgfkacuibu
$M7_{2720}$	6.0223681387	0.0177953352	Z/3+Z	Z/2	0.32	c	2786	hdlaicfefdfggetxmnpho
$M7_{2721}$	6.0230460200	0.0625000000	Z/2+Z/2+Z	D2	1.15	c	2787	hbpaecdfeeggfkxnfhwg
$M7_{2722}$	6.0230460200	0.0625000000	Z/2+Z/2+Z	D2	0.66	c	2789	hhdabbceeffggqqhkncxk
$M7_{2723}$	6.0236054108	0.1327934669	Z/3+Z	Z/2	0.18	c	2790	hpkaaabgfeefgfhqxhkok
$M7_{2724}$	6.0249119380	0.0020356572	Z/3+Z	Z/2	0.61	c	2791	hpdaabcfefgggqqwknjsn
$M7_{2725}$	6.0260079016	0.0888349269	Z	Z/2	0.32	c	2793	hhkaiabffeeggfhtttmen
$M7_{2726}$	6.0266085258	0.2391527134	Z/10+Z	D2	0.33	c	2794	hkoaeacdeffggfkavvrhn
$M7_{2727}$	6.0289890485	0.2019174945	Z/7+Z	D2	0.81	c	2796	hjpaacefgeeggjnqhwgwv
$M7_{2728}$	6.0289890485	0.0480825055	Z/11+Z	D2	0.81	c	2797	hnhaadcegfggftjqhlwvn
$M7_{2729}$	6.0289890485	0.2019174945	Z/2+Z	Z/2	0.37	c	2795	hdlaicdefffggmkmeipab
$M7_{2730}$	6.0290509382	0.1738256434	Z	Z/2	0.28	c	2798	hdhaibeefdeggtxdefuqo
$M7_{2731}$	6.0313037428	0.1779994797	Z	Z/2	0.18	c	2799	hnkaeabdfegggfhvqqqah
$M7_{2732}$	6.0315902409	0.0972913750	Z	Z/2	0.20	c	2800	hpkaaabgfeefgfhhqhfbn
$M7_{2733}$	6.0333211756	0.2482010632	Z	Z/2	0.33	c	2801	hpkaaabgfeefgfhxqqknf
$M7_{2734}$	6.0333942646	0.1441290022	Z	Z/2	0.80	c	2802	hcpaedfefeeggctranksn
$M7_{2735}$	6.0345516709	0.0476973710	Z	Z/2	0.28	c	2803	hdlaicfeffdggmumetghg
$M7_{2736}$	6.0355023957	0.1169910190	Z	Z/2	0.46	c	2804	hdlacadfegefgfxxahnno
$M7_{2737}$	6.0355374570	0.2102104222	Z/2+Z	Z/2	0.33	c	2805	hdlacadfegefgfxxhaonb
$M7_{2738}$	6.0361377724	0.0680111032	Z	Z/2	0.58	c	2806	hglabccefggfgmfeqqfgb
$M7_{2739}$	6.0362217975	0.2013750860	Z/18+Z	D2	0.33	c	2807	hcoadacdefgggnkaamubs
$M7_{2740}$	6.0362217975	0.0486249140	Z/6+Z	D2	0.33	c	2808	hkoabacdfggfgnkacuibu
$M7_{2741}$	6.0403258654	0.1952746679	Z/3+Z	Z/2	0.34	c	2812	hdlacadfegefgfahaabgf
$M7_{2742}$	6.0407057754	0.1104057335	Z	Z/2	0.58	c	2813	hdpaaefggdfegkxpeodkk
$M7_{2743}$	6.0408924090	0.0600000706	Z	Z/2	0.18	c	2814	hhkaeabdfegggfhbqqahq
$M7_{2744}$	6.0415261815	0.2210391860	Z/2+Z	Z/2	0.24	c	2815	hnjabbadfggfgafbakngw
$M7_{2745}$	6.0418729808	0.1855609398	Z	Z/2	0.42	c	2816	hfpaadfgfdfegfxdtfegf
$M7_{2746}$	6.0434311399	0.1300226193	Z/5+Z	Z/2	0.79	c	2817	hflabbeeegffgaaqqxafb
$M7_{2747}$	6.0435438674	0.1639566968	Z/2+Z	Z/2	0.25	c	2818	hhkababefegggnapdajkn

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2748}$	6.0436151529	0.1868669881	Z	Z/2	0.46	c	2819	hdlaeadfedgfgkhhagqfo
$M7_{2749}$	6.0444315618	0.1540423813	Z/2+Z	Z/2	0.24	c	2820	hlkababdegfggfhoxfocv
$M7_{2750}$	6.0459306505	0.1250713815	Z/2+Z	Z/2	0.24	c	2822	hnkababdefgggfhghbrcv
$M7_{2751}$	6.0460994761	0.2447311141	Z	Z/2	0.26	c	2823	hbhajbcdeefgghogidfhg
$M7_{2752}$	6.0463301700	0.1806737484	Z	Z/2	0.74	c	2824	hdhabddfeefggtjqpmrjo
$M7_{2753}$	6.0478419996	0.2368164242	Z/2+Z	Z/2	0.32	c	2825	hdpaaffdgdefguxndbkln
$M7_{2754}$	6.0487495352	0.2078023518	Z/2+Z	Z/2	0.24	c	2826	hhjacbadfggfghkfhgbfo
$M7_{2755}$	6.0498648077	0.0347320110	Z/5+Z	Z/2	0.26	c	2827	hbhakccdeefggqgkminqf
$M7_{2756}$	6.0501754825	0.1026048189	Z	Z/2	0.41	c	2828	hdlacadfegefgfxhhagfb
$M7_{2757}$	6.0502114968	0.1867992044	Z/2+Z	Z/2	0.31	c	2829	hdlaeadfedgfgkhxagqno
$M7_{2758}$	6.0507641611	0.0375267519	Z	Z/2	0.43	c	2831	hpkaaabgfeefgfhxxqbof
$M7_{2759}$	6.0522395056	0.0342406704	Z/2+Z	Z/2	0.35	c	2832	hdlaicdefeeggdnxdmlqo
$M7_{2760}$	6.0534710078	0.0154002445	Z/2+Z	Z/2	0.51	c	2833	hhdabbcefefggqqhffoxk
$M7_{2761}$	6.0539720863	0.2322734035	Z/2+Z/4+Z	Z/2	0.24	c	2834	hhkaeabfefgggfhimqgbc
$M7_{2762}$	6.0553712018	0.1135463919	Z	Z/2	0.16	c	2835	hpkaaabgfeefgfhhqxgbn
$M7_{2763}$	6.0563668987	0.0261696049	Z	Z/2	0.86	c	2836	hdhabdceefggghnxmlbrn
$M7_{2764}$	6.0572110838	0.1610117685	Z	Z/2	0.17	c	2838	hhkababdefgggfhfhnvgb
$M7_{2765}$	6.0625445765	0.1537681193	Z	Z/2	0.57	c	2840	hdhabdcegfegghnhuugwk
$M7_{2766}$	6.0629509270	0.2333304312	Z	Z/2	0.61	c	2841	hhdabbcefefggqqhkfohg
$M7_{2767}$	6.0645630395	0.1368753632	Z/3+Z	Z/2	0.35	c	2842	hdlaicfefdfggetxmfpho
$M7_{2768}$	6.0650907515	0.0690646054	Z/4+Z	Z/2	0.30	c	2843	hdhaibddeffgghgouuwab
$M7_{2769}$	6.0652496980	0.1804164936	Z	Z/2	0.16	c	2844	hnkababdegfggfhvqbbfo
$M7_{2770}$	6.0678209033	0.2336807314	Z	Z/2	0.15	c	2845	hpkaaabgfeefgfhhqxgnn
$M7_{2771}$	6.0683413288	0.2163766750	Z	Z/2	0.81	c	2846	hjhabdecegfggheneqwnk
$M7_{2772}$	6.0702325196	0.2001660187	Z	Z/2	0.35	c	2848	hcpaibcfdffggfgxgxxqk
$M7_{2773}$	6.0739286023	0.1918696141	Z/2+Z	Z/2	0.22	c	2849	hlkababdefgggfanqkcjs
$M7_{2774}$	6.0750384503	0.0496390100	Z/2+Z	Z/2	0.38	c	2850	hldaebcdfefggqqhffnho
$M7_{2775}$	6.0754728398	0.2381094081	Z	Z/2	0.46	c	2851	hdpaaedgffgegkomtlmkr
$M7_{2776}$	6.0761994468	0.0730967418	Z/2+Z	Z/2	0.30	c	2852	hdlaeadfedgfgkhxaganf
$M7_{2777}$	6.0771818807	0.0109906436	Z	Z/2	0.59	c	2855	hgpaaedggfegfscilagxf
$M7_{2778}$	6.0788882909	0.0055013005	Z	Z/2	0.29	c	2856	hhnaabdfgeffgawdadbkn
$M7_{2779}$	6.0818493760	0.1389984881	Z	Z/2	0.54	c	2857	hdlacadfegefgfxhxhfgg
$M7_{2780}$	6.0832348371	0.1063099105	Z	D2	0.30	c	2858	hcoafacdeffggnkamdlsf
$M7_{2781}$	6.0836570932	0.0427202784	Z	Z/2	0.42	c	2859	hdlaeadfedgfgkhhagqgo
$M7_{2782}$	6.0844499111	0.1583017623	Z	Z/2	0.74	c	2861	hbhafbcdefggglfndqqlu
$M7_{2783}$	6.0844499111	0.0916982377	Z/9+Z	Z/2	0.74	c	2862	hbhafbcdefggglfndqqmd
$M7_{2784}$	6.0852017580	0.0692149721	Z	Z/2	0.54	c	2864	hdlacadfegefgfxhxaffb
$M7_{2785}$	6.0859339876	0.1662049140	Z/3+Z	Z/2	0.28	c	2865	hdlacadfegefgfahaangf
$M7_{2786}$	6.0864794727	0.0949909806	Z	Z/2	0.59	c	2866	hdpaaefegggefoxbhlpff
$M7_{2787}$	6.0865506055	0.2445856948	Z	Z/2	0.34	c	2867	hdlaicfefdfggetxmfpan
$M7_{2788}$	6.0870279418	0.0856878611	Z	Z/2	0.28	c	2868	hpkaaabgfeefgfhxxxggg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2789}$	6.0873023323	0.0029789132	Z	Z/2	0.35	c	2869	hpkaaabgfeffgfhxqqnkf
$M7_{2790}$	6.0874354580	0.0318834294	Z/2+Z	Z/2	0.34	c	2870	hdhaicfdffeggqtnixeho
$M7_{2791}$	6.0875480542	0.1450269224	Z	Z/2	0.96	c	2871	hflabbddefgfgqbnewbfb
$M7_{2792}$	6.0876719524	0.0167806584	Z	Z/2	0.71	c	2872	hlfacbcdefggghhegvmah
$M7_{2793}$	6.0896496385	0.1666666667	Z/2+Z	D2	0.86	c	2874	hfpaacfdefgggkxnctlpc
$M7_{2794}$	6.0896496385	0.2500000000	Z/4+Z	Z/2	0.55	c	2875	hpdaabcfgefggaagwbwbg
$M7_{2795}$	6.0896496385	0.1666666667	Z/6+Z	D2	0.43	c	2873	hcpaicdceffgggwgnelgo
$M7_{2796}$	6.0900541708	0.0232838301	Z/3+Z	D2	0.83	c	2876	hdpaafgedgefgtmbgxoun
$M7_{2797}$	6.0900541708	0.2267161699	Z	D2	0.83	c	2877	hfpaadfgeefggkxtfkdxc
$M7_{2798}$	6.0906731625	0.2350934701	Z/2+Z	Z/2	0.65	c	2878	hlfacbcdeffgghhegvgan
$M7_{2799}$	6.0920995160	0.2416114801	Z/2+Z	Z/2	0.29	c	2879	hpkaaabgfeefgfhxqqkbg
$M7_{2800}$	6.0940263517	0.0748624047	Z/3+Z	Z/2	0.34	c	2881	hdlaeadfedgfgkxxakaff
$M7_{2801}$	6.0947681189	0.0601298589	Z/3+Z	Z/2	0.14	c	2882	hhkacabdffgggfhbqnofv
$M7_{2802}$	6.0950730005	0.1272965703	Z/2+Z	Z/2	0.28	c	2883	hkoaeacdeffggfkavvshb
$M7_{2803}$	6.0959431339	0.1079334596	Z/3+Z	Z/2	0.24	c	2884	hdlaiceefdeggiuxlfdqb
$M7_{2804}$	6.0961482163	0.0153531185	Z	Z/2	0.27	c	2885	hhkaiabffeeggfhutthef
$M7_{2805}$	6.0965291674	0.2419223595	Z	Z/2	0.59	c	2886	hcpacecefefggfnftkiff
$M7_{2806}$	6.0975691534	0.2015029268	Z	Z/2	0.16	c	2887	hpkaaabgfeefgfhqqhknk
$M7_{2807}$	6.0983226098	0.0547350146	Z	Z/2	0.36	c	2888	hepacedfedfggsolgoiff
$M7_{2808}$	6.0995293115	0.1257374270	Z	D2	0.77	c	2889	hnhaabcffeggglfmxxscr
$M7_{2809}$	6.1002571448	0.0800227309	Z	Z/2	0.50	c	2891	hdlacadfegefgfxhxafgb
$M7_{2810}$	6.1026654907	0.0190782167	Z/4+Z	Z/2	0.27	c	2893	hpkaaabgfeefgfhxxxoof
$M7_{2811}$	6.1028031650	0.2200582056	Z	D2	0.29	c	2894	hgoabacffefggfktfrbif
$M7_{2812}$	6.1040349494	0.0998404952	Z	Z/2	0.16	c	2895	hpkaaabgfeefgfhhqhknn
$M7_{2813}$	6.1052311192	0.2302590883	Z/2+Z	D2	0.29	c	2896	hcoafacdeffggfkamdlsf
$M7_{2814}$	6.1054136054	0.1759437462	Z/5+Z	Z/2	0.51	c	2897	hdhaeddedfgfgakxkahbg
$M7_{2815}$	6.1056536540	0.2303956824	Z/22+Z	Z/2	0.55	c	2898	hffafbcdefgggaaaqhhbw
$M7_{2816}$	6.1056536540	0.0196043176	Z/18+Z	Z/2	0.55	c	2899	hffafbcdefgggaaaqhhgr
$M7_{2817}$	6.1081190619	0.2445711141	Z	Z/2	0.28	c	2900	hkoaeacdeffggfkavvsqf
$M7_{2818}$	6.1081573920	0.0271986633	Z/2+Z	Z/2	0.86	c	2901	hdpaacfedgfggbiooqmxg
$M7_{2819}$	6.1087253990	0.1885947805	Z	Z/2	0.22	c	2902	hdhaecdfdffggqkpblfhf
$M7_{2820}$	6.1090947521	0.1548747919	Z/2+Z	Z/2	0.42	c	2903	hdpaaffdgdefguxkdnklb
$M7_{2821}$	6.1098936975	0.0458142566	Z	Z/2	0.34	c	2904	hpjaaabfegggfbahxxnkg
$M7_{2822}$	6.1103680433	0.0892095880	Z/12+Z	Z/2	0.26	c	2905	hhkaiabeeffggfhtuquik
$M7_{2823}$	6.1122834114	0.0659871109	Z	Z/2	0.31	c	2906	hpjaaabfegefgbahxxkgf
$M7_{2824}$	6.1130884107	0.1017005295	Z	Z/2	0.21	c	2907	hbhajbcdeefgghogidoqb
$M7_{2825}$	6.1135271979	0.0483761551	Z	Z/2	0.43	c	2908	hpfaabcegefggaabokoks
$M7_{2826}$	6.1136586367	0.0223110195	Z	Z/2	0.85	c	2909	hgpaaceegfgfgbsohpidj
$M7_{2827}$	6.1145581645	0.0618733602	Z/3+Z	D2	0.91	c	2910	hdpaaffdeegggmxonvtuk
$M7_{2828}$	6.1145581645	0.1881266398	Z	D2	0.91	c	2911	hnhaadcegfgfgtkduuwgr
$M7_{2829}$	6.1146843724	0.1314704382	Z	Z/2	0.28	c	2912	hpkaaabgfeefgfhxqxonf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2830}$	6.1147148792	0.2385066910	Z/17+Z	Z/2	0.40	c	2913	hdpaaeffgdfegnxdeodfn
$M7_{2831}$	6.1152557244	0.1267134544	Z/2+Z	Z/2	0.86	c	2914	hdpaadgefgefgkdnuxgic
$M7_{2832}$	6.1159515696	0.1387011212	Z	Z/2	0.32	c	2915	hdhaicfdffeggqtnixean
$M7_{2833}$	6.1164947447	0.1196507036	Z	Z/2	0.30	c	2916	hblakadedefggfuddaian
$M7_{2834}$	6.1169952921	0.0730484194	Z	Z/2	0.38	c	2917	hpkaaabgfeefgfhxhxgfg
$M7_{2835}$	6.1170030215	0.0184467805	Z/3+Z	Z/2	0.23	c	2918	hhkaiabffeeggfhutthpg
$M7_{2836}$	6.1186761156	0.1561864950	Z	D2	0.79	c	2919	hepaecedfegggfwfqwerc
$M7_{2837}$	6.1186761156	0.2395198284	Z/2+Z	D2	0.79	c	2920	hhhaacdggeffgtctdirgb
$M7_{2838}$	6.1197198829	0.2223677702	Z/9+Z	Z/2	0.30	c	2922	hdlaicfefdfggmtmefpho
$M7_{2839}$	6.1217487561	0.1278901308	Z	Z/2	0.71	c	2923	hlfacbcdeffgghhegvfan
$M7_{2840}$	6.1249692003	0.0921371304	Z	Z/2	0.76	c	2925	hjhaedcceffggafrppfxk
$M7_{2841}$	6.1255357875	0.1256061912	Z/12+Z	D2	0.27	c	2926	hcoadacdefgggnkahdusn
$M7_{2842}$	6.1255357875	0.1243938088	Z/12+Z	D2	0.27	c	2927	hkoabacdfggfgnkakhugu
$M7_{2843}$	6.1268411039	0.1248668158	Z	Z/2	0.27	c	2928	hpkaaabgfeefgfhxqxobg
$M7_{2844}$	6.1273951744	0.1425267087	Z	Z/2	0.37	c	2929	hdnabbdfegffgafmmabsk
$M7_{2845}$	6.1285264456	0.2359490321	Z	Z/2	0.47	c	2930	hdlaeadfedgfgfahabqfo
$M7_{2846}$	6.1286936100	0.2251194782	Z	Z/2	0.29	c	2931	hblakadedefggfuddaiho
$M7_{2847}$	6.1287742853	0.0346770598	Z/2+Z	Z/2	0.51	c	2932	hfpaadfgedffgfxuofepb
$M7_{2848}$	6.1294222658	0.0446899484	Z/5+Z	Z/2	0.30	c	2933	hpjaabafgeefgafqqakog
$M7_{2849}$	6.1302439685	0.1801342016	Z/15+Z	Z/2	0.31	c	2934	hdlacadfegefgfhhahbfk
$M7_{2850}$	6.1316548050	0.1581087389	Z	Z/2	0.35	c	2935	hldaebcdfefggqqhffnak
$M7_{2851}$	6.1322563582	0.0254656983	Z/2+Z	Z/2	0.18	c	2936	hhjacbadfgfgghkfqgobj
$M7_{2852}$	6.1329100031	0.1289845242	Z	Z/2	0.30	c	2937	hpkaaabgfeefgfhxxhkgf
$M7_{2853}$	6.1340069913	0.1318238493	Z/2+Z	Z/2	0.30	c	2938	hpkaaabgfeggffhxxxfog
$M7_{2854}$	6.1341198616	0.0497113647	Z	Z/2	0.59	c	2939	hlhaadcfegggfarappwfn
$M7_{2855}$	6.1367030002	0.1169454820	Z/2+Z	Z/2	0.28	c	2940	hdlaicfefdfggmtmefpan
$M7_{2856}$	6.1375671003	0.0393802693	Z	Z/2	0.57	c	2941	hcpacecefefggfnftkiof
$M7_{2857}$	6.1381387891	0.2326789012	Z/16+Z	D2	0.77	c	2944	hcpaedfefeeggctraoksn
$M7_{2858}$	6.1381387891	0.2326789012	Z	Z/2	0.77	c	2947	holaaccffggfgmfxaxrrg
$M7_{2859}$	6.1381387891	0.0173210988	Z	Z/2	0.75	c	2946	holaaccfeggfgmfxdxrro
$M7_{2860}$	6.1398095927	0.1159569668	Z/2+Z	D2	0.27	c	2948	hcoafacdeffggfkamdlfb
$M7_{2861}$	6.1411378129	0.1610560791	Z	Z/2	0.35	c	2949	hnlaaacfdgffgfnwfjbnf
$M7_{2862}$	6.1420319902	0.2114900475	Z	Z/2	0.38	c	2950	hcpaibcfdffggnkxoqqqk
$M7_{2863}$	6.1424043147	0.1538033537	Z/2+Z	Z/2	0.46	c	2951	hcoadacdefgggnkaapigk
$M7_{2864}$	6.1427682366	0.0107538643	Z	Z/2	0.55	c	2953	hdpaafdgegfegmclfxifk
$M7_{2865}$	6.1432999068	0.0246163257	Z/2+Z	Z/2	0.18	c	2954	hlkababdefgggfhoqfjcv
$M7_{2866}$	6.1436645855	0.1461132978	Z	Z/2	0.67	c	2955	hhdabbcdeffggqqmfgvhg
$M7_{2867}$	6.1437342169	0.2283525517	Z	Z/2	0.39	c	2956	hdlacadfegefgfxxaannn
$M7_{2868}$	6.1439755499	0.2044123968	Z/5+Z	Z/2	0.50	c	2957	hdlacadfegefgfxhxhngg
$M7_{2869}$	6.1443363405	0.1281968587	Z	Z/2	0.39	c	2958	hfpaaffgefdegixpfingb
$M7_{2870}$	6.1463460981	0.1135436273	Z/10+Z	Z/2	0.60	c	2959	hhfacbcdeffggaaubowqn

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$M7_{2871}$	6.1470618675	0.0836328156	Z/2+Z	Z/2	0.45	c	2960	hnfabbcdfggfgaaakpufe
$M7_{2872}$	6.1470841142	0.0053454152	Z	Z/2	0.21	c	2961	hhkaiabeffeggfheiqlhf
$M7_{2873}$	6.1471916269	0.1400349620	Z/4+Z	Z/2	0.24	c	2962	hdlaeadfedgfgfhaagakf
$M7_{2874}$	6.1479437730	0.0159258869	Z	Z/2	0.31	c	2963	hpkaaabgfeeggfhxxhkbg
$M7_{2875}$	6.1482350812	0.2496991337	Z	Z/2	0.50	c	2964	hnfabbcdfgfgghhhoentu
$M7_{2876}$	6.1486004987	0.2441459873	Z	Z/2	0.34	c	2965	hnlaaacfdgffgfnwksjnf
$M7_{2877}$	6.1498075076	0.1894242388	Z/3+Z	Z/2	0.66	c	2966	hfpaadeggdffgosdlomus
$M7_{2878}$	6.1504824676	0.2487190328	Z	Z/2	0.36	c	2967	hdnabbdfegffgafmmhbsf
$M7_{2879}$	6.1510850069	0.1591047034	Z	Z/2	0.39	c	2968	hdpaaefdgdffgnxndbmlb
$M7_{2880}$	6.1515725678	0.0649886405	Z	Z/2	0.31	c	2969	hpjaabafgeeggafqqakbg
$M7_{2881}$	6.1523097438	0.0108711246	Z	Z/2	0.75	c	2971	hjlabbdeffgfgqbxqhwwf
$M7_{2882}$	6.1523775902	0.1875915170	Z/2+Z	Z/2	0.45	c	2972	hcoadacdefgggfkaapigk
$M7_{2883}$	6.1533833936	0.0737533817	Z/3+Z	Z/2	0.23	c	2973	hdlacadfegefgfhhahngf
$M7_{2884}$	6.1555059460	0.1169705174	Z	Z/2	1.02	c	2974	hjpaacdeegfggkggnqqwf
$M7_{2885}$	6.1559575234	0.1380471907	Z/2+Z	Z/2	0.17	c	2975	hnkababdffgggnabqbnkg
$M7_{2886}$	6.1562389613	0.0864829581	Z	Z/2	0.19	c	2976	hhkababdegfggfhbqvkof
$M7_{2887}$	6.1563782523	0.1191705293	Z/3+Z	Z/2	0.28	c	2977	hdlaiceefdeggduxdklqg
$M7_{2888}$	6.1565915140	0.1011003065	Z	Z/2	0.38	c	2978	hpjaaabfegggfbahxxnko
$M7_{2889}$	6.1570333220	0.0267878836	Z	Z/2	0.51	c	2979	hflabaceffgggknafohqx
$M7_{2890}$	6.1580364132	0.1211254404	Z	Z/2	0.20	c	2980	hhkaiabeeffggfhtuqupb
$M7_{2891}$	6.1591222417	0.2036979802	Z	Z/2	0.19	c	2981	hbhakccdeefggqgkminqg
$M7_{2892}$	6.1610461766	0.2240050369	Z/2+Z	Z/2	0.27	c	2982	hdlaicfefdfggmtmenpan
$M7_{2893}$	6.1615295752	0.0370608622	Z	Z/2	0.44	c	2983	hdlaeadfedgfgfahabaff
$M7_{2894}$	6.1642350749	0.1457024212	Z	Z/2	0.88	c	2984	hcpabdcdffgggnonxiemv
$M7_{2895}$	6.1650315545	0.0263640244	Z	Z/2	0.29	c	2985	hpkaaabgfeeggfhxxxobg
$M7_{2896}$	6.1657689476	0.1023529928	Z	trivial	1.09	c	2986	hgpaacdfefgggnoewexab
$M7_{2897}$	6.1659519543	0.1206413478	Z	Z/2	0.35	c	2987	hdlaeadfedgfgfhhagagf
$M7_{2898}$	6.1670291640	0.0934041826	Z	Z/2	0.79	c	2988	hbpacfdcfegggejohodpc
$M7_{2899}$	6.1682771056	0.0975883674	Z	Z/2	0.23	c	2989	hdnaebdfdefggafmnmsqg
$M7_{2900}$	6.1690620695	0.0363566498	Z/2+Z	Z/2	0.16	c	2990	hlkacabdfgfggfhohgobf
$M7_{2901}$	6.1693656226	0.1859365249	Z	Z/2	0.25	c	2991	hpjaabafgeefgafqqafog
$M7_{2902}$	6.1729674970	0.0885470324	Z	Z/2	0.32	c	2993	hpjaabafgeefgafqaakof
$M7_{2903}$	6.1740762201	0.1113170398	Z	Z/2	0.37	c	2994	hfpaaffgefdegixpoinnk
$M7_{2904}$	6.1741247833	0.2202270952	Z	Z/2	0.37	c	2995	hdpaaffdgdfeguxnlbufo
$M7_{2905}$	6.1743523859	0.0022206312	Z	Z/2	0.81	c	2996	hflabbeeegffgaaqqxakb
$M7_{2906}$	6.1758754229	0.0868311872	Z/19+Z	Z/2	0.49	c	2997	hblafccdefgggdknxhaha
$M7_{2907}$	6.1758754229	0.1631688128	Z/11+Z	Z/2	0.49	c	2998	hblafccdefgggdknxhaxq
$M7_{2908}$	6.1769512415	0.1371056347	Z	Z/2	0.32	c	2999	honaabbfegefgabxaabkb
$M7_{2909}$	6.1772770957	0.1721115963	Z	Z/2	0.32	c	3000	hpjaabafgeefgafqqafgf
$M7_{2910}$	6.1783891178	0.2317651957	Z	Z/2	0.75	c	3001	hflabbddefgfgqbnewbkb
$M7_{2911}$	6.1793617658	0.0701800225	Z	Z/2	0.24	c	3002	hpjaabafgeefgafqaafon

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2912}$	6.1805862151	0.0405602022	Z/15+Z	D2	0.24	c	3003	hkoabacdfggfgfkakhugu
$M7_{2913}$	6.1805862151	0.2094397978	Z/9+Z	D2	0.24	c	3004	hkoabacdgffggfkaqnwmu
$M7_{2914}$	6.1812244983	0.2372427318	Z/6+Z	Z/2	0.36	c	3005	hdhabdcegfegghnhpionr
$M7_{2915}$	6.1826701832	0.2364917994	Z	Z/2	0.28	c	3006	hpkaaabgfeefgfhxxxggf
$M7_{2916}$	6.1829246901	0.2095499581	Z	D2	1.01	c	3007	hcpabdcegefggnokhohjs
$M7_{2917}$	6.1829246901	0.0404500419	Z/3+Z	D2	0.50	c	3008	hcpaeeeddfgggfbobhhsj
$M7_{2918}$	6.1829246901	0.2071167086	Z/4+Z	Z/2	0.38	c	3009	hdpaadfeggegfkanxxnxk
$M7_{2919}$	6.1836984673	0.1986985071	Z	Z/2	0.56	c	3010	hhdabbcefefggqqhkfoan
$M7_{2920}$	6.1838678869	0.0540309712	Z/2+Z	Z/2	0.83	c	3011	hbpabfdedggfgiwfbximf
$M7_{2921}$	6.1840363523	0.2131424460	Z	Z/2	0.47	c	3012	hfpaadfgfdfegfxutfefb
$M7_{2922}$	6.1873329761	0.0979834955	Z	Z/2	0.37	c	3013	hdpaaffdgdefguxndbklb
$M7_{2923}$	6.1896554851	0.0298516751	Z	Z/2	0.44	c	3014	hdlaeadfedgfgkahabagf
$M7_{2924}$	6.1897741791	0.0076964563	Z	Z/2	0.75	c	3015	hghabdcfeggfghohxhkgw
$M7_{2925}$	6.1907196946	0.0528088914	Z	Z/2	0.37	c	3016	hdlacadfegefgfxhhaggb
$M7_{2926}$	6.1909800618	0.2466920579	Z	Z/2	0.74	c	3017	hflabbeeegffgaaqqxafk
$M7_{2927}$	6.1919555294	0.1963955520	Z/2+Z	Z/2	0.36	c	3019	hdlacadfegffgfxhhabgb
$M7_{2928}$	6.1934474681	0.0786781533	Z	Z/2	0.21	c	3020	hdoaiaedfdeggfhaangqf
$M7_{2929}$	6.1941711690	0.2235788955	Z	Z/2	0.36	c	3022	hdlaeadfedgfgkhhagagf
$M7_{2930}$	6.1945012515	0.2129999559	Z	Z/2	0.26	c	3023	hpjaabafgeefgafqaafgn
$M7_{2931}$	6.1950048388	0.0446277699	Z/2+Z	Z/2	0.14	c	3024	hnkababdfggfgnabakngw
$M7_{2932}$	6.1959075983	0.1541677974	Z	Z/2	0.36	c	3025	hdhabdcegfegghnapiknr
$M7_{2933}$	6.1961852551	0.0604226348	Z	Z/2	0.35	c	3026	hdlacadfegefgfaxaabnf
$M7_{2934}$	6.1964215962	0.2244830257	Z/19+Z	Z/2	0.49	c	3027	hdlacadfegefgfxhxanfb
$M7_{2935}$	6.1970705136	0.0548193567	Z	Z/2	0.46	c	3028	hdpaaffdgdfegtxnlnugo
$M7_{2936}$	6.2026421505	0.1763482092	Z	Z/2	0.28	c	3030	hpjaabafgeggfafqaankg
$M7_{2937}$	6.2030849337	0.1979023182	Z	Z/2	0.56	c	3031	hdhabcdefgggfqkhqafoo
$M7_{2938}$	6.2044848198	0.1493541418	Z	Z/2	0.31	c	3032	hpkaaabgfeefgfhxqxgbf
$M7_{2939}$	6.2048419011	0.0577896361	Z	Z/2	0.29	c	3033	hdlaeadfedgfgkahabqfg
$M7_{2940}$	6.2050905559	0.2323529178	Z	Z/2	0.31	c	3034	hpkaaabgfeefgfhxqqbng
$M7_{2941}$	6.2054411152	0.0474861734	Z/19+Z	Z/2	0.29	c	3036	hdlaeadfedgfgkahabafk
$M7_{2942}$	6.2090386869	0.2436110499	Z	Z/2	0.34	c	3038	hpkaaabgfeffgfhxhhnkf
$M7_{2943}$	6.2122531563	0.2194607264	Z/2+Z	Z/2	0.24	c	3040	hdlaeadfedgfgkhaagakf
$M7_{2944}$	6.2129942768	0.0040844646	Z	Z/2	0.64	c	3041	hhfacbcdeffggaaubokhb
$M7_{2945}$	6.2167401193	0.0610993453	Z	Z/2	0.24	c	3042	hdoaiaedfdeggfhaabgqf
$M7_{2946}$	6.2170609589	0.2310970325	Z	Z/2	0.42	c	3043	hdlaeadfedgfgkahakqfo
$M7_{2947}$	6.2186136136	0.1455192899	Z/2+Z	Z/2	0.13	c	3044	hlkacabdfggfgfhoqgbfs
$M7_{2948}$	6.2189652880	0.0779087801	Z/4+Z	Z/2	0.53	c	3045	hhdabbcefefggqqhkfohf
$M7_{2949}$	6.2197803995	0.2249922479	Z	Z/2	0.34	c	3046	hcpabdefdfeggcnpbuncg
$M7_{2950}$	6.2207615629	0.1579817346	Z	Z/2	0.46	c	3047	hbladacdegfggfnxhuunk
$M7_{2951}$	6.2213963155	0.0275096270	Z	Z/2	0.48	c	3049	hnfabbcdfgfgghhhfmwui
$M7_{2952}$	6.2220448524	0.2324732222	Z	Z/2	0.24	c	3050	hpkaaabgfeefgfhxqxong

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{2953}$	6.2225901191	0.1198604626	Z	Z/2	0.81	c	3051	hjpaacfdggfegrubmqugw
$M7_{2954}$	6.2230211419	0.1321638783	Z	Z/2	0.25	c	3052	hpkaaabgfeefgfhxxxoog
$M7_{2955}$	6.2237753533	0.1413206068	Z	Z/2	0.21	c	3054	hpkaaabgfeefgfhqqhfbb
$M7_{2956}$	6.2241509215	0.0316509816	Z	Z/2	0.24	c	3055	hhkaeabffegggfhuttgbn
$M7_{2957}$	6.2255809048	0.2414525997	Z	Z/2	0.71	c	3056	hbhadbcedfgfglfmcffgf
$M7_{2958}$	6.2272854805	0.0511392636	Z	Z/2	0.33	c	3057	hpjaaabfegefgbahxhkgg
$M7_{2959}$	6.2281766064	0.1399797738	Z	Z/2	0.25	c	3058	hhkaiabffeeggfhutthen
$M7_{2960}$	6.2284017210	0.2043275771	Z	Z/2	0.25	c	3059	hdoaiaedfdeggfhaaboqf
$M7_{2961}$	6.2309223497	0.1353950969	Z	Z/2	0.24	c	3061	hhkababeefgggnauttfnk
$M7_{2962}$	6.2310212345	0.2085285712	Z/2+Z	Z/2	0.70	c	3062	hldaebcdfegggqqhffahq
$M7_{2963}$	6.2314368690	0.2439756620	Z	Z/2	0.20	c	3063	hpkaaabgfeefgfhhqhfbf
$M7_{2964}$	6.2319820644	0.1203166150	Z/2+Z	Z/2	0.26	c	3064	hpkaaabgfeggffhxqxfon
$M7_{2965}$	6.2327647827	0.0276099842	Z	Z/2	0.19	c	3065	hpkaaabgfeefgfhhqxobn
$M7_{2966}$	6.2328329776	0.2391366530	Z/2+Z	D2	0.65	c	3066	hfhacbdfefgggpbaatnvc
$M7_{2967}$	6.2333780828	0.1926289526	Z/10+Z	Z/2	0.47	c	3067	hdlaeadfedgfgfhhaoqfo
$M7_{2968}$	6.2341408695	0.0831473090	Z	Z/2	0.80	c	3068	hfhabceeegfggtixiqpos
$M7_{2969}$	6.2350937953	0.1542899662	Z/11+Z	Z/2	0.44	c	3069	hdlaeadfedgfgkhhaoqfo
$M7_{2970}$	6.2351788493	0.0070694145	Z	Z/2	0.34	c	3070	hpkaaabgfeefgfhxhhknf
$M7_{2971}$	6.2361909009	0.1847066279	Z	Z/2	0.46	c	3071	hcoadacdegfggfkaaqqbg
$M7_{2972}$	6.2366658281	0.1030171672	Z	Z/2	0.30	c	3072	hpjaabafgeefgafqqxbof
$M7_{2973}$	6.2381689994	0.2399269268	Z	Z/2	0.58	c	3074	hdlabcdegeggfebxmqgcn
$M7_{2974}$	6.2390940967	0.0416951296	Z	Z/2	0.61	c	3075	hbhadcedefgggqmkedrnb
$M7_{2975}$	6.2391962265	0.2414513333	Z/3+Z	Z/2	0.74	c	3076	hpdaabcffegggqqwfsvcj
$M7_{2976}$	6.2398544359	0.1895778543	Z/2+Z	D2	1.06	c	3077	hbpabfdefeggglvfavxls
$M7_{2977}$	6.2398544359	0.2270888123	Z/2+Z	Z/2	0.38	c	3078	hcnadbddefgggebbtnrsk
$M7_{2978}$	6.2426695460	0.1823076426	Z	D2	0.65	c	3080	hnlaaccfefgggdkxtpwrr
$M7_{2979}$	6.2437627451	0.0986217621	Z	Z/2	0.35	c	3081	hdpaadfeggegfkhnxxnxo
$M7_{2980}$	6.2492542570	0.0580981386	Z/11+Z	Z/2	0.29	c	3082	hdlaeadfedgfgfhhagqgg
$M7_{2981}$	6.2502442387	0.0778679640	Z/17+Z	Z/2	0.32	c	3083	hdlaeadfedgfgkhhagaff
$M7_{2982}$	6.2518902986	0.2437096305	Z/3+Z	Z/2	0.24	c	3084	hhkaiabeeffggfhtuquif
$M7_{2983}$	6.2536049587	0.0138184940	Z/2+Z	Z/2	0.45	c	3085	hdpaaefdgdffgnxnubmlf
$M7_{2984}$	6.2536052700	0.0465874874	Z	Z/2	0.88	c	3086	hfpaadgfegfgffeqntqxl
$M7_{2985}$	6.2544123782	0.2047686503	Z	Z/2	0.58	c	3087	hdpaacgegffegrifxhdfo
$M7_{2986}$	6.2551732017	0.2294434191	Z/3+Z	Z/2	0.23	c	3088	hdlacadfegefgfahaabfk
$M7_{2987}$	6.2559452513	0.0724552247	Z	Z/2	0.44	c	3089	hdlacadfegefgfxhxangb
$M7_{2988}$	6.2575450244	0.2133561471	Z/3+Z	Z/2	0.21	c	3090	hdlacadfegefgfhhahbgf
$M7_{2989}$	6.2575822646	0.0227095846	Z/2+Z/2+Z	Z/2	0.52	c	3091	hhdabbcefefggqqhffohf
$M7_{2990}$	6.2578963829	0.2313116921	Z/3+Z	Z/2	0.57	c	3092	hbpabcfedgfggrufoxuho
$M7_{2991}$	6.2586590519	0.2108342279	Z	Z/2	0.43	c	3093	hcoadacdegfggnkaheekn
$M7_{2992}$	6.2602852459	0.0761850743	Z	Z/2	0.23	c	3094	hdoaiaedfdeggfhahboqk
$M7_{2993}$	6.2608812438	0.1374429999	Z	Z/2	0.70	c	3095	hcpacbfcfggfgbafxqaxh

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$M7_{2994}$	6.2609978037	0.2296057612	Z	Z/2	0.31	c	3096	hdlaeadfedgfgfhhagaff
$M7_{2995}$	6.2621212239	0.0095583039	Z/6+Z	Z/2	0.17	c	3097	hpkaaabgfeefgfhqxhkob
$M7_{2996}$	6.2625714780	0.0092597922	Z	Z/2	0.32	c	3098	hpkaaabgfeefgfhxqxobf
$M7_{2997}$	6.2634203427	0.2098374864	Z/2+Z	Z/2	0.79	c	3100	hfhacbcffefggtcqiuwco
$M7_{2998}$	6.2634586417	0.1682561118	Z/3+Z	Z/2	0.32	c	3101	hbpaecedffeggckotlkkk
$M7_{2999}$	6.2644613304	0.2500000000	Z/3+Z/6+Z	D4	0.73	a	3102	hfhabbcefgfgglfdxuojn
$M7_{3000}$	6.2644613304	0.0000000000	Z/2+Z	D4	0.73	a	3103	hfhabbcefggfglfdxusfn
$M7_{3001}$	6.2650623560	0.2087996352	Z	Z/2	0.30	c	3104	hdlacadfegefgfaxaannf
$M7_{3002}$	6.2651411118	0.0329611378	Z	Z/2	0.51	c	3105	hhhaadgedggffteqcufnb
$M7_{3003}$	6.2666992973	0.2331680467	Z/6+Z	D2	0.76	c	3106	hbpaecdedfggggknbehfo
$M7_{3004}$	6.2666992973	0.2331680467	Z/2+Z	D2	0.76	c	3107	hdlaccfeffgggetameqfj
$M7_{3005}$	6.2666992973	0.0168319533	Z	D2	0.73	c	3109	hpdaabceefgggaafovcfo
$M7_{3006}$	6.2666992973	0.2331680467	Z/3+Z	D2	0.73	c	3110	hpdaabcefegggaancovno
$M7_{3007}$	6.2673303986	0.0611658615	Z/2+Z/2+Z	Z/2	0.42	c	3111	hdlaiadfeffggfhhafoqo
$M7_{3008}$	6.2673975492	0.1285771081	Z/6+Z	Z/2	0.20	c	3112	hdlacadfegefgfahaabgk
$M7_{3009}$	6.2722730654	0.1339976899	Z	Z/2	0.51	c	3116	hdhabbedgfffgqxbqqsgk
$M7_{3010}$	6.2732784573	0.0670138835	Z	Z/2	0.43	c	3117	hdhabdcegfegghnauubwk
$M7_{3011}$	6.2740071591	0.2346060714	Z/2+Z	Z/2	0.30	c	3118	hpkaaabgfeggffhxqxfob
$M7_{3012}$	6.2747396481	0.1870744972	Z	Z/2	0.47	c	3119	hdlaeadfedgfgfahabagf
$M7_{3013}$	6.2761295490	0.2276633927	Z	Z/2	0.69	c	3120	hflabbddefgfgqbnewgkf
$M7_{3014}$	6.2779446414	0.0703109168	Z/5+Z	Z/2	0.31	c	3121	hpjaabafgeefgafqaakon
$M7_{3015}$	6.2810287265	0.0357763031	Z/4+Z	Z/2	0.50	c	3122	hdpaacfggeegfnaxxknxk
$M7_{3016}$	6.2832724115	0.2373209051	Z	Z/2	0.37	c	3123	hdlaeadfedgfgkahabqgo
$M7_{3017}$	6.2868243146	0.0596850822	Z/4+Z	Z/2	0.42	c	3124	hdlaeadfedgfgfaxabanf
$M7_{3018}$	6.2870352398	0.0359528124	Z	Z/2	0.37	c	3125	hdlaeadfedgfgkahakaff
$M7_{3019}$	6.2903026840	0.0221790787	Z/14+Z	D2	0.86	c	3126	hbpabddfgfggfnkxaxqhx
$M7_{3020}$	6.2903026840	0.0221790787	Z/10+Z	D2	0.77	c	3128	hcpabbcffgfggfoxxqxha
$M7_{3021}$	6.2904910146	0.0774582751	Z/5+Z	Z/2	0.46	c	3129	hdlaeadfedgfgfahakqfo
$M7_{3022}$	6.2910262145	0.2279687161	Z/2+Z	Z/2	0.41	c	3130	hdpaaefggdfegkxpeodbk
$M7_{3023}$	6.2910443377	0.0917148267	Z	Z/2	0.15	c	3131	hpkaaabgfeefgfhhqxgnf
$M7_{3024}$	6.2941040199	0.1235445241	Z	Z/2	0.67	c	3132	hcpabdfcgfgegoakqiqfn
$M7_{3025}$	6.2942414673	0.1678627651	Z/2+Z	Z/2	0.35	c	3133	hcoadacdefgggnkahahkg
$M7_{3026}$	6.2945432207	0.2072502927	Z	Z/2	0.29	c	3134	hdlaeadfedgfgfhhagqfg
$M7_{3027}$	6.2958064048	0.1482082496	Z/4+Z	Z/2	0.46	c	3136	hgpaadefffeggcspuxghf
$M7_{3028}$	6.2960208431	0.1559463895	Z	Z/2	0.39	c	3137	hdhaiddedfeggakakabaf
$M7_{3029}$	6.2961799657	0.0943914304	Z/2+Z	Z/2	0.39	c	3138	hdlaeadfedgfgkaxabanf
$M7_{3030}$	6.2968110083	0.1995341100	Z	Z/2	0.29	c	3139	hdlaeadfedgfgkaxabqfo
$M7_{3031}$	6.2974501295	0.2443458771	Z/2+Z	Z/2	0.31	c	3141	hhhaacefgfgegmahhpibj
$M7_{3032}$	6.3002231862	0.0842129609	Z	Z/2	0.76	c	3142	hfhabcedgeggfuecpibog
$M7_{3033}$	6.3018736437	0.0608017229	Z/2+Z	Z/2	0.83	c	3143	hhhaabfdegfggqufiinsc
$M7_{3034}$	6.3027532215	0.0847139306	Z	D2	0.83	c	3144	hdpaadfegeeggkxnxnosj

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{3035}$	6.3034349750	0.1261383591	Z/2+Z/4+Z	Z/2	0.41	c	3145	hdpaaefggdfegkxpegdbk
$M7_{3036}$	6.3034778093	0.2182071327	Z	Z/2	0.19	c	3146	hpkaaabgfeefgfhqqhfnb
$M7_{3037}$	6.3038331906	0.0161750610	Z	Z/2	0.50	c	3147	hdhabcdefgggfqkhaafof
$M7_{3038}$	6.3045607668	0.1410891612	Z/2+Z	Z/2	0.16	c	3149	hpkaaabgfeefgfhqqhknb
$M7_{3039}$	6.3053715951	0.1703221069	Z	Z/2	0.29	c	3150	hpjaabafgeefgafqqafgg
$M7_{3040}$	6.3059551719	0.0427764473	Z	Z/2	0.42	c	3151	hdlaeadfedgfgfhhaoqgo
$M7_{3041}$	6.3062417274	0.0462018793	Z	Z/2	0.26	c	3152	hpkaaabgfeefgfhhqqbbn
$M7_{3042}$	6.3071793469	0.2426667828	Z	Z/2	0.16	c	3153	hpkaaabgfeefgfhhqhknf
$M7_{3043}$	6.3095144447	0.1342438805	Z/2+Z	Z/2	0.49	c	3154	hhdabbcefefggqqhffohg
$M7_{3044}$	6.3098550605	0.1117376180	Z	Z/2	0.18	c	3155	hpkaaabgfeefgfhhqxobf
$M7_{3045}$	6.3102250907	0.0928387289	Z/2+Z	Z/2	0.39	c	3156	hdlaiadfeeeggfahankqk
$M7_{3046}$	6.3106827749	0.0301999342	Z	D2	0.77	c	3158	hcpabdefdfgggckpbuxqc
$M7_{3047}$	6.3106827749	0.2198000658	Z	D2	0.38	c	3157	hcpabdefdfeggckpbubcg
$M7_{3048}$	6.3123756193	0.1384623833	Z	Z/2	0.28	c	3160	hpkaaabgfeffgfhxqqnkg
$M7_{3049}$	6.3128717410	0.1615170030	Z	Z/2	0.39	c	3161	hdhaeddedfgfgakxkahbo
$M7_{3050}$	6.3129993898	0.0670226114	Z/2+Z	Z/2	0.61	c	3162	hdnaebddfefggafwddkak
$M7_{3051}$	6.3152530615	0.2301587523	Z	Z/2	0.17	c	3164	hpkaaabgfeefgfhhqxonf
$M7_{3052}$	6.3167300688	0.0953727428	Z	Z/2	0.73	c	3165	hfhacceefgfggtixthpnc
$M7_{3053}$	6.3167570991	0.0833700971	Z	Z/2	0.47	c	3166	hbpaicdedffgggknbeafn
$M7_{3054}$	6.3169529430	0.1766818359	Z	Z/2	0.28	c	3167	hpjaabafgeggfafqaanko
$M7_{3055}$	6.3170399927	0.0344447881	Z/11+Z	Z/2	0.42	c	3168	hflacaceegfggknanakei
$M7_{3056}$	6.3170399927	0.2155552119	Z	Z/2	0.42	c	3169	hflacaceegfggknanakpt
$M7_{3057}$	6.3189407178	0.0812653929	Z	Z/2	0.31	c	3170	hdpaafdeegffgtconqiuo
$M7_{3058}$	6.3199700801	0.2130591365	Z/13+Z	Z/2	0.27	c	3171	hdlaeadfedgfgkhhagqgg
$M7_{3059}$	6.3201537625	0.2093488736	Z	Z/2	0.67	c	3172	hbpabeedeffggjgrbqmkg
$M7_{3060}$	6.3212185468	0.1161912609	Z	Z/2	0.18	c	3173	hpkaaabgfeefgfhhqhkbf
$M7_{3061}$	6.3215645234	0.1414205494	Z	Z/2	0.28	c	3174	hdlaeadfedgfgkhhagqfg
$M7_{3062}$	6.3217145273	0.1126128759	Z/2+Z	Z/2	0.28	c	3175	hpkaaabgfeefgfhxqqkng
$M7_{3063}$	6.3235647551	0.1276769119	Z	Z/2	0.19	c	3176	hpkaaabgfeefgfhhqxonn
$M7_{3064}$	6.3240131356	0.0243896552	Z	Z/2	0.38	c	3177	hdlacadfegefgfxhxhfgo
$M7_{3065}$	6.3248463219	0.1582019522	Z	Z/2	0.69	c	3178	hknabbdeffgfghfxhqssk
$M7_{3066}$	6.3259328215	0.0813473598	Z	Z/2	0.28	c	3179	hpjaabafgeeggafqqafbg
$M7_{3067}$	6.3268524689	0.1078147667	Z	Z/2	0.20	c	3180	hpkaaabgfeeggfhqqhfgb
$M7_{3068}$	6.3280745984	0.0844470762	Z/22+Z	Z/2	0.36	c	3181	hdlacadfegefgfxhxafgn
$M7_{3069}$	6.3288265610	0.1444289152	Z/3+Z	Z/2	0.19	c	3182	hpkaaabgfeefgfhqxhfob
$M7_{3070}$	6.3326666425	0.2185499374	Z	D2	1.12	c	3184	hdpaadfedfggggxsvexlc
$M7_{3071}$	6.3326666425	0.1981167293	Z/4+Z	Z/2	0.46	c	3183	hbpaicdedffgggknbeajo
$M7_{3072}$	6.3348207717	0.2193919832	Z	Z/2	0.65	c	3185	hcpaedfefeeggctrankof
$M7_{3073}$	6.3365040082	0.0490841623	Z	Z/2	0.26	c	3186	hpjaabafgeefgafqqxbog
$M7_{3074}$	6.3369201509	0.2377748428	Z/2+Z	Z/2	0.66	c	3187	hbhadcedefgggtigxtnnj
$M7_{3075}$	6.3374291623	0.1395975648	Z/5+Z	Z/2	0.80	c	3188	hbhafbcdefggglfndqqie

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{3076}$	6.3374291623	0.1104024352	Z/13+Z	Z/2	0.80	c	3189	hbhafbcdefggglfndqqpt
$M7_{3077}$	6.3405062363	0.1495403391	Z	Z/2	0.43	c	3190	hdpaacfggeegfnhxxknxo
$M7_{3078}$	6.3405440187	0.0900413820	Z	Z/2	0.52	c	3191	hfnacbcffefggmghiqswf
$M7_{3079}$	6.3408437646	0.0055153195	Z/2+Z	Z/2	0.19	c	3192	hpkaaabgfeggffhhqhofb
$M7_{3080}$	6.3422082804	0.0014502817	Z/4+Z	Z/2	0.44	c	3193	hjpaaceggffegcnqiatnw
$M7_{3081}$	6.3431752810	0.0842634565	Z	Z/2	0.42	c	3194	hdlaeadfedgfgfahabqgo
$M7_{3082}$	6.3437608893	0.2031371735	Z	Z/2	0.74	c	3195	hepaecedfegggfwfqwers
$M7_{3083}$	6.3441142610	0.2402963992	Z	Z/2	0.21	c	3196	hpkaaabgfeefgfhhqhfnn
$M7_{3084}$	6.3450163688	0.1568243458	Z	Z/2	0.21	c	3197	hpkaaabgfeefgfhqqhkbk
$M7_{3085}$	6.3455793052	0.0798434348	Z/3+Z	D2	0.72	c	3198	hhnaabddgffgghknxgbss
$M7_{3086}$	6.3455793052	0.1701565652	Z	D2	0.72	c	3199	hhnaabdfgefgghklxdgss
$M7_{3087}$	6.3458777222	0.1258770752	Z	D2	0.76	c	3200	hbhadcedefggguigxtnnj
$M7_{3088}$	6.3479918995	0.0462002608	Z	Z/2	0.44	c	3201	hbhafddceffgginvxifdb
$M7_{3089}$	6.3497946458	0.0560035831	Z	Z/2	0.77	c	3202	hapaddcedgfggbjnjuxrf
$M7_{3090}$	6.3513109475	0.2333616619	Z	Z/2	0.39	c	3203	hdlacadfegefgfxhxaffn
$M7_{3091}$	6.3519319503	0.1982106375	Z	Z/2	0.38	c	3204	hdlaeadfedgfgkhhaoqgo
$M7_{3092}$	6.3525536299	0.1714399689	Z/3+Z	trivial	0.79	c	3205	hfpaacdfefgfgrodkdxug
$M7_{3093}$	6.3534715588	0.1087378793	Z	Z/2	0.26	c	3206	hpkaaabgfeefgfhhqqbbf
$M7_{3094}$	6.3545865572	0.0685405820	Z/3+Z	Z/2+Z/2+Z/2	1.22	c	3214	hcpabdcegefggnokxoxsj
$M7_{3095}$	6.3545865572	0.1814594180	Z/3+Z/3+Z	D4	1.07	c	3215	hcpaeeeddfgggfbobxxsj
$M7_{3096}$	6.3545865572	0.1518739153	Z/2+Z/2+Z	D2	1.06	c	3208	hapadcecdfgggkjoshhgb
$M7_{3097}$	6.3545865572	0.2231260847	Z/2+Z/2+Z	D2	1.06	c	3216	hdpaacfggefgfnaxxkqxh
$M7_{3098}$	6.3545865572	0.0268739153	Z/2+Z/2+Z	D2	1.06	c	3217	hdpaacfggefgfnxhakxqx
$M7_{3099}$	6.3545865572	0.1518739153	Z+Z	D2	1.04	c	3209	hapafcdcefgggkfooaabg
$M7_{3100}$	6.3545865572	0.0981260847	Z/8+Z	D2	1.04	c	3210	hapafcdcefgggkfooaarw
$M7_{3101}$	6.3545865572	0.0147927514	Z/2+Z	D2	0.79	c	3212	hbpabccfgfggfcvxhqhxq
$M7_{3102}$	6.3545865572	0.0147927514	Z/6+Z	D2	0.79	c	3213	hbpabccfgfggffoxhxqax
$M7_{3103}$	6.3545865572	0.0981260847	Z/8+Z	D2	0.72	c	3207	hapadcecdfgfgkjoshhbb
$M7_{3104}$	6.3545865572	0.0981260847	Z/4+Z	Z/2	0.61	c	3219	hpdaabceegfggaaforrfw
$M7_{3105}$	6.3545865572	0.1518739153	Z/4+Z	Z/2	0.61	c	3221	hpdaabceggffgaaforwrf
$M7_{3106}$	6.3545865572	0.1518739153	Z/6+Z	Z/2	0.61	c	3226	hpdaabcgfggffaafcnvof
$M7_{3107}$	6.3545865572	0.1518739153	Z/12+Z	Z/2	0.61	c	3228	hpdaabcgfggffaancrvwr
$M7_{3108}$	6.3551823731	0.1398690252	Z	Z/2	0.52	c	3229	hkhacccdeffggenvxjbkf
$M7_{3109}$	6.3583505284	0.1168448502	Z	Z/2	0.24	c	3230	hpkaaabgfeefgfhhxhkgn
$M7_{3110}$	6.3604199550	0.1832044128	Z/2+Z	Z/2	0.44	c	3231	hbhafcddeffggqgjxqbxg
$M7_{3111}$	6.3619945618	0.0110963648	Z	Z/2	0.38	c	3232	hdhabdcegfegghnhuuowk
$M7_{3112}$	6.3623824492	0.0972535139	Z	Z/2	0.32	c	3233	hdlaeadfedgfgfahabqfg
$M7_{3113}$	6.3629745980	0.2203952950	Z	Z/2	0.57	c	3234	hdnaebddfefggafwddkaf
$M7_{3114}$	6.3638401935	0.2460177795	Z	Z/2	0.17	c	3235	hpkaaabgfeefgfhhqxgbf
$M7_{3115}$	6.3643937897	0.0354253708	Z	Z/2	0.21	c	3236	hpkaaabgfeefgfhhxhkon
$M7_{3116}$	6.3648583072	0.2136327019	Z	Z/2	0.38	c	3237	hdlaeadfedgfgfaxakanf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{3117}$	6.3676414208	0.0285203201	Z/3+Z	trivial	0.76	c	3238	hfpaacdfefgfgrodkdxuf
$M7_{3118}$	6.3714997431	0.2036856204	Z/23+Z	Z/2	0.31	c	3239	hdlaeadfedgfgfahabafk
$M7_{3119}$	6.3749837715	0.1138300581	Z	Z/2	0.60	c	3240	hbpacefcfgeggvmghenuw
$M7_{3120}$	6.3752051772	0.1037128067	Z	Z/2	0.24	c	3241	hdlaeadfedgfgfhhagafk
$M7_{3121}$	6.3757063500	0.0486653882	Z	Z/2	0.36	c	3242	hcoadacdegfggfkaheekn
$M7_{3122}$	6.3771425502	0.0214131378	Z/4+Z	D2	0.95	c	3244	hcpacccffggfggbxxqaxh
$M7_{3123}$	6.3771425502	0.1880798044	Z/3+Z	Z/2	0.95	c	3245	hdhaedfefegggauxhqarb
$M7_{3124}$	6.3771425502	0.0214131378	Z/20+Z	D2	0.75	c	3246	hffafbcdefgggaaqqhqbw
$M7_{3125}$	6.3771425502	0.2285868622	Z/24+Z	D2	0.75	c	3247	hffafbcdefgggaaqqhqrg
$M7_{3126}$	6.3771425502	0.2285868622	Z/8+Z	D2	0.69	c	3243	hcpabbcffgfggggxxqxha
$M7_{3127}$	6.3771425502	0.2285868622	Z/3+Z	Z/2	0.56	c	3248	hnlaaacgffgfgknvcvfco
$M7_{3128}$	6.3783300098	0.1733476808	Z	Z/2	0.42	c	3249	hdpaafedgdgfgesndbtpf
$M7_{3129}$	6.3801801780	0.2451955192	Z	Z/2	0.24	c	3250	hdlaeadfedgfgkhhagafk
$M7_{3130}$	6.3814469695	0.1115904061	Z	Z/2	0.34	c	3251	hcpabdefdfeggcnpbufcg
$M7_{3131}$	6.3816677739	0.0566745677	Z	Z/2	0.68	c	3252	hbnadbeddfgggaafwsjkr
$M7_{3132}$	6.3820679243	0.0672241072	Z	Z/2	0.20	c	3253	hpkaaabgfeefgfhqqxgnk
$M7_{3133}$	6.3829145465	0.2202876099	Z	Z/2	0.23	c	3254	hpkaaabgfeefgfhqqxonk
$M7_{3134}$	6.3841563277	0.1240796907	Z/4+Z	Z/2	0.37	c	3255	hdlacadfegefgfxhxhffo
$M7_{3135}$	6.3850811498	0.0802279803	Z	Z/2	0.34	c	3256	hdlaeadfedgfgkhhaoaff
$M7_{3136}$	6.3862684369	0.0089900440	Z	Z/2	0.67	c	3257	hjhabdcdefgggafwhwkng
$M7_{3137}$	6.3869662150	0.0882807238	Z	D2	0.69	c	3258	holaabcggeffgpnemxcrr
$M7_{3138}$	6.3881085844	0.1295795121	Z/2+Z	Z/2	0.62	c	3259	hepaicceeffggnjnvlaro
$M7_{3139}$	6.3887077816	0.1963572708	Z	Z/2	0.80	c	3260	hdnaebddfegggafwddqha
$M7_{3140}$	6.3905069500	0.1848648045	Z/5+Z	D2	0.57	c	3261	hpdaabceefgggaafwsjfw
$M7_{3141}$	6.3905069500	0.0651351955	Z/15+Z	D2	0.57	c	3262	hpdaabcefegggaawcnvwn
$M7_{3142}$	6.3910878069	0.1678160294	Z/2+Z	Z/2	0.29	c	3263	hcoadacdefgggfkahahkg
$M7_{3143}$	6.3915610138	0.0051063771	Z/2+Z	Z/2	0.74	c	3264	hflabbddefgfgqbnewbfk
$M7_{3144}$	6.3921424945	0.2057383280	Z/4+Z	Z/2	0.36	c	3265	hdlaeadfedgfgfaxabqno
$M7_{3145}$	6.3922111974	0.0535687614	Z/5+Z	D2	0.74	c	3266	hbhadbcedfgfglfmcookn
$M7_{3146}$	6.3922451912	0.1928731316	Z/2+Z	Z/2	0.34	c	3267	hdhaeccdfegfgankaaanb
$M7_{3147}$	6.3923735068	0.1222924539	Z	Z/2	0.65	c	3268	hcpabbcffgfggfgxxqxha
$M7_{3148}$	6.3939543783	0.1856380683	Z/25+Z	Z/2	0.40	c	3269	hdlaeadfedgfgkahakagf
$M7_{3149}$	6.3957536972	0.1921622451	Z	Z/2	0.39	c	3270	hdlaeadfedgfgfahakaff
$M7_{3150}$	6.3963221355	0.0675179927	Z/5+Z	Z/2	0.37	c	3271	hdlaeadfedgfgkhhaoagf
$M7_{3151}$	6.3964841553	0.0541231614	Z/4+Z	Z/2	0.36	c	3272	hkoaeacdfegggfkannaie
$M7_{3152}$	6.3964841553	0.1958768386	Z/16+Z	Z/2	0.36	c	3273	hkoaeacdfegggfkannatp
$M7_{3153}$	6.3967982706	0.1639755384	Z	Z/2	0.71	c	3274	hhdaccbeffgggqqhwnieh
$M7_{3154}$	6.3983931128	0.2308460518	Z	Z/2	0.68	c	3275	hbhadbcedfgfglfmcfjok
$M7_{3155}$	6.3989007288	0.1838188856	Z	Z/2	0.60	c	3276	hhlaacdfeefggivdptfsk
$M7_{3156}$	6.4008762504	0.0389891744	Z	Z/2	0.60	c	3277	hbpacefcfgeggvmohenuw
$M7_{3157}$	6.4011586922	0.2063667873	Z	Z/2	0.40	c	3278	hdhabdcefgegghraxhkko

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$M7_{3158}$	6.4023212902	0.2243279582	Z	Z/2	0.37	c	3279	hdlaeadfedgfgfhhaoagf
$M7_{3159}$	6.4036031873	0.1080566410	Z/5+Z	Z/2	0.46	c	3280	hghaeccefefggmohhpjck
$M7_{3160}$	6.4041739531	0.2334627877	Z	Z/2	0.22	c	3281	hpkaaabgfeefgfhhxhkgf
$M7_{3161}$	6.4046895459	0.0574519532	Z/5+Z	Z/2	0.35	c	3282	hdlacadfegefgfhhxhffk
$M7_{3162}$	6.4052325383	0.1779111667	Z	Z/2	0.73	c	3283	hdnaebddfefggafwddgaf
$M7_{3163}$	6.4082086512	0.1152973303	Z	Z/2	0.53	c	3284	hflacbcffgfggioqmhwjs
$M7_{3164}$	6.4098169902	0.1619496174	Z	Z/2	0.40	c	3285	hjpaaceggffegcnqiatfw
$M7_{3165}$	6.4116873693	0.1435985851	Z/2+Z	Z/2	0.31	c	3286	hdlaeadfedgfgkaxabqno
$M7_{3166}$	6.4126772099	0.1303679218	Z	Z/2	0.36	c	3287	hdlacadfegefgfxhxhngo
$M7_{3167}$	6.4141645235	0.0343696576	Z/3+Z	Z/2	0.68	c	3288	hjhaeccefefggqgalhbgg
$M7_{3168}$	6.4168625036	0.2276271471	Z	Z/2	0.42	c	3289	hjpaadcfdggfgoruouhiw
$M7_{3169}$	6.4205177579	0.1106303603	Z	Z/2	0.35	c	3290	hpkaaabgfeefgfhxxqbog
$M7_{3170}$	6.4219439486	0.2188816177	Z	Z/2	0.36	c	3291	hpkaaabgfeefgfhxhxgff
$M7_{3171}$	6.4224265023	0.1603416326	Z/2+Z/2+Z	Z/2	0.41	c	3293	hhdabbceeffggqqhkncan
$M7_{3172}$	6.4239120621	0.1809952142	Z	Z/2	0.61	c	3295	hipabdeeffgfgjbftdhxn
$M7_{3173}$	6.4277184431	0.1993695293	Z	Z/2	0.28	c	3296	hdlaeadfedgfgkahabagk
$M7_{3174}$	6.4279509219	0.1041596901	Z/2+Z	Z/2	0.40	c	3297	hhdabbceeffggqqhkncxf
$M7_{3175}$	6.4281869459	0.1700956898	Z/2+Z	Z/2	0.32	c	3298	hdlaiadfeeeggfahankhk
$M7_{3176}$	6.4295164330	0.1594038765	Z	Z/2	0.47	c	3299	hdhabddfeefggtjqpmrjg
$M7_{3177}$	6.4302282846	0.1062006619	Z/5+Z	Z/2	0.32	c	3300	hdhaiddedfeggakakabqo
$M7_{3178}$	6.4302681619	0.0805068450	Z	Z/2	0.37	c	3301	hdlaeadfedgfgkahakqgo
$M7_{3179}$	6.4303904397	0.0969321655	Z	Z/2	0.34	c	3302	hdhabdcegfegghnauukwk
$M7_{3180}$	6.4318581752	0.1308004096	Z	Z/2	0.20	c	3303	hpkaaabgfeefgfhqqxonb
$M7_{3181}$	6.4348807758	0.2459399265	Z/3+Z	D2	0.67	c	3305	hdnabbddgffggafwhbskv
$M7_{3182}$	6.4348807758	0.0040600735	Z/3+Z	D2	0.33	c	3304	hcpabdefdfeggcnpbufnn
$M7_{3183}$	6.4353200863	0.0736215217	Z/2+Z	Z/2	0.34	c	3306	hdlaeadfedgfgfhhaoaff
$M7_{3184}$	6.4379011068	0.0496354809	Z	Z/2	0.34	c	3307	hpjaabafgeefgafqqxbgf
$M7_{3185}$	6.4395400137	0.0082731066	Z	Z/2	0.85	c	3308	hcpabdfeggefgnufaagtf
$M7_{3186}$	6.4415397771	0.0995672904	Z	Z/2	0.28	c	3309	hdlaeadfedgfgkahakqfg
$M7_{3187}$	6.4435373809	0.1205558690	Z	D2	0.84	c	3310	hbpabddfefgggvcxcxqlv
$M7_{3188}$	6.4438223882	0.1176130525	Z	Z/2	0.19	c	3311	hpkaaabgfeefgfhhxhkof
$M7_{3189}$	6.4448209028	0.2377997338	Z/2+Z	Z/2	0.33	c	3312	hpkaaabgfeefgfhxxqkog
$M7_{3190}$	6.4453762630	0.1570264762	Z/26+Z	Z/2	0.42	c	3313	hdlaeadfedgfgfahakagf
$M7_{3191}$	6.4471043217	0.2421290454	Z	Z/2	0.62	c	3314	hfnacbeddgfggaaonsjfr
$M7_{3192}$	6.4477441291	0.1755409064	Z/2+Z/2+Z	Z/2	0.32	c	3315	hdlaiadfeffggfhhafoaf
$M7_{3193}$	6.4486589142	0.1017211006	Z	Z/2	0.20	c	3316	hpkaaabgfeefgfhhqhfnf
$M7_{3194}$	6.4488589095	0.0737142782	Z/2+Z	Z/2	0.42	c	3317	hdlaeadfedgfgfahakqgo
$M7_{3195}$	6.4506669331	0.2284667695	Z/2+Z	Z/2	1.09	c	3318	hbpabeffdfgggvqxchhah
$M7_{3196}$	6.4513705604	0.1158007294	Z	Z/2	1.11	c	3320	hdpaacfgegfgfoxafdmdl
$M7_{3197}$	6.4524425674	0.0223424441	Z	Z/2	0.39	c	3321	hdhabbedgfffgqxbxqsgf
$M7_{3198}$	6.4534924353	0.0947219596	Z	Z/2	0.26	c	3322	hdlaeadfedgfgkahabqgg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{3199}$	6.4557591409	0.0007812622	Z/2+Z	Z/2	0.20	c	3323	hpkaaabgfeefgfhqqhkbb
$M7_{3200}$	6.4567861731	0.1374025243	Z/2+Z	Z/2	0.68	c	3324	hdlacadfegggffxhxaqhf
$M7_{3201}$	6.4603462107	0.0355962176	Z	Z/2	0.41	c	3325	hdnabbdefgffgafhqabgk
$M7_{3202}$	6.4609495070	0.2041271904	Z	Z/2	0.26	c	3326	hdlaeadfedgfgkahakafk
$M7_{3203}$	6.4625514054	0.1980666927	Z/3+Z	Z/2	1.07	c	3327	hdhabbefegfggqxpeuqkb
$M7_{3204}$	6.4625514054	0.0314000260	Z/4+Z	Z/2	0.51	c	3328	hjhaedccfefggafrdmnxk
$M7_{3205}$	6.4625514054	0.1147333594	Z/3+Z	Z/2	0.48	c	3329	hooaaacffgggffkofvvcc
$M7_{3206}$	6.4637361911	0.2196917775	Z	Z/2	0.18	c	3330	hpkaaabgfeefgfhqqxgnb
$M7_{3207}$	6.4670779649	0.0302912613	Z/2+Z	Z/2	0.58	c	3331	hfpaacedfgffgckchaptg
$M7_{3208}$	6.4687279253	0.1510605576	Z/2+Z	Z/2	0.18	c	3332	hpkaaabgfeggffhhqhofn
$M7_{3209}$	6.4710002888	0.1835291621	Z/2+Z	Z/2	0.70	c	3333	hdlacbedegfggqlnphfgw
$M7_{3210}$	6.4715561963	0.2468351784	Z	Z/2	0.18	c	3334	hpkaaabgfeeggfhqqhkgb
$M7_{3211}$	6.4722675015	0.0118402988	Z	Z/2	0.62	c	3335	hlhaacddggffgqksawobn
$M7_{3212}$	6.4796113386	0.2302870393	Z/18+Z	Z/2	0.54	c	3337	hfhacbcefgfgglfditobv
$M7_{3213}$	6.4796113386	0.0197129607	Z/2+Z	Z/2	0.54	c	3338	hfhacbcefggfglfditwfv
$M7_{3214}$	6.4802018577	0.2220016930	Z	Z/2	0.52	c	3339	hbpabeedffgfgbfgmmqhn
$M7_{3215}$	6.4859711643	0.1751655093	Z	Z/2	0.68	c	3340	hbpabcffgfegggailpoem
$M7_{3216}$	6.4872766827	0.0165162946	Z/2+Z	Z/2	0.27	c	3341	hdlaeadfedgfgkhhaoqfg
$M7_{3217}$	6.4875626514	0.0472590762	Z/2+Z	Z/2	0.29	c	3342	hdhaeccdfegfgankaahng
$M7_{3218}$	6.4900925678	0.2031112836	Z	Z/2	0.30	c	3343	hdlaeadfedgfgkaxakqno
$M7_{3219}$	6.4915667813	0.1655630019	Z	Z/2	0.57	c	3344	hmlacccdfffggmfjlfvsf
$M7_{3220}$	6.4918540450	0.0435266830	Z	Z/2	0.61	c	3345	hdlacadfegeggfhhahnaq
$M7_{3221}$	6.4924754286	0.1512773539	Z/3+Z	D2	0.63	c	3346	hdlabbeeefgggqxlumakb
$M7_{3222}$	6.4944415277	0.1386082214	Z	Z/2	0.72	c	3347	hddadbcdefgggqqhhiegv
$M7_{3223}$	6.4952407012	0.1460063049	Z	Z/2	0.39	c	3348	hdnabbdefgffgafhqhbgf
$M7_{3224}$	6.4988186395	0.2151127561	Z	Z/2	0.63	c	3349	hjhaidccfefggafohqwxf
$M7_{3225}$	6.5021989528	0.0120835335	Z	Z/2	0.63	c	3350	hdlacadfegggffxhxaqhg
$M7_{3226}$	6.5058160969	0.1351205478	Z/5+Z	D2	0.54	c	3351	hnnaabcggeffgmgtqesbf
$M7_{3227}$	6.5064627213	0.2010321143	Z/2+Z	Z/2	0.73	c	3352	hchafcddefgggqnkahhhx
$M7_{3228}$	6.5077210466	0.0565974035	Z	Z/2	0.99	c	3353	hlhaadcfeggfghnxipwnn
$M7_{3229}$	6.5137766335	0.1364647420	Z	Z/2	0.29	c	3354	hdlaeadfedgfgfhhaoqfg
$M7_{3230}$	6.5179867138	0.1451896664	Z	Z/2	0.31	c	3355	hdlaeadfedgfgfahabagk
$M7_{3231}$	6.5209276512	0.0983451714	Z	D2	0.65	c	3356	hnnaabcffegggmgqdebkb
$M7_{3232}$	6.5237172098	0.0778443016	Z	Z/2	0.24	c	3357	hdlaeadfedgfgkaxabank
$M7_{3233}$	6.5245718693	0.0267598143	Z	Z/2	0.68	c	3358	hpdaabceegfggaanwbbwn
$M7_{3234}$	6.5245870267	0.0652054689	Z	Z/2	0.34	c	3359	hgoabacefgfggfkdfebph
$M7_{3235}$	6.5247837289	0.0416666667	Z	Z/2	0.65	c	3361	hflacaceffgggknhwrluh
$M7_{3236}$	6.5250414096	0.1395272991	Z	Z/2	0.74	c	3362	hdhaccdfdfgggqkisjjgb
$M7_{3237}$	6.5262575989	0.1113193787	Z/2+Z	Z/2	0.26	c	3363	hdlaiadfeffggfhhafoqg
$M7_{3238}$	6.5265728034	0.2303557767	Z	Z/2	0.27	c	3364	hpkaaabgfeefgfhhxhfgn
$M7_{3239}$	6.5269698374	0.1060291625	Z	Z/2	0.62	c	3365	hcpabecdgefggfropweno

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{3240}$	6.5298441257	0.0875083947	Z	Z/2	0.24	c	3366	hpkaaabgfeefgfhhqqknf
$M7_{3241}$	6.5316142130	0.1715265895	Z/2+Z	Z/2	0.25	c	3367	hdhaiddedfeggakakabak
$M7_{3242}$	6.5376328256	0.2352619059	Z	Z/2	0.25	c	3368	hdlaiadfeeeggfahankqb
$M7_{3243}$	6.5378145069	0.2488776038	Z	Z/2	0.30	c	3369	hdlaeadfedgfgfahabqgg
$M7_{3244}$	6.5393847010	0.2126497441	Z	Z/2	0.28	c	3370	hpkaaabgfeefgfhqhhkfk
$M7_{3245}$	6.5406654679	0.2460043896	Z	Z/2	0.30	c	3371	hdlaeadfedgfgfahakqfg
$M7_{3246}$	6.5411937364	0.1955431566	Z	trivial	0.95	c	3372	hjhabdecgfgfgahbteosw
$M7_{3247}$	6.5466367024	0.2299720872	Z	Z/2	0.38	c	3373	hdhabddfeefggtjqpmrsn
$M7_{3248}$	6.5493748280	0.0031923690	Z/2+Z	Z/2	0.33	c	3374	hhdabbceeffggqqhkncab
$M7_{3249}$	6.5513531200	0.1947663672	Z	D2	0.48	c	3375	hnlaabcgegffgioupmwrv
$M7_{3250}$	6.5517432879	0.0246962538	Z/6+Z	D2	1.33	c	3377	hgpaadegfgfgfofxhxaxq
$M7_{3251}$	6.5517432879	0.0246962538	Z/2+Z	D2	0.76	c	3378	hhdacbceegfggqqhjajqh
$M7_{3252}$	6.5517432879	0.1913629205	Z/3+Z	Z/2	0.50	c	3381	hnlaaacfgegfgfnwgvfjc
$M7_{3253}$	6.5517432879	0.1913629205	Z/15+Z	Z/2	0.50	c	3382	hnlaaacfgegfgfnwnsfnw
$M7_{3254}$	6.5527552413	0.0865426997	Z/3+Z	Z/2	0.41	c	3386	hgpaacceggffgbbwepitw
$M7_{3255}$	6.5541243703	0.1108329153	Z/3+Z	D2	0.50	c	3387	hnlaaacfeggfgfnwbrfrb
$M7_{3256}$	6.5554663102	0.0254018474	Z	Z/2	0.22	c	3388	hpkaaabgfeefgfhqqxobb
$M7_{3257}$	6.5569345620	0.1260958036	Z	Z/2	0.25	c	3389	hpkaaabgfeefgfhqqxobk
$M7_{3258}$	6.5581816827	0.1732058143	Z/14+Z	Z/2	0.66	c	3390	hdnaebddfefggafwddgak
$M7_{3259}$	6.5585167300	0.1318956492	Z/2+Z	Z/2	0.26	c	3391	hpkaaabgfeefgfhqhhkfb
$M7_{3260}$	6.5592604058	0.1492800391	Z	Z/2	0.51	c	3392	hfpaaddgffeggfrapqnhn
$M7_{3261}$	6.5593358827	0.0306374361	Z/3+Z	Z/2	0.48	c	3394	hnnaabcgfffggmgthasor
$M7_{3262}$	6.5593358827	0.2193625639	Z/3+Z	Z/2	0.48	c	3395	hnnaabcggfffgmgtiasbr
$M7_{3263}$	6.5607391800	0.2442450148	Z	Z/2	0.51	c	3397	hflaebcffefggioqmhwsn
$M7_{3264}$	6.5609800107	0.1664502709	Z	trivial	0.95	c	3398	hdhaccdfegfggqkmplnws
$M7_{3265}$	6.5645176048	0.1430228810	Z/3+Z	Z/2	0.40	c	3399	hfpaadeggdffgosdlgmus
$M7_{3266}$	6.5653854373	0.1565442137	Z/3+Z	Z/2	0.54	c	3400	hnlaaacfefgggfnwnrgbk
$M7_{3267}$	6.5689565795	0.1080830864	Z	Z/2	0.26	c	3401	hpkaaabgfeefgfhhqqbnn
$M7_{3268}$	6.5701057912	0.2252141525	Z	Z/2	0.22	c	3402	hpkaaabgfeeggfhqqxogb
$M7_{3269}$	6.5702976124	0.1406723278	Z	Z/2	0.28	c	3403	hdlaeadfedgfgfahakafk
$M7_{3270}$	6.5714893618	0.0072164507	Z	Z/2	0.52	c	3404	hfhaebcffefggucqiawkk
$M7_{3271}$	6.5716382195	0.2406767663	Z	Z/2	0.25	c	3405	hpkaaabgfeefgfhhqqknn
$M7_{3272}$	6.5720418946	0.1613536252	Z	Z/2	0.23	c	3406	hpkaaabgfeffgfhhqqnkf
$M7_{3273}$	6.5728255068	0.2360675805	Z	Z/2	0.25	c	3407	hpkaaabgfeefgfhhqqbnf
$M7_{3274}$	6.5767946991	0.2292026038	Z	Z/2	0.62	c	3408	hflaebdfefggglgdphwsw
$M7_{3275}$	6.5773418116	0.1557024210	Z/7+Z	Z/2	0.66	c	3409	hflacbcffefggdsquiwoo
$M7_{3276}$	6.5776021662	0.1208164533	Z	Z/2	0.67	c	3410	hjhabbddefgfgpbcirgnb
$M7_{3277}$	6.5779428255	0.0322609213	Z/2+Z	D2	0.70	c	3412	hddadbcedgfggaaaaxxwr
$M7_{3278}$	6.5779428255	0.2177390787	Z/10+Z	D2	0.69	c	3411	hddadbcedfgfgaahhaabb
$M7_{3279}$	6.5792073160	0.0078671265	Z/2+Z	Z/2	0.23	c	3413	hpkaaabgfeffgfhhqqnkn
$M7_{3280}$	6.5792180269	0.1151484439	Z	Z/2	0.25	c	3414	hpkaaabgfeefgfhhxhfon

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{3281}$	6.5819338664	0.0250720830	Z	Z/2	0.60	c	3415	hjlabacdgffggknaafoqq
$M7_{3282}$	6.5839727559	0.2295553563	Z	Z/2	0.65	c	3416	hbhadbcedfgfglfmcojkk
$M7_{3283}$	6.5841838843	0.0227989277	Z/5+Z	Z/2	0.60	c	3417	hflabbddefgfgqbnewgfg
$M7_{3284}$	6.5861137097	0.2454555665	Z/4+Z	Z/2	0.46	c	3418	hdnaebddeffggafwtpsaf
$M7_{3285}$	6.5864726245	0.1859654732	Z/3+Z	Z/2	0.61	c	3420	hjhaidccfefggafohqwhg
$M7_{3286}$	6.5882152452	0.1238271334	Z	Z/2	0.56	c	3421	hdoabaedgfeggfhannofo
$M7_{3287}$	6.5899177257	0.2354875104	Z	Z/2	0.60	c	3422	hdlabadfdfgggfxhfbknr
$M7_{3288}$	6.5912206117	0.1826780268	Z	Z/2	0.56	c	3423	hgnabbdfgffggebhtiwwc
$M7_{3289}$	6.5953151349	0.0197715970	Z/2+Z/4+Z	Z/2	0.22	c	3424	hpkaaabgfeggffhhxhofo
$M7_{3290}$	6.5973535116	0.1061800701	Z/2+Z	Z/2	1.00	c	3425	hdhabbdfegfgghgxpmkro
$M7_{3291}$	6.5989515394	0.1703014668	Z/18+Z	D2	0.73	c	3427	hchaddccefggghknxssfb
$M7_{3292}$	6.5989515394	0.1703014668	Z/2+Z	Z/2	0.67	c	3428	hdhabdcfgefggtodttcrv
$M7_{3293}$	6.6003393881	0.2187756781	Z	Z/2	0.24	c	3430	hpkaaabgfeefgfhqqxgbk
$M7_{3294}$	6.6004352571	0.2250855593	Z/3+Z	D2	0.44	c	3431	hnlaaacfeggfgfnwoofof
$M7_{3295}$	6.6021351732	0.1450091799	Z	Z/2	0.26	c	3432	hdlaeadfedgfgkahakagk
$M7_{3296}$	6.6025015415	0.2058249591	Z	Z/2	0.68	c	3433	hflabbddefgfgqbnebbbb
$M7_{3297}$	6.6049360356	0.2042058121	Z	Z/2	0.62	c	3434	hbhadbcedfgfglfmcookf
$M7_{3298}$	6.6050382061	0.0308406072	Z/2+Z	Z/2	0.55	c	3435	hdoabaeddgfggfhanoonk
$M7_{3299}$	6.6090386699	0.2299569209	Z/4+Z	Z/2	0.22	c	3436	hpkaaabgfeefgfhhxhfof
$M7_{3300}$	6.6103774385	0.1108752824	Z/2+Z	Z/2	0.55	c	3438	hdlacadfegggffahaahqf
$M7_{3301}$	6.6104668382	0.1949144187	Z	Z/2	0.66	c	3439	hdnaebddfefggafwddgqg
$M7_{3302}$	6.6115831204	0.2493309168	Z	Z/2	0.26	c	3440	hdlaeadfedgfgkahakqgg
$M7_{3303}$	6.6116348638	0.1247341545	Z/2+Z	Z/2	0.64	c	3441	hdpaafedfdgggmnnendlb
$M7_{3304}$	6.6135227317	0.1233598457	Z	Z/2	0.51	c	3442	hflaebcffefggioqmhwoo
$M7_{3305}$	6.6138526181	0.2324806075	Z	Z/2	0.92	c	3443	hjpaaefgdefggoudfwpew
$M7_{3306}$	6.6147613783	0.1293918984	Z/2+Z	Z/2	0.56	c	3444	hjpaaeddeffggbwnopuwk
$M7_{3307}$	6.6151555618	0.0177739726	Z/3+Z	Z/2	0.69	c	3445	hchaddccefggghonhsjvf
$M7_{3308}$	6.6228822768	0.1223839672	Z/2+Z	Z/2	0.20	c	3447	hpkaaabgfeeggfhqqxggb
$M7_{3309}$	6.6308925276	0.0617170446	Z	Z/2	0.57	c	3448	hjhaidccfefggafohqwxn
$M7_{3310}$	6.6324744930	0.1271226889	Z	Z/2	0.21	c	3449	hpkaaabgfeefgfhqqxgbb
$M7_{3311}$	6.6391004356	0.1312311104	Z	Z/2	0.56	c	3451	hflabbddefgfgqbnewgff
$M7_{3312}$	6.6400061524	0.0087654390	Z/2+Z	Z/2	0.70	c	3454	hhdabbceffgggqqhknhxx
$M7_{3313}$	6.6400061524	0.0504321056	Z/6+Z	D2	0.68	c	3452	hglabbcdffgggpnftowjn
$M7_{3314}$	6.6400061524	0.1995678944	Z/10+Z	D2	0.68	c	3453	hglacbcdffgggpnfiobok
$M7_{3315}$	6.6468560363	0.0103262691	Z	Z/2	0.57	c	3455	hflaeaceffgggfnxwrhqa
$M7_{3316}$	6.6478412818	0.1462218560	Z/14+Z	D2	0.64	c	3457	hchaddccegfggakoaoobg
$M7_{3317}$	6.6521258378	0.0754891278	Z/4+Z	Z/2	0.63	c	3458	hepabedffdgggsolhopeo
$M7_{3318}$	6.6543051577	0.0109456689	Z/2+Z	Z/2	0.29	c	3459	hdlaeadfedgfgfahakagk
$M7_{3319}$	6.6550221909	0.0943229388	Z/2+Z	Z/2	0.29	c	3460	hdlaeadfedgfgfahakqgg
$M7_{3320}$	6.6551540193	0.1718367063	Z	Z/2	0.86	c	3462	hcpabdcfefgggnopwduhr
$M7_{3321}$	6.6575741411	0.0689587658	Z/2+Z	Z/2	0.62	c	3463	hdhabbfdgeffgqtbqtsgb

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$M7_{3322}$	6.6706889276	0.2432333753	Z/2+Z	Z/2	0.51	c	3464	hjpaacfdggefgrubmqndw
$M7_{3323}$	6.6730961645	0.0781674148	Z/2+Z	Z/2	0.61	c	3465	hbhadbcedfgfglfmcojkb
$M7_{3324}$	6.6746526356	0.1052013575	Z	Z/2	0.56	c	3466	hdlacadfegeggfhhahbaq
$M7_{3325}$	6.6803503664	0.0767840425	Z/3+Z	Z/2	0.71	c	3467	hapadceddfgggfwvfhtwn
$M7_{3326}$	6.6820044018	0.0416666667	Z	D2	0.93	c	3469	hpdaabceefgggaanwsjnw
$M7_{3327}$	6.6820044018	0.2083333333	Z	D2	0.72	c	3470	hpdaabcfeegggaaronron
$M7_{3328}$	6.6836373300	0.0864355671	Z	Z/2	0.50	c	3471	hbpabeedeffggjgrbqmvn
$M7_{3329}$	6.6844733263	0.2498107421	Z/3+Z	Z/2	0.33	c	3472	hooaaaceffgggfkvfojsc
$M7_{3330}$	6.6938485076	0.0519055325	Z	Z/2	0.60	c	3473	hbnadbcedgffghflkofko
$M7_{3331}$	6.6975194857	0.2273554742	Z	Z/2	0.54	c	3474	hdoabaedgfeggfhanngfo
$M7_{3332}$	6.7054823374	0.0834791082	Z	Z/2	0.69	c	3477	hldabbcdgfgfgqqhhnlom
$M7_{3333}$	6.7054823374	0.1668124415	Z	Z/2	0.52	c	3476	hjlabacdgfgfgknhhflom
$M7_{3334}$	6.7129997630	0.2395805053	Z	Z/2	0.53	c	3478	hdlacadfegggffahaahqg
$M7_{3335}$	6.7148496056	0.1316007816	Z	Z/2	0.61	c	3479	hddadbcedfgfgaahhaabk
$M7_{3336}$	6.7215776968	0.1267786878	Z/4+Z	Z/2	0.58	c	3480	hjpaadcgdffggosqophpc
$M7_{3337}$	6.7220764454	0.1303226377	Z	Z/2	0.52	c	3481	hgoabaceffgggfkafohqx
$M7_{3338}$	6.7223856760	0.2297313612	Z	Z/2	0.61	c	3482	hcladbcdefgfgpnsekvkg
$M7_{3339}$	6.7232228996	0.0759388293	Z/3+Z	Z/2	0.44	c	3483	hnlaaacffgfggfnwrkkvc
$M7_{3340}$	6.7234176629	0.1433368141	Z	Z/2	0.61	c	3484	hbnadbcedgffghflkffkf
$M7_{3341}$	6.7262812937	0.1208720428	Z/3+Z	Z/2	0.86	c	3486	hpdaabcfefgggaaogfjrg
$M7_{3342}$	6.7262812937	0.2042053761	Z/3+Z	Z/2	0.47	c	3485	hnlaaaceffgggknnjsfok
$M7_{3343}$	6.7304300474	0.1975975092	Z	Z/2	0.35	c	3487	hkoabacdgffggfkhqfwmm
$M7_{3344}$	6.7514149773	0.2272354720	Z/3+Z	Z/2	0.74	c	3489	hbpaeddeefgggngrwtesg
$M7_{3345}$	6.7514149773	0.1060978613	Z/2+Z/2+Z	D2	0.74	c	3491	hcnadbcdefggglkwdnnnk
$M7_{3346}$	6.7514149773	0.1439021387	Z/8+Z	D2	0.74	c	3492	hcnafbcedfggglkubqhax
$M7_{3347}$	6.7514149773	0.1060978613	Z/16+Z	D2	0.74	c	3493	hcnafbcedfggglkubqhhq
$M7_{3348}$	6.7514149773	0.1060978613	Z/4+Z	Z/2	0.63	c	3494	hpdaabceggffgaajorwrs
$M7_{3349}$	6.7514149773	0.1060978613	Z/4+Z	Z/2	0.63	c	3495	hpdaabcfgggffaanwrnkr
$M7_{3350}$	6.7514149773	0.1439021387	Z/8+Z	D2	0.60	c	3490	hcnadbcdefgfglkwdnnkn
$M7_{3351}$	6.7557326594	0.0667543130	Z/3+Z	Z/2	0.62	c	3498	hbhafcedefgggqmkehnwo
$M7_{3352}$	6.7625099775	0.1221328445	Z/3+Z	Z/2	0.82	c	3499	hpdaabceffgggaajrsgbj
$M7_{3353}$	6.7655423348	0.1019995263	Z/5+Z	Z/2	0.56	c	3500	hgnabbddefgfghfkdfoff
$M7_{3354}$	6.7703917948	0.0900860700	Z	Z/2	0.33	c	3502	hgoacaceffgggfkhormla
$M7_{3355}$	6.7750561599	0.1161532263	Z/2+Z	Z/2	0.50	c	3503	hdoabaeddgfggfhaboonk
$M7_{3356}$	6.7811964890	0.1747775567	Z/2+Z	Z/2	0.48	c	3504	hdpaadfegeggfkhnxwitg
$M7_{3357}$	6.7837135198	0.2418046035	Z	D2	1.34	c	3505	hdpaagdgffefgljhttjxl
$M7_{3358}$	6.7919840420	0.2282466254	Z/4+Z	D2	0.71	c	3509	hddadbcedfgggaahhaakn
$M7_{3359}$	6.7919840420	0.2282466254	Z/28+Z	D2	0.71	c	3510	hfdafbcdefgggaahhqqcv
$M7_{3360}$	6.7919840420	0.0217533746	Z/24+Z	D2	0.71	c	3511	hfdafbcdefgggaahhqqnk
$M7_{3361}$	6.7919840420	0.0615799587	Z/3+Z	Z/2	0.71	c	3513	hpdaabcfgfgfgaaosfrsj
$M7_{3362}$	6.7919840420	0.0217533746	Z/8+Z	D2	0.58	c	3508	hddadbcedfgfgaahhaank

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7_{3363}$	6.7919840420	0.0217533746	Z/3+Z	Z/2	0.42	c	3512	hnlaaacgffggfknkcvfok
$M7_{3364}$	6.8013395879	0.1277561567	Z/3+Z	Z/2	0.84	c	3514	hdnabbdfgefggafutlbgv
$M7_{3365}$	6.8013395879	0.0444228234	Z/3+Z	Z/2	0.41	c	3515	hooaaacffegggfkofnjsk
$M7_{3366}$	6.8023225064	0.0232249518	Z/3+Z	D2	1.03	c	3517	hbpaeedfedgggbjasbakn
$M7_{3367}$	6.8023225064	0.2267750482	Z/3+Z	D2	0.83	c	3516	hbpaeddeefgggngvcaasg
$M7_{3368}$	6.8059825023	0.1030542788	Z	D2	0.83	c	3519	hbpabfdeeggfgmgkgaeug
$M7_{3369}$	6.8059825023	0.0636123879	Z	D2	0.70	c	3520	hbpaeddfefgggnglgpidg
$M7_{3370}$	6.8220936428	0.1181761309	Z	Z/2	0.46	c	3521	hflacaceffgggfnhwrluh
$M7_{3371}$	6.8225290065	0.1013280833	Z	trivial	0.96	c	3522	hdpaafgdgfegfaanddbei
$M7_{3372}$	6.8270801103	0.0312510696	Z	Z/2	0.52	c	3523	hkoabacdgffggfkxawouu
$M7_{3373}$	6.8429371215	0.0869376640	Z	Z/2	0.52	c	3524	hgoacaceffgggfkawodla
$M7_{3374}$	6.8513707166	0.1395198506	Z/2+Z	Z/2	0.55	c	3525	hflabbddefgfgqbnebbbk
$M7_{3375}$	6.8514353727	0.0156764468	Z/2+Z/2+Z	Z/2	0.43	c	3526	hdpaadfegeggfkhnxwito
$M7_{3376}$	6.8688599050	0.1002406953	Z/3+Z	D2	0.80	c	3528	hcpabccfeegggonhkohsj
$M7_{3377}$	6.8688599050	0.1497593047	Z	D2	0.80	c	3529	hcpaccdefegggoknhohsj
$M7_{3378}$	6.8848136837	0.0893393498	Z	Z/2	0.94	c	3531	hdhabbdegffgghglxlnck
$M7_{3379}$	6.8848136837	0.0060060165	Z	Z/2	0.41	c	3532	hgoaeaceffgggfkhofeih
$M7_{3380}$	6.8948761435	0.1840659479	Z/3+Z	Z/2	0.35	c	3533	hooaaacgffggffknfovcn
$M7_{3381}$	6.8965490269	0.0825427773	Z	Z/2	0.48	c	3534	hkoabacdgffggfkhqnwmm
$M7_{3382}$	6.8996870062	0.1046187616	Z	Z/2	0.51	c	3535	hbnadbcedgffghflkofkg
$M7_{3383}$	6.9091101321	0.0306391827	Z	Z/2	0.86	c	3536	hbpabecdgffggbbohuxtb
$M7_{3384}$	6.9097255476	0.0130457317	Z/2+Z	Z/2	0.51	c	3538	hbnadbcedgffghflkffkn
$M7_{3385}$	6.9174797937	0.2376936824	Z	Z/2	0.92	c	3539	hbnadbcedgfgghflkffnk
$M7_{3386}$	6.9180184564	0.2417868166	Z	Z/2	0.51	c	3540	hgnabbddefgfghfkdfofg
$M7_{3387}$	6.9226344391	0.0320428328	Z	Z/2	0.46	c	3541	hgoacaceffgggfkhonmla
$M7_{3388}$	6.9253060288	0.0858133662	Z/3+Z	Z/2	1.26	c	3543	hdpaacgdfegfgnmwekiln
$M7^2_1$	4.9327140585	0.2052626230	Z+Z	D2	0.25	c	1060	hfdadbcdegfggaaaaaavc
$M7^2_2$	4.9327140585	0.1219292897	Z+Z	D2	0.25	c	1061	hgfagbcbeegggaabbskjg
$M7^2_3$	5.0533214945	0.1886208688	Z+Z	D2	0.18	c	1178	hgfadbcbegfggaabbhhrc
$M7^2_4$	5.0533214945	0.1052875354	Z+Z	D2	0.18	c	1180	hofacbcbefgggaabnhhrc
$M7^2_5$	5.0990348432	0.1977284035	Z+Z	D2	0.15	c	1203	hgfafbcbeegggaabbksng
$M7^2_6$	5.0990348432	0.1143950702	Z+Z	D2	0.15	c	1204	hgfafbcbefgggaabbetnj
$M7^2_7$	5.1503497145	0.0699525742	Z+Z	D2	0.12	c	1252	hgjafabceegggbqqjksng
$M7^2_8$	5.1503497145	0.0133807591	Z+Z	D2	0.12	c	1253	hgjafabcefgggfhhgltog
$M7^2_9$	5.1621342201	0.0947539671	Z+Z	D2	0.11	c	1263	hgjafbacefggghkhfdufr
$M7^2_{10}$	5.1621342201	0.1780873004	Z+Z	D2	0.11	c	1264	hgjagbaceegggafawknor
$M7^2_{11}$	5.1799776154	0.1007787008	Z+Z	D2	0.10	c	1284	hofaebcbeegggaabngbsk
$M7^2_{12}$	5.1799776154	0.1841120342	Z+Z	D2	0.10	c	1285	hofaebcbefgggaabnmtjn
$M7^2_{13}$	5.1832543262	0.1492076565	Z+Z	D2	0.09	c	1288	hgkadabcefgggfaqgaajr
$M7^2_{14}$	5.1832543262	0.0658743232	Z+Z	D2	0.09	c	1289	hokacabcefgggfaqoaarj
$M7^2_{15}$	5.1848704109	0.1411782787	Z+Z	D2	0.09	c	1291	hgkagabceegggfaqvocfb

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7^2_{16}$	5.1848704109	0.0578449454	Z+Z	D2	0.09	c	1292	hokaeabcefgggfaqopugo
$M7^2_{17}$	5.1863777018	0.0047810677	Z+Z	D2	0.09	c	1293	hgjadabcefgggfhhgaajr
$M7^2_{18}$	5.1863777018	0.0785522656	Z+Z	D2	0.09	c	1294	hgjadabcegfggbqqbhhvr
$M7^2_{19}$	5.2103204239	0.0266740711	Z+Z	D2	0.08	c	1327	hgkagabceegggfhqsnkjg
$M7^2_{20}$	5.2103204239	0.1100074044	Z+Z	D2	0.08	c	1328	hokaeabcefgggfhqnmtbn
$M7^2_{21}$	5.2131670756	0.1563002922	Z+Z	D2	0.08	c	1335	hgkafabcefgggfaqgltog
$M7^2_{22}$	5.2131670756	0.0729669589	Z+Z	D2	0.08	c	1336	hgkagabceegggfaqgvcfb
$M7^2_{23}$	5.2188267495	0.0202975288	Z+Z	D2	0.07	c	1346	hgkadabcegfggfhqbhhrc
$M7^2_{24}$	5.2188267495	0.1036308621	Z+Z	D2	0.07	c	1347	hokacabcefgggfhqnhhrc
$M7^2_{25}$	5.2204509498	0.0092995698	Z+Z	D2	0.07	c	1350	hgjafabceegggfhhgfovb
$M7^2_{26}$	5.2204509498	0.0740337635	Z+Z	D2	0.07	c	1351	hgjafabcefgggfhhgltcg
$M7^2_{27}$	5.2309118800	0.0618738339	Z+Z	D2	0.07	c	1371	hokaeabceegggfaqobgvf
$M7^2_{28}$	5.2309118800	0.1452071673	Z+Z	D2	0.07	c	1372	hokaeabcefgggfaqopuco
$M7^2_{29}$	5.2355326080	0.0012208091	Z+Z	D2	0.06	c	1379	hgjafabceegggbqqbjsng
$M7^2_{30}$	5.2355326080	0.0845541424	Z+Z	D2	0.06	c	1380	hgjafabcefgggbqqbldsk
$M7^2_{31}$	5.2409836925	0.1525692422	Z+Z	D2	0.06	c	1390	hgkafabceegggfaqgfovb
$M7^2_{32}$	5.2409836925	0.0692359088	Z+Z	D2	0.06	c	1391	hgkafabcefgggfaqgltcg
$M7^2_{33}$	5.2483841962	0.0151722353	Z+Z	D2	0.05	c	1405	hgkafabcefgggfhqbetbj
$M7^2_{34}$	5.2483841962	0.0985055686	Z+Z	D2	0.05	c	1406	hgkagabceegggfhqbskjg
$M7^2_{35}$	5.2503653614	0.0812192199	Z+Z	D2	0.05	c	1410	hgjafabceeggggqqgfovb
$M7^2_{36}$	5.2503653614	0.0021141134	Z+Z	D2	0.05	c	1411	hgjafabcefgggbqqbldbk
$M7^2_{37}$	5.2520678052	0.1068664800	Z+Z	D2	0.05	c	1414	hokaeabceegggfhqngbsk
$M7^2_{38}$	5.2520678052	0.0235331467	Z+Z	D2	0.05	c	1415	hokaeabcefgggfhqnmtjn
$M7^2_{39}$	5.2655258547	0.0179242504	Z+Z	D2	0.04	c	1441	hgkafabceegggfhqbksng
$M7^2_{40}$	5.2655258547	0.1012575838	Z+Z	D2	0.04	c	1442	hgkafabcefgggfhqbetnj
$M7^2_{41}$	5.6163656395	0.0323683220	Z+Z	D2	0.47	c	2124	hnfaebcdfegggaaavvaax
$M7^2_{42}$	5.6572146236	0.2249254281	Z+Z	Z/2	0.43	c	2208	hnlaaacfgfggfknwcrfov
$M7^2_{43}$	5.7293813689	0.2368210167	Z+Z	D2	0.39	c	2355	hnfaebcdfegggaaaccaax
$M7^2_{44}$	5.7892559190	0.0404964261	Z+Z	Z/2	0.35	c	2444	hnfabbcdfgggfaaanlatn
$M7^2_{45}$	5.8183472317	0.0273485842	Z+Z	Z/2	0.33	c	2492	hhdaibcefffggqqawkoaf
$M7^2_{46}$	5.8430228579	0.0732292639	Z+Z	Z/2	0.45	c	2533	hpdaabcffggfgqqwrcnvo
$M7^2_{47}$	5.8430228579	0.0101040694	Z+Z	Z/2	0.34	c	2531	hnlaaacffggfgknwrcfvo
$M7^2_{48}$	5.8582538707	0.2250262744	Z+Z	D2	0.31	c	2549	hnjaibadfefggafbhhrag
$M7^2_{49}$	5.8794161915	0.2041666714	Z+Z	D2	0.31	c	2582	hlkaeabdeffggfanhhchk
$M7^2_{50}$	5.8876799557	0.2326312961	Z+Z	Z/2	0.30	c	2601	hjlabacdgfffgknaafkrf
$M7^2_{51}$	5.8912803611	0.1857786486	Z+Z	D2	0.41	c	2610	hknaibbdfefgghgkqqcqf
$M7^2_{52}$	5.8980616748	0.0342827267	Z+Z	D2	0.29	c	2617	hblajcededfggttnxngaf
$M7^2_{53}$	5.8991668538	0.2129779874	Z+Z	Z/2	0.29	c	2618	hhjaebafffgggafaqhbsk
$M7^2_{54}$	5.9167457352	0.1984386172	Z+Z	D2	0.98	c	2644	hjpaacdegefggrknmolwr
$M7^2_{55}$	5.9182640321	0.1958001671	Z+Z	Z/2	0.40	c	2646	hhdaebbdefgfgempwwhng
$M7^2_{56}$	5.9189133174	0.1405332578	Z+Z	D2	0.28	c	2648	hnkaeabdeffggfhgaarag

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$M7^2_{57}$	5.9228454717	0.0532369152	Z+Z	Z/2	0.28	c	2652	hnlaaacfgfggffnwcrfov
$M7^2_{58}$	5.9439267694	0.0170697000	Z+Z	D2	0.26	c	2684	hnfaibbdfeeggdixoskqk
$M7^2_{59}$	5.9782405659	0.0737862664	Z+Z	Z/2	0.85	c	2731	hbpabcdfegfggccxcaaac
$M7^2_{60}$	5.9782405659	0.1571195997	Z+Z	Z/2	0.24	c	2732	hnlaaacffggfgfnwrcfvo
$M7^2_{61}$	5.9916413310	0.0078158441	Z+Z	D2	0.23	c	2751	hdkafabdeffggfanmtnmo
$M7^2_{62}$	5.9938327735	0.0371908479	Z/2+Z+Z	D2	0.23	c	2753	hbpacceffggegrkxddibr
$M7^2_{63}$	5.9949980096	0.0676805462	Z+Z	D2	0.34	c	2755	hcoakacedefggfkqqchqo
$M7^2_{64}$	5.9976770218	0.0786116643	Z+Z	D2	0.35	c	2762	hjhaccdeegffgdodxqbon
$M7^2_{65}$	6.0058390441	0.0589832612	Z+Z	D2	0.22	c	2773	hfkafabdeffggfhgltglk
$M7^2_{66}$	6.0143599520	0.1456210174	Z+Z	Z/2	0.21	c	2779	hhkababdeegggfhfxoovb
$M7^2_{67}$	6.0171339759	0.2052300610	Z+Z	Z/2	0.22	c	2781	hhjabbadeeggghkfxgovb
$M7^2_{68}$	6.0230460200	0.0625000000	Z/2+Z+Z	D2	0.88	c	2788	hdlabadfgegfgfxhnkfgw
$M7^2_{69}$	6.0250823492	0.2108026094	Z+Z	D2	0.21	c	2792	hdkafabdeffggfanmtndf
$M7^2_{70}$	6.0362656295	0.0130699526	Z+Z	Z/2	0.21	c	2809	hhjacbadfgggfafgqbskg
$M7^2_{71}$	6.0377679274	0.0430282802	Z+Z	Z/2	0.20	c	2810	hhkacabdfgggffhbxgvfg
$M7^2_{72}$	6.0380206747	0.1376856786	Z+Z	Z/2	0.20	c	2811	hnkababdeegggfhgxocfb
$M7^2_{73}$	6.0446266570	0.0511786187	Z+Z	D2	0.20	c	2821	hnkaeabdeffggfhgaarhb
$M7^2_{74}$	6.0502114968	0.1867992044	Z+Z	Z/2	0.31	c	2830	hflaiacefffggfnxwkoab
$M7^2_{75}$	6.0570387515	0.0507303373	Z+Z	D2	0.32	c	2837	hlkaeabdeffggfanhhchb
$M7^2_{76}$	6.0614543957	0.1932382489	Z+Z	D2	0.31	c	2839	heoajacdeefggfkitraaf
$M7^2_{77}$	6.0684254573	0.1532691696	Z/2+Z+Z	D2	0.18	c	2847	hlkaeabdeffggfhoaajqf
$M7^2_{78}$	6.0761994468	0.0730967418	Z+Z	Z/2	0.30	c	2853	hknabbbdfgggfhgkawfnk
$M7^2_{79}$	6.0768949190	0.1602064542	Z/2+Z+Z	D2	0.18	c	2854	hdkafabdeffggfhopuopn
$M7^2_{80}$	6.0840459591	0.0555976326	Z+Z	Z/2	0.17	c	2860	hhkababdeegggfhfhfovb
$M7^2_{81}$	6.0850332072	0.1419735117	Z+Z	D2	0.17	c	2863	hfkafabdeffggfhgltgmn
$M7^2_{82}$	6.0939743171	0.1722887502	Z+Z	D2	0.29	c	2880	hlkaeabdeffggfanhhcqf
$M7^2_{83}$	6.0995836965	0.0367352650	Z+Z	Z/2	0.16	c	2890	hlkababdeegggfhoxgcfb
$M7^2_{84}$	6.1006693285	0.1651488415	Z+Z	Z/2	0.29	c	2892	hgpaaccggeffgbbxecxes
$M7^2_{85}$	6.1190927591	0.0407620246	Z/2+Z+Z	D2	0.15	c	2921	hdkafabdeffggfhopuoik
$M7^2_{86}$	6.1238707670	0.1566181151	Z+Z	Z/2	0.15	c	2924	hhkacabdfgggffhbqgvfb
$M7^2_{87}$	6.1381387891	0.2326789012	Z+Z	D4	0.77	c	2943	hbpabfddefggglcccipmb
$M7^2_{88}$	6.1381387891	0.0173210988	Z+Z	D2	0.77	c	2942	hbpabeddefgggvcccimbv
$M7^2_{89}$	6.1381387891	0.1006544321	Z+Z	Z/2	0.27	c	2945	hlnaabfdeefggexcmesgo
$M7^2_{90}$	6.1426459365	0.0135289342	Z+Z	D2	0.26	c	2952	hnkaeabdeffggfhgaaraf
$M7^2_{91}$	6.1523013628	0.0556171914	Z+Z	Z/2	0.25	c	2970	hhdaibbdefeggempwwfhg
$M7^2_{92}$	6.1727565239	0.0477903708	Z+Z	Z/2	0.24	c	2992	hgoaiacefffggfkhwfnqk
$M7^2_{93}$	6.1917916809	0.1170298537	Z+Z	D2	0.23	c	3018	hlkaeabdeffggfhoaajag
$M7^2_{94}$	6.1940482714	0.0187123589	Z+Z	Z/2	0.23	c	3021	hnkababdeegggfhgxgcfb
$M7^2_{95}$	6.2013929789	0.1054209424	Z+Z	D2	0.22	c	3029	hnkaeabdeffggfhgaarhn
$M7^2_{96}$	6.2051804596	0.1712855784	Z+Z	Z/2	0.22	c	3035	hhjacbadfgggfhkfhgocf
$M7^2_{97}$	6.2084565446	0.1665886691	Z+Z	D2	0.22	c	3037	hdkafabdeffggfanmtnmg

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7^2_{98}$	6.2101961843	0.0022042204	Z+Z	Z/2	0.22	c	3039	hooaaacffegggfkkfjfks
$M7^2_{99}$	6.2211534209	0.0519871517	Z+Z	D2	0.21	c	3048	hdkafabdeffggfanmtndk
$M7^2_{100}$	6.2234317195	0.0402878473	Z+Z	Z/2	0.68	c	3053	hllaacffdfgggetmkewko
$M7^2_{101}$	6.2301238425	0.0027462230	Z+Z	D2	0.20	c	3060	hlkaeabdeffggfhoaajqk
$M7^2_{102}$	6.2375231377	0.0990220059	Z+Z	D2	0.20	c	3073	hfkafabdeffggfhgltglf
$M7^2_{103}$	6.2426099018	0.0125021511	Z+Z	Z/2	0.20	c	3079	hflaiacefffggfnxwkoan
$M7^2_{104}$	6.2633782400	0.1202308183	Z+Z	Z/2	0.18	c	3099	hgoaiacefffggfkhwfnqb
$M7^2_{105}$	6.2666992973	0.2331680467	Z+Z	D2	0.76	c	3108	hdnaebffefggghxpethjs
$M7^2_{106}$	6.2678739851	0.0163316878	Z+Z	D2	0.18	c	3113	hfkafabdeffggfhgltgmb
$M7^2_{107}$	6.2693014995	0.1027600835	Z+Z	Z/2	0.18	c	3114	hgoaiacefffggfkawfnak
$M7^2_{108}$	6.2707558630	0.1144889549	Z+Z	Z/2	0.18	c	3115	hhkacabdfgggffhbxgvfo
$M7^2_{109}$	6.2903026840	0.0221790787	Z+Z	D2	0.86	c	3127	hbpabddfgfggfvcxaxaxx
$M7^2_{110}$	6.2947643374	0.0020853653	Z+Z	D2	0.16	c	3135	hdkafabdeffggfhopuopb
$M7^2_{111}$	6.2970196529	0.0756181991	Z+Z	Z/2	0.63	c	3140	hhlaaafegefggfhawkonf
$M7^2_{112}$	6.3040780746	0.0013596101	Z+Z	Z/2	0.16	c	3148	hhkacabdfgggffhbqgvfn
$M7^2_{113}$	6.3109399634	0.1174668197	Z+Z	D2	0.16	c	3159	hdkafabdeffggfhopuoif
$M7^2_{114}$	6.3149865886	0.1315439567	Z+Z	Z/2	0.64	c	3163	hbnafbedeegggaafhhnor
$M7^2_{115}$	6.3545865572	0.0147927514	Z+Z	D2	0.79	c	3211	hbpabccfgfggfcvxaxaxx
$M7^2_{116}$	6.3545865572	0.0981260847	Z/2+Z+Z	Z/2+Z/2+Z/2	0.61	c	3225	hpdaabcgffgfgaafcwvow
$M7^2_{117}$	6.3545865572	0.0981260847	Z/4+Z+Z	Z/2+Z/2+Z/2	0.61	c	3222	hpdaabcffgggfaajcrvsr
$M7^2_{118}$	6.3545865572	0.0981260847	Z/4+Z+Z	D4	0.61	c	3218	hpdaabceegfggaafkrrfk
$M7^2_{119}$	6.3545865572	0.1518739153	Z/2+Z+Z	D2	0.61	c	3220	hpdaabceggffgaafkrnrf
$M7^2_{120}$	6.3545865572	0.0981260847	Z+Z	Z/2	0.61	c	3223	hpdaabcffgggfaarcrvcr
$M7^2_{121}$	6.3545865572	0.0981260847	Z+Z	Z/2	0.61	c	3224	hpdaabcgffgfgaafcsvoc
$M7^2_{122}$	6.4224265023	0.1603416326	Z/2+Z+Z	D2	0.96	c	3292	hdhacdfeegfggeexluxbg
$M7^2_{123}$	6.4224265023	0.0353416326	Z/2+Z+Z	D2	0.96	c	3294	hjpaadfggeefgfmemwgmw
$M7^2_{124}$	6.4506669331	0.1048665639	Z+Z	D4	1.14	c	3319	hdhaecdfdfgggqkpbleml
$M7^2_{125}$	6.4752816754	0.1860729626	Z+Z	D2	0.67	c	3336	hllaacffdfgggetmbewko
$M7^2_{126}$	6.5246278649	0.2147710598	Z+Z	Z/2	0.62	c	3360	hhlaaafegggeffhawkong
$M7^2_{127}$	6.5517432879	0.0246962538	Z+Z	D2	1.21	c	3376	hgpaadegffgfgcvaxxaxx
$M7^2_{128}$	6.5517432879	0.0586370795	Z+Z	Z/2+Z/2+Z/2	0.50	c	3379	hnlaaacffegggfnwkvfkc
$M7^2_{129}$	6.5517432879	0.0586370795	Z/5+Z+Z	Z/2+Z/2+Z/2	0.50	c	3384	hnlaaacfgfgfgfnwnofnr
$M7^2_{130}$	6.5517432879	0.0586370795	Z+Z	Z/2	0.50	c	3380	hnlaaacffegggfnwrvfoc
$M7^2_{131}$	6.5517432879	0.0586370795	Z+Z	Z/2	0.50	c	3385	hnlaaacfgfgfgfnwnrfno
$M7^2_{132}$	6.5593358827	0.0306374361	Z+Z	D2	0.48	c	3393	hnnaabcgfffggmgtdaskr
$M7^2_{133}$	6.5593358827	0.2193625639	Z/3+Z+Z	D4	0.48	c	3396	hnnaabcggfffgmgtuasnr
$M7^2_{134}$	6.5861137097	0.0787888998	Z+Z	Z/2	0.48	c	3419	hhlaaafegggeffhawkobg
$M7^2_{135}$	6.5989515394	0.1703014668	Z+Z	D2	0.73	c	3426	hapadcecdgfggksojxxwr
$M7^2_{136}$	6.5989515394	0.0796985332	Z+Z	D2	0.58	c	3429	hlnaabdfeefggesmxmcgg
$M7^2_{137}$	6.6103717307	0.1674059435	Z+Z	D2	0.85	c	3437	hbpaedffddgggotxkctuf
$M7^2_{138}$	6.6225925400	0.0610860877	Z+Z	Z/2	0.56	c	3446	hhlaaafegggeffhawkobf

Name	Volume	Cherns-Simons	Homology	Symmetry	SG	C	OC	Dehydrated
$M7^2_{139}$	6.6374435631	0.1910272954	Z+Z	D2	0.80	c	3450	hjpaacdeefgggfknfmlwn
$M7^2_{140}$	6.6478412818	0.1462218560	Z+Z	D2	0.64	c	3456	hapadcecdgfggkoofxxwr
$M7^2_{141}$	6.6551540193	0.2448299603	Z+Z	D6	0.65	c	3461	hbpaebcffdgggfghantuk
$M7^2_{142}$	6.6820044018	0.0416666667	Z+Z	D2	0.54	c	3468	hnlaaacffegggknnfvfwc
$M7^2_{143}$	6.7013136285	0.2370398932	Z+Z	D2	0.63	c	3475	hdlabadfdgggffhhgfkrg
$M7^2_{144}$	6.7471768988	0.0848379158	Z+Z	Z/2	0.60	c	3488	hdlabadfdgggffhhgfkrf
$M7^2_{145}$	6.7530394215	0.0637410670	Z+Z	D2	0.60	c	3496	hbpabbcfggfegkghdihfo
$M7^2_{146}$	6.7551948165	0.0484596967	Z+Z	D2	0.77	c	3497	hgpaacefggefggflxeces
$M7^2_{147}$	6.7663957873	0.1984930492	Z+Z	D2	0.49	c	3501	hooaaaceffgggfkcfrfkv
$M7^2_{148}$	6.7837135198	0.0915287299	Z+Z	Z/2	0.99	c	3507	hhhaabfefegggppqlptwj
$M7^2_{149}$	6.7837135198	0.1748620632	Z+Z	D2	0.47	c	3506	hhhaabfefefggppplppwf
$M7^2_{150}$	6.8023225064	0.2267750482	Z+Z	D2	0.44	c	3518	hnlaaacfgfgfgknfnnfnn
$M7^2_{151}$	6.8514353727	0.0156764468	Z/2+Z+Z	D2	0.71	c	3527	hgnacbdeffgggmweitcbn
$M7^2_{152}$	6.8688599050	0.1002406953	Z+Z	D2	0.54	c	3530	hdlabadfdgggffahbfkrf
$M7^2_{153}$	6.9093226649	0.2195668064	Z+Z	D2	0.52	c	3537	hhlaaafegggeffhxwkofg
$M7^2_{154}$	6.9245029819	0.0321756353	Z+Z	D2	0.63	c	3542	hepaeccffdgggbgxqntuc
$M7^2_{155}$	6.9278739781	0.0647501690	Z+Z	D2	0.37	c	3544	hooaaacffgfggfkkfkkkf
$M7^2_{156}$	6.9394776525	0.1833333333	Z/2+Z+Z	D2	0.63	c	3545	hcpaceefcggfgknakdixs
$M7^2_{157}$	6.9496229699	0.1355806266	Z+Z	D2	1.26	c	3546	hjpaacceggffgfofhmhlw
$M7^2_{158}$	6.9623595521	0.0680678126	Z+Z	Z/2	0.58	c	3547	hhlaaafegggeffhxwkoff
$M7^2_{159}$	6.9698428401	0.1250000000	Z+Z	Z/2	1.05	c	3548	hghacbcfeegggmghxmggw
$M7^2_{160}$	6.9741981154	0.0859048312	Z+Z	D2	0.57	c	3549	hpdaabbegfefgemwgwfnf
$M7^2_{161}$	7.0124657198	0.0537747439	Z+Z	D2	0.55	c	3550	hdlabadfdgggffahbfkrg
$M7^2_{162}$	7.1045912449	0.2083333333	Z/2+Z+Z	D6	0.54	c	3551	hbpabbcfggfegfkadihgo
$M7^3_1$	6.3545865572	0.1518739153	Z+Z+Z	D2	0.61	c	3227	hpdaabcgfggffaafcrvor
$M7^3_2$	6.5517432879	0.1913629205	Z+Z+Z	D2	0.50	c	3383	hnlaaacfgegfgfnwnvfnc

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_1$	3.3053006184	Z/7+Z	Z/2	0.22	0	hfdafbcdefgggaaaaaadu
$N7_2$	3.4654848321	Z/9+Z	Z/2	0.12	1	hjdafbcdcffggqqqgdkxp
$N7_3$	3.5217246748	Z/6+Z	Z/2	0.09	3	hkfajbcbdffggaabadkxt
$N7_4$	3.5217246748	Z/10+Z	Z/2	0.09	4	hkkadabcdfgggfaqqnggl
$N7_5$	3.5292818693	Z	Z/2	0.08	5	hkfadbcbdffgghhghkmad
$N7_6$	3.5306691903	Z/9+Z	Z/2	0.08	6	hgjadbacefggghkhfbxfe
$N7_7$	3.5403127825	Z/11+Z	Z/2	0.08	7	hbpaccefdgeggknxnqfld
$N7_8$	3.5487298547	Z/5+Z	Z/2	0.07	8	hkfadbcbdfgggaabakgaf
$N7_9$	3.5567102424	Z/9+Z	Z/2	0.07	10	hofacbcbegfggaabnratn
$N7_{10}$	3.5589147031	Z/11+Z	Z/2	0.07	11	hgkadabcegfggfaqgxkgi
$N7_{11}$	3.5840099673	Z/12+Z	Z/2	0.05	12	hgjadabcefgggbqqbxfig
$N7_{12}$	3.5913309025	Z/13+Z	Z/2	0.05	14	hgkadabcefgggfhqbfxbd
$N7_{13}$	3.5933595877	Z/9+Z	Z/2	0.04	15	hjdadbcdcfgggaaaknggl
$N7_{14}$	3.5978641466	Z/10+Z	Z/2	0.04	17	hkkajabcdffggfaqqbmxu
$N7_{15}$	3.6022096371	Z/11+Z	Z/2	0.04	19	hgkadabcegfggfaqgjqtg
$N7_{16}$	3.6039950821	Z/2+Z	Z/2	0.04	20	hjdadbcdcffggqqqgmkae
$N7_{17}$	3.6061338282	Z/4+Z	Z/2	0.04	21	hkjafbacdfgggafahgjcq
$N7_{18}$	3.6063508410	Z/12+Z	Z/2	0.04	22	hgjadabcefgggbqqbgqbx
$N7_{19}$	3.6076370645	Z/5+Z	Z/2	0.04	23	hkjadbacdffggafahodhl
$N7_{20}$	3.6112783717	Z/7+Z	Z/2	0.03	26	hjdadbcdcffggaaakniae
$N7_{21}$	3.6119247596	Z/11+Z	Z/2	0.03	27	hkkafabcdfgggfhqqgffd
$N7_{22}$	3.6158093708	Z/3+Z	Z/2	0.03	29	hkkadabcdfgggfaqqnoba
$N7_{23}$	3.6177640239	Z/13+Z	Z/2	0.03	31	hgkadabcefgggfhqbqcub
$N7_{24}$	3.6201215039	Z/7+Z	Z/2	0.03	33	hkkafabcdffggfaqqbiqi
$N7_{25}$	3.6239656312	Z/3+Z	Z/2	0.03	35	hkkadabcdfgggfhqqongh
$N7_{26}$	3.6245289561	Z/4+Z	Z/2	0.02	36	hkjadabcdffggbahqniae
$N7_{27}$	3.6269795901	Z/7+Z	Z/2	0.02	38	hkjadabcdffggfqahodhl
$N7_{28}$	3.6279935342	Z/8+Z	Z/2	0.02	40	hkkafabcdfgggfhqqgjcq
$N7_{29}$	3.6311220750	Z/5+Z	Z/2	0.02	42	hkjadabcdffggfhhqniae
$N7_{30}$	3.6323861587	Z/7+Z	Z/2	0.02	44	hkjadabcdffggbqqakmad
$N7_{31}$	3.6357785380	Z/5+Z	Z/2	0.02	51	hkkadabcdffggnaqhkmad
$N7_{32}$	3.6372654077	Z/8+Z	Z/2	0.02	52	hkkadabcdfgggfhqakgaf
$N7_{33}$	4.6409180159	Z	Z/2	0.27	64	hfdafbcdefgggaaaaafdv
$N7_{34}$	4.6415310037	Z/2+Z/6+Z	Z/2	0.27	65	hfdafbcdefgggaaaaaqhx
$N7_{35}$	4.6534765970	Z	Z/2	0.26	66	hfdafbcdefgggaaaaarec
$N7_{36}$	4.7033914068	Z	Z/2	0.41	67	hflacbefdgffgofofqfxk
$N7_{37}$	4.7168369893	Z/2+Z	Z/2	0.40	68	hfdadbcdefgggaaaajjbs
$N7_{38}$	4.7590131303	Z	Z/2	0.37	69	hbhakdcdedfggafhaqaab
$N7_{39}$	4.7661675603	Z	trivial	0.35	70	hofabbcbgfgfgaabkkkax
$N7_{40}$	4.7947046497	Z	Z/2	0.18	71	hbpaccefdgffgkhxnqmjg
$N7_{41}$	4.7991292441	Z/14+Z	Z/2	0.17	72	hgjadabcegfggfhhgxjbm

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{42}$	4.8006468179	Z	Z/2	0.17	73	hbhafbcedfgggukxnqvrl
$N7_{43}$	4.8406975044	Z	Z/2	0.15	74	hgjadbacefggghkhfbxji
$N7_{44}$	4.8434989130	Z	Z/2	0.15	75	hgjadbacefggghkhfjxaf
$N7_{45}$	4.8451393379	Z/10+Z	Z/2	0.14	76	hgjadbacefggghkhfcxlo
$N7_{46}$	4.8500947624	Z/2+Z	Z/2	0.14	77	hgfadbcbefgggaabbqfpg
$N7_{47}$	4.8500947624	Z/2+Z	Z/2	0.14	78	hkoaeacdfegggnkakkfsq
$N7_{48}$	4.8523297639	Z/4+Z	Z/2	0.14	79	hgfadbcbefgggaabbqcrm
$N7_{49}$	4.8523297639	Z/4+Z	Z/2	0.14	80	hokacabcegfggfaqoxkdj
$N7_{50}$	4.8540767862	Z/2+Z	Z/2	0.14	81	hgfadbcbefgggaabbqrba
$N7_{51}$	4.8540767862	Z/14+Z	Z/2	0.14	82	hlkacabdffgggfanxkaxn
$N7_{52}$	4.8680876429	Z	Z/2	0.31	83	hfnacbedfgfgghhkknjso
$N7_{53}$	4.8869256248	Z	Z/2	0.12	84	hkoaeacdfegggfkahkqkx
$N7_{54}$	4.8869377832	Z	Z/2	0.12	85	hofacbcbegfggaabnrace
$N7_{55}$	4.8888281648	Z/2+Z/4+Z	Z/2	0.12	86	hofacbcbegfggaabnfamk
$N7_{56}$	4.8890376414	Z	Z/2	0.12	87	hlkababdeffggfhoddrct
$N7_{57}$	4.8896138530	Z/2+Z/8+Z	Z/2	0.12	88	hlkacabdffgggfhoxfqao
$N7_{58}$	4.8897958983	Z	Z/2	0.12	89	hofacbcbegfggaabncanq
$N7_{59}$	4.8992291281	Z	Z/2	0.11	90	hhjabbadefggghkfhfacl
$N7_{60}$	4.8992402011	Z	Z/2	0.11	91	hhjabbadefggghkfhfuvt
$N7_{61}$	4.9013668257	Z/14+Z	Z/2	0.11	92	hhjabbadefggghkfhfoxh
$N7_{62}$	4.9370124950	Z/2+Z	Z/2	0.09	93	hgjadabcefgggbqqbxfre
$N7_{63}$	4.9376802135	Z/4+Z	Z/2	0.09	94	hnkababdegfggfhgqagiv
$N7_{64}$	4.9385575722	Z/14+Z	Z/2	0.09	95	hgjadabcefgggbqqbxclb
$N7_{65}$	4.9519901564	Z	Z/2	0.08	96	hgkadabcefgggfhqbfxrm
$N7_{66}$	4.9522033936	Z	Z/2	0.08	97	hlkababdegfggfhohoave
$N7_{67}$	4.9531391836	Z/2+Z/8+Z	Z/2	0.08	98	hlkababdegfggfhohfoqa
$N7_{68}$	4.9616343764	Z/2+Z/2+Z	Z/2	0.07	99	hgjadabcegfggfhhgkqmb
$N7_{69}$	4.9620026531	Z	Z/2	0.24	100	hpjaabagfegfgafbbaodi
$N7_{70}$	4.9620317467	Z	Z/2	0.07	101	hgjadabcegfggfhhgjqrp
$N7_{71}$	4.9626605386	Z	Z/2	0.07	102	hgjadabcegfggfhhgrqgh
$N7_{72}$	4.9653865007	Z/6+Z	Z/2	0.07	103	hokacabcegfggfaqokhpf
$N7_{73}$	4.9654530964	Z/4+Z	Z/2	0.07	104	hokacabcegfggfaqorhjl
$N7_{74}$	4.9662570877	Z/2+Z	Z/2	0.07	105	hokacabcegfggfaqojhoq
$N7_{75}$	4.9699982818	Z	Z/2	0.07	106	hgkadabcegfggfaqgjqrp
$N7_{76}$	4.9702138370	Z/2+Z/4+Z	Z/2	0.07	107	hgkadabcegfggfaqgkqmb
$N7_{77}$	4.9708010234	Z	Z/2	0.24	108	hpfaabceffgggaabcuvms
$N7_{78}$	4.9708581550	Z	Z/2	0.07	109	hgkadabcegfggfaqgrqgh
$N7_{79}$	4.9753821721	Z/2+Z	Z/2	0.06	110	hgjadabcefgggbqqbcqer
$N7_{80}$	4.9757957157	Z/10+Z	Z/2	0.06	111	hgjadabcefgggbqqbfqbl
$N7_{81}$	4.9761953314	Z/4+Z	Z/2	0.06	112	hgjadabcefgggbqqbrqag
$N7_{82}$	4.9785536877	Z/2+Z	Z/2	0.23	113	hfdadbcdegfggaaaaknbk

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{83}$	4.9875921293	Z	Z/2	0.22	114	hbpaccfedgffgknxnqokg
$N7_{84}$	4.9897829732	Z/6+Z	Z/2	0.05	115	hokacabcegfggfhqnfamk
$N7_{85}$	4.9898945030	Z	Z/2	0.05	116	hokacabcegfggfhqnrace
$N7_{86}$	4.9903384730	Z	Z/2	0.05	117	hokacabcegfggfhqncanq
$N7_{87}$	4.9915822696	Z/2+Z	trivial	0.21	118	hgjadbacefgggafadhxfe
$N7_{88}$	4.9960014616	Z	Z/2	0.05	119	hgkadabcefgggfhqbqcrm
$N7_{89}$	4.9961765961	Z/10+Z	Z/2	0.05	120	hgkadabcefgggfhqbqfpg
$N7_{90}$	4.9965032706	Z	Z/2	0.05	121	hgkadabcefgggfhqbqrba
$N7_{91}$	5.0026899372	Z	Z/2	0.21	122	hpjaabafeggfgafqnnllf
$N7_{92}$	5.0275547961	Z	Z/2	0.77	123	hbpaecefdffggkkxnnkab
$N7_{93}$	5.0375436160	Z/2+Z	trivial	0.18	124	hojababcfgfggbqqbxggx
$N7_{94}$	5.0396926161	Z	Z/2	0.19	125	hflacbefdgffgofofqfxb
$N7_{95}$	5.0544881311	Z/2+Z	Z/2	0.18	126	hlkababdefgggfhohttla
$N7_{96}$	5.0556175073	Z	trivial	0.17	127	hofabbcbegfggaabiqalf
$N7_{97}$	5.0571329983	Z	trivial	0.17	128	hdhaidcedefggkqxsinaf
$N7_{98}$	5.0727826990	Z	Z/2	0.17	129	hbhakdcdedfggafhaqaan
$N7_{99}$	5.0731574158	Z	Z/2	0.17	130	hfjafbadefgggafbbgbbq
$N7_{100}$	5.0812928159	Z	Z/2	0.16	131	hnkababdefgggfhgquuap
$N7_{101}$	5.0821856504	Z	Z/2	0.16	132	hnjacbadefgggafbqtteh
$N7_{102}$	5.0903020998	Z	Z/2	0.16	133	hdkafabdefgggfannnnka
$N7_{103}$	5.0929790614	Z/2+Z	trivial	0.15	134	hhjacbadfggfghkfrgbdf
$N7_{104}$	5.0961397785	Z	Z/2	0.15	135	hnkababdfgfggnabxeihl
$N7_{105}$	5.0968592816	Z	Z/2	0.15	136	hbpabdcfdgfggfoxfevhl
$N7_{106}$	5.1005147359	Z/2+Z	Z/2	0.15	137	hpkaaabgefgfgfhhvvrdi
$N7_{107}$	5.1026118298	Z	Z/2	0.15	138	hhjaebadfeggghkfbhklp
$N7_{108}$	5.1028476275	Z	Z/2	0.15	139	hbhakdcdedfggafhhqhhg
$N7_{109}$	5.1085171789	Z	Z/2	0.15	140	hgjadbacefgggafawhxqa
$N7_{110}$	5.1115915368	Z	Z/2	0.14	141	hpkaaabgeffggfhqvvmmj
$N7_{111}$	5.1129866167	Z	trivial	0.14	142	hlkababdegfggfhojqqct
$N7_{112}$	5.1170988487	Z	Z/2	0.14	143	hnjaebadefgggafbqkobo
$N7_{113}$	5.1234131822	Z	Z/2	0.14	144	hgkadabcegfggfaqvxqah
$N7_{114}$	5.1251428027	Z/2+Z	Z/2	0.13	147	hkoabacdegfggfkakbulx
$N7_{115}$	5.1286046514	Z/3+Z	Z/2	0.13	148	hbpabdcfdggfgfoxfuefh
$N7_{116}$	5.1332219704	Z/2+Z	Z/2	0.13	149	hdkafabdefgggfhoooofh
$N7_{117}$	5.1333777479	Z	trivial	0.13	150	hgjadabcegfggfhhlxqgi
$N7_{118}$	5.1403346374	Z	Z/2	0.13	151	hdkafabdefgggfannnnnx
$N7_{119}$	5.1416058658	Z	Z/2	0.12	152	hnjaebadefgggafbqggkb
$N7_{120}$	5.1494270863	Z/2+Z	Z/2	0.12	153	hofabbcbegfggaabgqaqa
$N7_{121}$	5.1590704215	Z/2+Z	Z/2	0.11	154	hgkadabcefgggfhqsqxha
$N7_{122}$	5.1600611994	Z	trivial	0.11	155	hlkacabdfgfggfhorgubo
$N7_{123}$	5.1616061688	Z	Z/2	0.11	156	hhjabbadegfgghkfhiiad

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{124}$	5.1676799581	Z/6+Z	Z/2	0.11	157	hlkacabdffgggfhoxepad
$N7_{125}$	5.1678228143	Z	Z/2	0.11	158	hokacabcegfggfaqvxhaq
$N7_{126}$	5.1698972330	Z	Z/2	0.11	159	hhjaebadfeggghkfohfhi
$N7_{127}$	5.1818018138	Z	Z/2	0.10	160	hfkafabdefgggfhgggggx
$N7_{128}$	5.1825031660	Z/4+Z	Z/2	0.24	161	hgfadbcbefgggaabbaalm
$N7_{129}$	5.1832970667	Z	trivial	0.09	162	hokababcegfggfaqdqhek
$N7_{130}$	5.1867310364	Z	trivial	0.09	163	hojababcegfggfhhdqhek
$N7_{131}$	5.1876353852	Z/2+Z	Z/2	0.09	164	hlkaeabdfegggfhobhkok
$N7_{132}$	5.1911240550	Z	Z/2	0.09	165	hnkababdefgggfhgquula
$N7_{133}$	5.1914599911	Z	Z/2	0.09	166	hnkaeabdfegggfhgfqngn
$N7_{134}$	5.1989092793	Z/2+Z	Z/2	0.09	167	hdkafabdefgggfhooooox
$N7_{135}$	5.2029390931	Z	Z/2	0.08	168	hgjadabcegfggfhhvxqah
$N7_{136}$	5.2111399317	Z/2+Z	Z/2	0.08	169	hlkababdefgggfhohttap
$N7_{137}$	5.2163582976	Z	Z/2	0.07	170	hnkaeabdfegggfhgbqbgf
$N7_{138}$	5.2179496697	Z/2+Z	Z/2	0.07	171	hokacabcegfggfhqsxahq
$N7_{139}$	5.2184712092	Z/2+Z	Z/2	0.07	172	hojababcegfggfhhfqhqh
$N7_{140}$	5.2189030936	Z/2+Z	trivial	0.07	173	hokababcegfggfhqiqalf
$N7_{141}$	5.2235443857	Z	Z/2	0.07	174	hokababcegfggfaqbqhqh
$N7_{142}$	5.2236556256	Z/2+Z	Z/2	0.07	175	hlkaeabdfegggfhofhfob
$N7_{143}$	5.2295232022	Z/2+Z	Z/2	0.07	176	hokababcegfggfaqfqhqh
$N7_{144}$	5.2360692976	Z	Z/2	0.06	177	hojababcegfggfhhbqhqh
$N7_{145}$	5.2386800034	Z/2+Z	Z/2	0.21	178	hgfadbcbefgggaabbxqah
$N7_{146}$	5.2478260083	Z	Z/2	0.05	179	hokababcegfggfhqgqaqa
$N7_{147}$	5.2558282377	Z	Z/2	0.05	180	hokababcegfggfhqkqaqa
$N7_{148}$	5.2746881231	Z	Z/2	0.19	183	hgjadbacefggghkhfaapi
$N7_{149}$	5.2806731113	Z/15+Z	Z/2	0.38	184	hfdafbcdefgggaaaaqqie
$N7_{150}$	5.2806731113	Z/15+Z	Z/2	0.38	185	hfdafbcdefgggaaaaqqlu
$N7_{151}$	5.3036409133	Z	Z/2	0.51	186	hdpaaegfdgfegkriebxkq
$N7_{152}$	5.3334895669	Z/2+Z	Z/2	0.61	189	hbpaccefdefggkkxnakkk
$N7_{153}$	5.3407169905	Z/5+Z	Z/2	0.51	190	hbhafbcdefggglfndqqgb
$N7_{154}$	5.3407169905	Z/5+Z	Z/2	0.51	191	hbhafbcdefggglfndqqrw
$N7_{155}$	5.3656704169	Z	Z/2	0.46	196	hdlaeceeffgfgmometquk
$N7_{156}$	5.3713269587	Z	Z/2	0.13	197	hgjadabcegfggfhhghhpe
$N7_{157}$	5.3783453667	Z/4+Z	Z/2	0.12	198	hokacabcegfggfaqoqqld
$N7_{158}$	5.3797617341	Z	Z/2	0.12	199	hgjadbacefggghkhfxhaq
$N7_{159}$	5.3918905391	Z	Z/2	0.12	202	hgkadabcegfggfaqghhpe
$N7_{160}$	5.4020187646	Z	Z/2	0.52	203	hdoabaedfgfggfhagwqaw
$N7_{161}$	5.4095960835	Z/2+Z	Z/2	0.10	206	hgjadabcefgggbqqbaape
$N7_{162}$	5.4119461997	Z	Z/2	0.10	207	hgjadabcegfggfhhgqxha
$N7_{163}$	5.4209789870	Z	Z/2	0.10	210	hokacabcegfggfhqnqqei
$N7_{164}$	5.4299954505	Z/15+Z	Z/2	0.28	213	hnkababdfgfggnabxdgmg

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{165}$	5.4299954505	Z/15+Z	Z/2	0.28	214	hnkababdfgfggnabxegig
$N7_{166}$	5.4307902041	Z/2+Z	Z/2	0.09	215	hokacabcegfggfaqohxqa
$N7_{167}$	5.4391921130	Z	Z/2	0.09	220	hgkadabcefgggfhqbaalm
$N7_{168}$	5.4485561930	Z	Z/2	0.41	223	hknabbbdefggghgkktfhu
$N7_{169}$	5.4490857883	Z	Z/2	0.08	224	hgkadabcegfggfaqgqxha
$N7_{170}$	5.4587184151	Z	Z/2	0.07	229	hokacabcegfggfhqnaxqh
$N7_{171}$	5.4657702710	Z/4+Z	Z/2	0.07	232	hgjadabcefgggbqqbqxha
$N7_{172}$	5.4739988859	Z/2+Z/8+Z	Z/2	0.55	233	hffafbcdefgggaaaqhhaq
$N7_{173}$	5.4832313353	Z	Z/2	0.06	236	hgkadabcefgggfhqbxqah
$N7_{174}$	5.4868868976	Z/12+Z	Z/2	0.24	237	hkoaeacdfegggnkaknacv
$N7_{175}$	5.4868868976	Z/12+Z	Z/2	0.24	238	hkoaeacdfegggnkaknank
$N7_{176}$	5.5047832485	Z	Z/2	0.47	242	hdoabaedfgfggfhaqhbww
$N7_{177}$	5.5175033936	Z/3+Z	Z/2	0.23	243	hnjacbadegfggafbqgget
$N7_{178}$	5.5175033936	Z/3+Z	Z/2	0.23	244	hnjacbadegfggafbqggld
$N7_{179}$	5.5486082545	Z	Z/2	0.36	246	hhjabbadffggghkffpqev
$N7_{180}$	5.5547756152	Z/15+Z	Z/2	0.20	247	hlkacabdffgggfhoxfmlf
$N7_{181}$	5.5547756152	Z/15+Z	Z/2	0.20	248	hlkacabdffgggfhoxfpef
$N7_{182}$	5.5557348913	Z	Z/2	0.53	249	hjhaidceffeggafoffsxk
$N7_{183}$	5.5619397938	Z/3+Z	trivial	0.54	250	hnfabbcdffggghhhilhtt
$N7_{184}$	5.5637688379	Z	Z/2	0.50	251	hhfabbceegfggnkikkslw
$N7_{185}$	5.5736091128	Z/2+Z/2+Z	Z/2	1.00	252	hbpabcdfgegfgkvxjmfle
$N7_{186}$	5.5736091128	Z/8+Z	Z/2	1.00	254	hbpacfdfegfggkfxcwmfg
$N7_{187}$	5.5736091128	Z/2+Z	D2	1.18	256	hdpaacfgeefggnxfqkqvu
$N7_{188}$	5.5736091128	Z/10+Z	D2	1.18	258	hdpaacfgeefggnxfqkxuk
$N7_{189}$	5.5736091128	Z/4+Z	Z/2	0.53	259	hnlaaacffegfgfnwehjnf
$N7_{190}$	5.5737489414	Z	Z/2	0.42	260	hbnajbedeefggaafnkaaf
$N7_{191}$	5.5743396944	Z/9+Z	Z/2	0.19	261	hhjabbadefggghkfhooie
$N7_{192}$	5.5743396944	Z/9+Z	Z/2	0.19	262	hhjabbadefggghkfhoolu
$N7_{193}$	5.5785626142	Z/12+Z	Z/2	0.47	263	hjlaeacdefgggfnxnkaoj
$N7_{194}$	5.5785626142	Z/12+Z	Z/2	0.47	264	hjlaeacdefgggfnxnkasf
$N7_{195}$	5.5917222299	Z/2+Z	Z/2	0.50	265	hblafacdefgggknhhhqpt
$N7_{196}$	5.5944817853	Z	Z/2	0.32	266	hcnadbbdefggghgkkftlp
$N7_{197}$	5.6026791708	Z/2+Z	trivial	0.52	267	hepabedegdfggtotaoxjo
$N7_{198}$	5.6032137746	Z/2+Z	Z/2	0.51	268	hbpaecdffefggfhxdfoab
$N7_{199}$	5.6142915065	Z	Z/2	0.49	269	hnfaibcdfefggaaahqbaf
$N7_{200}$	5.6260437110	Z/3+Z	trivial	0.63	270	hpfaabcffgggfaapcpvee
$N7_{201}$	5.6274096352	Z	Z/2	0.48	271	hdnaibdeeffggafasxoxb
$N7_{202}$	5.6278972595	Z	trivial	0.54	272	hndabbcdfgfggqqqdmonm
$N7_{203}$	5.6419549407	Z	Z/2	0.48	275	hflacaceeffggknammebn
$N7_{204}$	5.6469770120	Z	Z/2	0.28	276	hblajbddeefgglgekoxab
$N7_{205}$	5.6476794925	Z	trivial	0.50	277	hdhaicdfdffggqunixmab

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{206}$	5.6488114672	Z/5+Z	Z/2	0.31	278	hbpabdcedgfggooqguclh
$N7_{207}$	5.6488114672	Z/5+Z	Z/2	0.31	279	hjpaacfddggfgknnbcgrw
$N7_{208}$	5.6509403306	Z	Z/2	0.28	280	hbhajbcedefgglfndkqqn
$N7_{209}$	5.6512791366	Z	Z/2	0.28	281	hdpaaegfdgfegkriebxbq
$N7_{210}$	5.6549577268	Z/6+Z	Z/2	0.14	282	hnkababdegfggfhgqbbei
$N7_{211}$	5.6549577268	Z/6+Z	Z/2	0.14	283	hnkababdegfggfhgqbblu
$N7_{212}$	5.6600248049	Z	Z/2	0.27	284	hdlaicdefffggeqhmgehk
$N7_{213}$	5.6626877226	Z/2+Z	Z/2	0.37	285	hknaebbdefggghgkhhqkc
$N7_{214}$	5.6670945684	Z	Z/2	1.22	286	hdhaedeeffgggarxqaand
$N7_{215}$	5.6695094253	Z/9+Z	Z/2	0.13	287	hlkababdegfggfhohffei
$N7_{216}$	5.6695094253	Z/9+Z	Z/2	0.13	288	hlkababdegfggfhohfflu
$N7_{217}$	5.6697956855	Z	Z/2	0.78	289	hbhafcddefgggqnkxqbgx
$N7_{218}$	5.6808482976	Z	Z/2	0.26	290	hnkababdffgggfhggdlhc
$N7_{219}$	5.6921680660	Z	Z/2	0.25	291	hdlaeceeffgfgmometqub
$N7_{220}$	5.6951829509	Z	Z/2	0.25	294	hdlaeceeffgfgmomethuk
$N7_{221}$	5.6962156286	Z	Z/2	0.43	295	hnlaaacdfggfgkngbfinq
$N7_{222}$	5.7068486677	Z	Z/2	0.28	296	hcoadacdefgggfkaosuhe
$N7_{223}$	5.7068486677	Z	Z/2	0.28	297	hkoabacdffgggfkaddkwu
$N7_{224}$	5.7104913604	Z/8+Z	Z/2	0.25	298	hlkababdffgggfhooepqc
$N7_{225}$	5.7189038602	Z/2+Z	Z/2	0.94	299	hcpabcdffgeggavnxqkxn
$N7_{226}$	5.7238352084	Z/4+Z	Z/2	0.41	300	hflacaceegfggknamaerg
$N7_{227}$	5.7243880548	Z/2+Z	Z/2	0.95	301	hmpaaecfgegfgflogmkxx
$N7_{228}$	5.7251436570	Z/4+Z	Z/2	0.42	302	hnfaebcdfefggaaahqkak
$N7_{229}$	5.7258263672	Z	Z/2	0.23	303	hclajbcdeefggpntfoxqn
$N7_{230}$	5.7299289502	Z/2+Z	Z/2	0.26	304	hcoadacdefgggnkaosuhe
$N7_{231}$	5.7299289502	Z/2+Z	Z/2	0.26	305	hkoabacdffgggnkaddkwu
$N7_{232}$	5.7325613000	Z/4+Z	Z/2	0.40	306	hflacaceegfggknanakbw
$N7_{233}$	5.7325613000	Z/4+Z	Z/2	0.40	307	hflacaceegfggknanakrg
$N7_{234}$	5.7391471631	Z	Z/2	0.55	308	hcoafacdefgggfkhhqhmd
$N7_{235}$	5.7465327469	Z/2+Z	Z/2	0.22	311	hbhajbcedefgglfndkqqb
$N7_{236}$	5.7467262672	Z/2+Z	Z/2	0.32	312	hfnaibeedefggaannkaqo
$N7_{237}$	5.7498716357	Z/2+Z	Z/2	0.53	314	hjhaidceffeggafoffsxf
$N7_{238}$	5.7542596291	Z	Z/2	0.22	315	hhjaebaffegggafdqpbth
$N7_{239}$	5.7560316630	Z	trivial	0.41	316	hdlaicdfdffggqmmtqnhg
$N7_{240}$	5.7594197926	Z/2+Z/2+Z	Z/2	1.06	317	hdpaadedggffgglqgxgnu
$N7_{241}$	5.7666880811	Z	Z/2	0.39	320	hkoaeacdeffgggfkattibf
$N7_{242}$	5.7694624875	Z	Z/2	0.39	321	hboafacedfgggfnhaqqah
$N7_{243}$	5.7720493271	Z/2+Z	Z/2	0.29	322	hhjaebadfegggafkqahof
$N7_{244}$	5.7758565311	Z/2+Z	trivial	0.43	323	hndabbcdfgfggqqqieomg
$N7_{245}$	5.7813792911	Z/4+Z	Z/2	0.20	324	hlkababeefgggfhippucp
$N7_{246}$	5.7826602611	Z/2+Z/2+Z	Z/2	0.38	325	hkoaeacdefgggfkattawb

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{247}$	5.7841184067	Z	Z/2	0.51	326	hjhaidceffeggafoffsab
$N7_{248}$	5.7877527609	Z	Z/2	0.20	327	hdjadabdefgggbakkftlp
$N7_{249}$	5.7882551488	Z	Z/2	0.38	328	hooaaacefffggfkqfmkbg
$N7_{250}$	5.7897679142	Z/2+Z	Z/2	0.31	329	hlkaeabdfegggfanqqhnc
$N7_{251}$	5.7977124921	Z/9+Z	Z/2	0.47	331	hjlabacdggffgfnxbiaec
$N7_{252}$	5.7977673813	Z	trivial	0.70	332	hldacbceegggfqqcdetgt
$N7_{253}$	5.7993518906	Z/3+Z	trivial	0.88	333	hjlabcdeggffgknqbtwqh
$N7_{254}$	5.7997077829	Z/4+Z	Z/2	0.22	334	hcoadacdefgggnkanwuhm
$N7_{255}$	5.7997077829	Z/4+Z	Z/2	0.22	335	hkoabacdfggfgnkahkblp
$N7_{256}$	5.8044433408	Z/2+Z/4+Z	Z/2	0.35	337	hkoaeacdfegggfkannagr
$N7_{257}$	5.8044433408	Z/2+Z/4+Z	Z/2	0.35	338	hkoaeacdfegggfkannawb
$N7_{258}$	5.8127812541	Z	trivial	0.52	339	hfnacbefdgfggaafhblvv
$N7_{259}$	5.8148008485	Z	Z/2	0.18	340	hfkadabdegfggfhggouid
$N7_{260}$	5.8163778908	Z	Z/2	0.17	341	hhkababdffgggfhfvmxdo
$N7_{261}$	5.8172951577	Z/3+Z	Z/2	0.70	342	hdlaccfeffgggetxmeqdl
$N7_{262}$	5.8217267477	Z/2+Z/2+Z	Z/2	0.95	343	hdlacadfegeggfxhhhoof
$N7_{263}$	5.8239321088	Z/2+Z	trivial	0.39	344	hepabedegdfggefeafxjo
$N7_{264}$	5.8298259761	Z	Z/2	0.17	345	hhkababefegggnapdahun
$N7_{265}$	5.8324808200	Z	trivial	0.40	346	hepacdddfggfgngnobewp
$N7_{266}$	5.8356345884	Z/2+Z	trivial	0.66	347	hfnacbedfgfggbgghbrqb
$N7_{267}$	5.8372072285	Z/5+Z	Z/2	0.19	348	hkoabacdfggfgfkahkblp
$N7_{268}$	5.8372072285	Z/5+Z	Z/2	0.19	349	hkoabacdgffggfkanqdrp
$N7_{269}$	5.8377288488	Z/2+Z	Z/2	0.16	350	hhkababdffgggfhbvmxdo
$N7_{270}$	5.8415177005	Z	Z/2	0.26	351	hbnajbedeefggaafnkaqf
$N7_{271}$	5.8425475819	Z/4+Z	Z/2	0.34	352	hpkaaabgfeggffhxxhaqo
$N7_{272}$	5.8442108641	Z/2+Z	Z/2	0.34	353	hflaccceeffggdkxsaekk
$N7_{273}$	5.8514177560	Z/2+Z	Z/2	0.33	354	hflaebddeffgglgobopwf
$N7_{274}$	5.8550895875	Z/4+Z	Z/2	0.15	355	hhkaeabfefgggfhimqgua
$N7_{275}$	5.8601662449	Z/6+Z	trivial	0.65	356	hnfabbcdffggghhhilmtt
$N7_{276}$	5.8610608472	Z	Z/2	0.46	357	hnfaibcdfefggaaahqban
$N7_{277}$	5.8617803532	Z	Z/2	0.33	358	hflacaceeffggknammewn
$N7_{278}$	5.8626300379	Z/2+Z	Z/2	0.24	359	hbnajbedeefggaafnkaak
$N7_{279}$	5.8652573984	Z/2+Z	Z/2	0.14	360	hdkadabdegfggfhoogtem
$N7_{280}$	5.8653942862	Z/2+Z	Z/2	0.83	361	hdhabbffedggglpbxdrfj
$N7_{281}$	5.8675416590	Z/2+Z	Z/2	0.31	362	hkoaeacdefgggnkaeiabw
$N7_{282}$	5.8691986653	Z/2+Z	Z/2	0.99	363	hhhaacefgfeggmxhhpvaj
$N7_{283}$	5.8708510825	Z	Z/2	0.45	364	hnlaaacffegfgfnwehjng
$N7_{284}$	5.8759180827	Z/6+Z	Z/2	0.88	366	hdpaacfgeefggnxfqkwvk
$N7_{285}$	5.8763798417	Z/4+Z	Z/2	0.32	367	hflacccefefggdkxlkacg
$N7_{286}$	5.8801487206	Z	Z/2	0.31	368	hdpaaefdgdffghxnlnodo
$N7_{287}$	5.8825158947	Z	trivial	0.92	369	hbpabfcefgggfgaggvcxw

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{288}$	5.8838915741	Z/2+Z	trivial	0.83	370	hcpaceedffgggqnckxkxa
$N7_{289}$	5.8853127963	Z/2+Z	Z/2	0.23	371	hhjaebadfegggafgqahof
$N7_{290}$	5.8872978430	Z	Z/2	0.91	372	hcpabdedeffggcncaxnnf
$N7_{291}$	5.8874036402	Z/2+Z	Z/2	0.24	373	hnkaeabdfegggfhghhagr
$N7_{292}$	5.8913129320	Z	Z/2	0.44	375	hkoaeacdeffggfkattqbf
$N7_{293}$	5.8932341724	Z	Z/2	0.37	376	hknabbbdegfgghgkkwuhe
$N7_{294}$	5.8940960999	Z	Z/2	0.82	377	hdpaacfdfegggnxwkkrfd
$N7_{295}$	5.8952946956	Z/2+Z/2+Z	Z/2	0.30	378	hkoaeacdefgggfkaeiabw
$N7_{296}$	5.8965743338	Z	Z/2	0.43	379	hglabcceeffggmfenaacf
$N7_{297}$	5.9021820802	Z	trivial	0.34	380	hdhaicdfdffggqunixmhg
$N7_{298}$	5.9030122412	Z	trivial	0.34	381	hlkacabdfgfggfhpxgobp
$N7_{299}$	5.9040838296	Z/2+Z	Z/2	1.10	382	hcpabecdgfgfgaoapduen
$N7_{300}$	5.9073767505	Z/3+Z	trivial	0.46	385	hfpaafegfggefftwnfwds
$N7_{301}$	5.9139741740	Z/2+Z	Z/2	0.42	386	hflacaceeffggknammebb
$N7_{302}$	5.9181155355	Z	Z/2	0.67	387	hkhaedccefggghonxhfhf
$N7_{303}$	5.9247287276	Z/2+Z/2+Z	Z/2	0.22	388	hlkaeabdfegggfhoqqaoj
$N7_{304}$	5.9263520893	Z/2+Z	Z/2	0.41	389	hboafacedfgggfohaqqah
$N7_{305}$	5.9265817500	Z	Z/2	0.35	390	hcnadbbdegfgghgkkanlx
$N7_{306}$	5.9295408481	Z/2+Z	Z/2	0.22	391	hlkaeabdfegggfanaxakn
$N7_{307}$	5.9334848281	Z/6+Z	trivial	0.31	392	hflaibddeefggqunprwho
$N7_{308}$	5.9335446345	Z	Z/2	0.41	393	hcoafacdefgggfkxaaahq
$N7_{309}$	5.9358461873	Z/4+Z	trivial	1.05	394	hcpacdefefgggdknixisk
$N7_{310}$	5.9365317395	Z	Z/2	0.20	396	hnkaeabdfegggfhvxqqbg
$N7_{311}$	5.9426216444	Z/2+Z	trivial	0.34	397	hcoadacdegfggfkacxvkg
$N7_{312}$	5.9434780878	Z/2+Z/2+Z	Z/2	0.27	398	hflaeaceeffggknamqebb
$N7_{313}$	5.9469100426	Z	trivial	0.33	399	hfhabbcdefggguknowpgs
$N7_{314}$	5.9501650250	Z/3+Z	Z/2	0.83	400	hgoacadfefgfgdgdmrbak
$N7_{315}$	5.9513407612	Z	trivial	0.29	401	hflaibddeefggqunprwab
$N7_{316}$	5.9518106961	Z/2+Z	Z/2	0.26	402	hpjaabafgeffgafqqaqaf
$N7_{317}$	5.9543595146	Z	trivial	0.34	403	hcoadacdegfggnkacxvkg
$N7_{318}$	5.9557752059	Z	trivial	0.31	404	hlkababdegfggfhphomcv
$N7_{319}$	5.9570999138	Z	Z/2	0.63	405	hfhabbcfefgfglfcbwsmb
$N7_{320}$	5.9580959193	Z	Z/2	0.18	406	hhkaeabdfegggfhfqhank
$N7_{321}$	5.9595048121	Z/2+Z	Z/2	0.64	407	hdhabcdefgfggqkxaqhfx
$N7_{322}$	5.9596355110	Z/2+Z	Z/2	0.39	408	hflacaceeffggknamqebn
$N7_{323}$	5.9609333558	Z	trivial	0.31	409	hfhaicdefeeggofxjcvqf
$N7_{324}$	5.9649213889	Z/2+Z	Z/2	0.38	410	hnlaaacdfggfgknobfinq
$N7_{325}$	5.9660367947	Z	trivial	0.57	411	hglacccfeefggmfrcuxtg
$N7_{326}$	5.9663095042	Z	Z/2	0.26	412	hkoaeacdeffggfkattirf
$N7_{327}$	5.9671462655	Z/2+Z	Z/2	0.19	413	hnkaeabdfegggfhgqxqgb
$N7_{328}$	5.9672540750	Z	trivial	1.04	414	hdpaafgfegegfbgdexajj

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{329}$	5.9699954834	Z/5+Z	Z/2	0.66	415	hnfaebcdfegggaaavvrba
$N7_{330}$	5.9714844180	Z	trivial	0.30	416	hghaidceeefgggbcvxbhf
$N7_{331}$	5.9729218412	Z	Z/2	0.25	417	hpkaaabgfeeggfhxqxgah
$N7_{332}$	5.9758351361	Z/2+Z	trivial	0.42	418	hdlabaefegfggfnhmjmfi
$N7_{333}$	5.9801915143	Z	Z/2	0.38	419	hpkaaabgfeggffhxxhaqg
$N7_{334}$	5.9808578615	Z/2+Z	trivial	1.05	420	hkpaaedfggffgstesbeju
$N7_{335}$	5.9808661410	Z/5+Z	Z/2	1.11	421	hgpaadgfeefggpqnodnxf
$N7_{336}$	5.9834159486	Z/2+Z/2+Z	Z/2	0.24	422	hcoafacdeffggnkannkak
$N7_{337}$	5.9872875867	Z	trivial	1.09	423	hfpaadgefegfgmqasamer
$N7_{338}$	5.9891458037	Z	Z/2	0.16	424	hhkaeabdfegggfhbqhank
$N7_{339}$	5.9919235590	Z	trivial	0.29	425	hhjaebaffegggaffqjbgj
$N7_{340}$	5.9951862228	Z	Z/2	0.37	426	hflabccefefggdkxakank
$N7_{341}$	5.9963929939	Z/2+Z	Z/2	0.23	429	hpjaabafgeffgafqaaqaf
$N7_{342}$	6.0026505470	Z/2+Z	trivial	0.30	430	hkoabacdfgfggnkaupxcc
$N7_{343}$	6.0027587477	Z/6+Z	trivial	0.26	431	hnjabbadffgggafbrbnkh
$N7_{344}$	6.0056417123	Z	Z/2	0.36	432	hflacaceeffggknammewf
$N7_{345}$	6.0091238352	Z/3+Z	Z/2	0.58	433	hnfaebcdfegggaaaccjxj
$N7_{346}$	6.0166726344	Z/4+Z	Z/2	0.22	434	hkoaiacdeffggfkattqbg
$N7_{347}$	6.0167083448	Z/2+Z/2+Z	Z/2	0.16	435	hlkaeabdfegggfhohxhof
$N7_{348}$	6.0170207076	Z/3+Z	Z/2	0.35	436	hdlacadfegffgfhhahahk
$N7_{349}$	6.0213798619	Z	Z/2	0.72	441	hbpabeddeffggwgiajggg
$N7_{350}$	6.0230460200	Z/2+Z/2+Z	Z/2	0.88	442	hbpabeffdfgggaoxajsqs
$N7_{351}$	6.0252548236	Z/19+Z	Z/2	0.59	443	hffafbcdefgggaaaqhqdu
$N7_{352}$	6.0264235916	Z/3+Z	Z/2	0.81	444	hbhafbcdefggglfndqacn
$N7_{353}$	6.0264235916	Z/3+Z	Z/2	0.81	445	hbhafbcdefggglfndqakv
$N7_{354}$	6.0303242551	Z/4+Z	trivial	0.26	446	hnkababdegfggfhlqgicv
$N7_{355}$	6.0314189434	Z/2+Z	Z/2	0.21	449	hcoafacdeffggfkannkak
$N7_{356}$	6.0331746587	Z/2+Z	trivial	0.77	450	hbpabfdfgfeggeuxgeect
$N7_{357}$	6.0341681470	Z	trivial	0.93	451	hbpabfcffgeggeqxeshlc
$N7_{358}$	6.0366947250	Z	Z/2	0.34	452	hflaccceeffggdkxsaenf
$N7_{359}$	6.0368418303	Z	Z/2	0.34	453	hdpaaefdgdffghxnlnodg
$N7_{360}$	6.0372580346	Z/3+Z	Z/2	0.33	454	hkoabacdfggfgnkaivghu
$N7_{361}$	6.0372580346	Z/3+Z	Z/2	0.33	455	hkoabacdgffggnkafpxcu
$N7_{362}$	6.0372918300	Z	Z/2	0.34	456	hkoaeacdeffggfkattibg
$N7_{363}$	6.0392128140	Z/2+Z	trivial	0.60	457	hhfaibceeffgghhggbxxb
$N7_{364}$	6.0415292016	Z/2+Z	trivial	0.24	459	hnjabbadfggfgafbcknmw
$N7_{365}$	6.0444433052	Z	trivial	0.24	460	hlkababdegfggfhojqocv
$N7_{366}$	6.0519158320	Z/2+Z	trivial	0.23	461	hhjacbadfggfghkfjgbfq
$N7_{367}$	6.0525763135	Z/6+Z	Z/2	0.33	462	hdlacadfegffgfahaaahf
$N7_{368}$	6.0539780105	Z	trivial	0.28	463	hcoadacdefgggnkajvtgk
$N7_{369}$	6.0553427377	Z/2+Z	trivial	0.76	464	hcpacedfdffgglidexoxb

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{370}$	6.0557476875	Z	trivial	0.27	465	hcoadacdefgggfkacpttg
$N7_{371}$	6.0569329083	Z	Z/2	0.32	467	hooaaacefffggfkqfmkbo
$N7_{372}$	6.0572286111	Z	Z/2	0.27	468	hlkababdfgfggfannppqg
$N7_{373}$	6.0601706918	Z/2+Z	trivial	0.72	469	hipabecdfegggriifdnan
$N7_{374}$	6.0658684856	Z/2+Z	trivial	0.22	471	hdlaicdfdffggqmmtqnho
$N7_{375}$	6.0695056657	Z/2+Z	trivial	1.20	474	hdpaacfdfegggnxtkkxkd
$N7_{376}$	6.0709367235	Z/5+Z	Z/2	0.96	475	hfpaaedggeffgwnckweot
$N7_{377}$	6.0710241102	Z/2+Z	trivial	0.81	476	hbpacfcdeegggksisswib
$N7_{378}$	6.0749654032	Z/13+Z	Z/2	0.54	477	hblafccdefgggdknxhajo
$N7_{379}$	6.0781481272	Z/6+Z	Z/2	0.31	482	hcoadacdefgggfkabcuxd
$N7_{380}$	6.0781481272	Z/6+Z	Z/2	0.31	483	hkoabacdfggfgfkaejvau
$N7_{381}$	6.0781788581	Z	Z/2	0.31	484	hflacccefefggdkxlkaco
$N7_{382}$	6.0789236635	Z/2+Z/4+Z	Z/2	0.80	485	hdpaacfeegfggsbsbhcik
$N7_{383}$	6.0790462563	Z/2+Z/2+Z	Z/2	1.15	486	hcpaccdefggfgggflswes
$N7_{384}$	6.0790462563	Z/8+Z	Z/2	0.59	487	hhdabbceeffggqqjlncxk
$N7_{385}$	6.0831410502	Z	Z/2	0.88	489	hcpacecdfegggrnclkksl
$N7_{386}$	6.0841691856	Z	trivial	0.21	490	hdlaicdfdffggqmmtqnab
$N7_{387}$	6.0848502945	Z	Z/2	0.75	491	hfhacdcfdfgfgscxcwcom
$N7_{388}$	6.0862386677	Z	trivial	0.56	492	hhdabbcefefggqqjffqxk
$N7_{389}$	6.0884011553	Z	Z/2	0.30	495	hflaeacffefggfnnwuikk
$N7_{390}$	6.0896496385	Z/2+Z/4+Z	trivial	1.05	497	hbpabecfgegfgxqxxqqha
$N7_{391}$	6.0896496385	Z/10+Z	D2	0.84	498	hbpacfefdgeggeixfjfwd
$N7_{392}$	6.0896496385	Z/6+Z	D2	0.84	499	hdpaaefdgfeggixfsiftn
$N7_{393}$	6.0896496385	Z/4+Z	trivial	1.15	501	hfpaacfeeggfgexdjinhp
$N7_{394}$	6.0896496385	Z/4+Z	Z/2	0.55	504	hpdaabceefgggbbbxgbxg
$N7_{395}$	6.0981371295	Z/3+Z	Z/2	0.54	506	hpfaabcegffggaaboeots
$N7_{396}$	6.1020696705	Z	Z/2	0.16	509	hpkaaabgfeffgfhqqhqhk
$N7_{397}$	6.1088157136	Z	Z/2	0.24	510	hdkadabdefgggfannaklx
$N7_{398}$	6.1131090407	Z/2+Z	Z/2	0.29	511	hflaeacffefggfnnwuikb
$N7_{399}$	6.1140762197	Z	Z/2	0.15	512	hpkaaabgfeffgfhhqhqhn
$N7_{400}$	6.1159016599	Z/2+Z	trivial	0.24	513	hcoadacdefgggfkajvtgk
$N7_{401}$	6.1182979565	Z/2+Z	Z/2	0.28	514	hkoaeacdeffggfkattirk
$N7_{402}$	6.1218276188	Z/8+Z	Z/2	0.80	515	hcpacdfefgeggctraskux
$N7_{403}$	6.1266135405	Z	Z/2	0.22	516	hnkababdfgfggfhggiihf
$N7_{404}$	6.1298665726	Z/2+Z	Z/2	0.28	517	hpkaaabgfeeggfhxqxoah
$N7_{405}$	6.1319782388	Z	trivial	0.20	520	hhkababefegggnaojajkn
$N7_{406}$	6.1356068290	Z/2+Z	trivial	0.18	521	hhjacbadfgfgghkfrgmbj
$N7_{407}$	6.1356423028	Z	Z/2	0.54	522	hflabcceegfggdkxdcjcx
$N7_{408}$	6.1362605654	Z/2+Z	Z/2	0.27	523	hflaeaceeffggknamqebk
$N7_{409}$	6.1381387891	Z/2+Z	Z/2	0.77	528	hbpacfefdgeggkixfxfwd
$N7_{410}$	6.1381387891	Z	Z/2	0.77	529	hfpaadfdegfggbxgmmsse

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{411}$	6.1381387891	Z	Z/2	0.76	530	holaaccffggfgmfxfxrri
$N7_{412}$	6.1401549786	Z/4+Z	trivial	0.20	531	hhkaeabfefgggfhkcqgbc
$N7_{413}$	6.1447418127	Z	trivial	0.65	532	hhfabbcegefgghhjbxsdo
$N7_{414}$	6.1462437330	Z/3+Z	Z/2	0.80	533	hbpaccefdgfgggnkbbpfe
$N7_{415}$	6.1511132054	Z/2+Z	trivial	0.47	534	hnfabbcdfggfgaaaepule
$N7_{416}$	6.1538428666	Z	trivial	0.17	535	hlkababdefgggfhokdjcv
$N7_{417}$	6.1566116606	Z/3+Z	trivial	0.17	536	hnkababdffgggnabrbnkh
$N7_{418}$	6.1573460113	Z	Z/2	0.21	537	hfkadabdefgggfhggqbdx
$N7_{419}$	6.1582822321	Z/2+Z	Z/2	0.50	538	hfnacbedfggfghhkkncvk
$N7_{420}$	6.1585544555	Z	Z/2	0.64	539	hndabbcdggffgknefxbfj
$N7_{421}$	6.1646464941	Z	Z/2	1.15	540	hbpabecdfggfgpuolxocc
$N7_{422}$	6.1658563202	Z	Z/2	0.25	541	hpjaabafgeffgafqqaqag
$N7_{423}$	6.1677436639	Z	trivial	0.61	542	hhdabbcfeegggknrnxnxo
$N7_{424}$	6.1684672006	Z	Z/2	0.65	543	hbpabeddeffggwgiajggo
$N7_{425}$	6.1696458831	Z	trivial	0.16	544	hlkacabdfgfggfhojgoba
$N7_{426}$	6.1724393247	Z/8+Z	Z/2	0.20	545	hlkababdfgfggfhoommqb
$N7_{427}$	6.1754531046	Z	Z/2	1.13	546	hdpaaceegfffgmecxbood
$N7_{428}$	6.1754531046	Z/2+Z	trivial	0.95	547	hdpaacfdgegfgxeqxggjf
$N7_{429}$	6.1774395830	Z/2+Z	trivial	0.49	548	hcladbddegfggittdcmwi
$N7_{430}$	6.1836501712	Z/2+Z/2+Z	trivial	0.68	549	hcpacedfdffgglidexoxk
$N7_{431}$	6.1837357148	Z	Z/2	0.24	550	hpjaabafgeffgafqaaqan
$N7_{432}$	6.1853639757	Z	trivial	0.85	551	hbpabfdegfggfiwfboxim
$N7_{433}$	6.1872464487	Z/4+Z	trivial	0.98	552	hcpacdedfgfggmkmmewsk
$N7_{434}$	6.1914070234	Z/21+Z	Z/2	0.49	554	hfdafbcdefgggaqhhqaet
$N7_{435}$	6.1915015799	Z/2+Z	Z/2	0.24	555	hcoafacdeffggnkannkab
$N7_{436}$	6.1960248312	Z	trivial	0.15	556	hnkababdfggfgnabcknmw
$N7_{437}$	6.2012163927	Z/2+Z	Z/2	0.66	559	hpdaabcfdgfggknwevthq
$N7_{438}$	6.2069714619	Z/2+Z	Z/2	0.17	560	hdkadabdefgggfhoohfex
$N7_{439}$	6.2086988223	Z	Z/2	0.24	561	hdoaiaedfeeggfhahhaqk
$N7_{440}$	6.2131272384	Z	Z/2	0.22	562	hkoaiacdeffggfkattqbo
$N7_{441}$	6.2164482176	Z/2+Z	Z/2	0.24	563	hdoaiaedfeeggfhaahaqf
$N7_{442}$	6.2172868611	Z	Z/2	0.62	564	hdpaadfegeggfhhhxwitg
$N7_{443}$	6.2193473844	Z	trivial	0.69	567	hdnacbdeegfggfqkmaoca
$N7_{444}$	6.2205444983	Z	trivial	0.54	570	hhfacbcdeffggaawbawqf
$N7_{445}$	6.2207848793	Z	trivial	0.13	571	hlkacabdfggfgfhorgbls
$N7_{446}$	6.2214780494	Z/5+Z	Z/2	0.47	572	hflaccceegfggdkxmsslk
$N7_{447}$	6.2302239789	Z/3+Z	Z/2	0.84	574	hlhaadcfeggfghnhsswtu
$N7_{448}$	6.2344137268	Z/2+Z	Z/2	0.72	577	hfpaafdgffggeqivmjvxf
$N7_{449}$	6.2346748339	Z	Z/2	0.21	578	hcoafacdeffggfkannkab
$N7_{450}$	6.2464113781	Z/3+Z	trivial	0.44	580	hbhajbdecffggnixlnlkg
$N7_{451}$	6.2520092428	Z	trivial	1.25	581	hdpaadegfegfgxfbrxbme

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{452}$	6.2528992764	Z/6+Z	Z/2	0.21	582	hdlacadfegffgfhhahahf
$N7_{453}$	6.2638324060	Z/2+Z	trivial	0.99	586	hbpacecfeegggioxfxnlg
$N7_{454}$	6.2644613304	Z/2+Z/2+Z	Z/2	1.12	587	hdpaacefegfggbgpdncgk
$N7_{455}$	6.2644613304	Z/2+Z/2+Z	trivial	1.12	588	hdpaacfefgeggnxpkblwd
$N7_{456}$	6.2644613304	Z/6+Z	D2	0.73	589	hghacccfegfggendxtmop
$N7_{457}$	6.2644613304	Z/2+Z/2+Z	Z/2	0.71	590	hjhabcdedgfggfofoxhqa
$N7_{458}$	6.2644613304	Z/2+Z	D2	0.73	592	hpdaabceefgggbbnuxxni
$N7_{459}$	6.2644613304	Z/6+Z	D2	0.73	593	hpdaabceefgggbbpswwjm
$N7_{460}$	6.2646007275	Z	Z/2	0.76	596	hepaedefeffggcurmokwb
$N7_{461}$	6.2663634304	Z	Z/2	1.01	597	hcpabdfegfeggpkekxwkx
$N7_{462}$	6.2683450595	Z/2+Z	Z/2	0.60	598	hbpacededffggbwuhbvgf
$N7_{463}$	6.2692813724	Z	Z/2	0.59	599	hdfadbcedgffgaaknaaff
$N7_{464}$	6.2701476092	Z	trivial	0.40	600	hcnadbddefgggebbsnpsk
$N7_{465}$	6.2701476092	Z	trivial	1.08	601	hgpaaecfgfggfcibsbkxs
$N7_{466}$	6.2703086796	Z/3+Z	Z/2	0.20	602	hdlacadfegffgfahaaahk
$N7_{467}$	6.2716719537	Z	trivial	0.50	603	hhfaibceeffgghhggbxaf
$N7_{468}$	6.2724549876	Z/2+Z	Z/2	0.67	604	hflabbeeegffgaaknxafk
$N7_{469}$	6.2741498548	Z/2+Z	trivial	1.27	605	hdpaacegfegfgnekikwon
$N7_{470}$	6.2763481136	Z	Z/2	0.74	606	hjhabbddegffgpbmkxhgf
$N7_{471}$	6.2795488557	Z/2+Z	Z/2	0.58	607	hdlacadfegggffxxaankn
$N7_{472}$	6.2804354181	Z	Z/2	1.13	608	hbpabccffgfggjsxhrhxr
$N7_{473}$	6.2873526288	Z/2+Z	Z/2	0.45	609	hflacaceegfggknanhkkc
$N7_{474}$	6.2875558264	Z/3+Z	Z/2	0.62	610	hdhabceffdfggnpnxnmct
$N7_{475}$	6.2888522648	Z/17+Z	Z/2	0.42	611	hblafbcedfgggioxohhwr
$N7_{476}$	6.2899979404	Z	trivial	0.64	612	hhdacbcdeffggknodbiff
$N7_{477}$	6.2929557469	Z	trivial	0.94	615	hdhabdceggffgitxriuwm
$N7_{478}$	6.2945944648	Z	trivial	0.80	616	hbpabfdfefgggeuxlekwl
$N7_{479}$	6.3006246811	Z/2+Z	trivial	0.47	617	hhdabbcefefggqqjffqhf
$N7_{480}$	6.3012980571	Z	Z/2	1.25	618	hhhaadfgeggffcxxxxcwr
$N7_{481}$	6.3029447125	Z	trivial	0.38	620	hcoadacdefgggnkacpggk
$N7_{482}$	6.3045313667	Z	Z/2	0.16	621	hpkaaabgfeffgfhqqhqhb
$N7_{483}$	6.3057392594	Z	Z/2	0.18	624	hpkaaabgfeggffhhqxqab
$N7_{484}$	6.3073830781	Z/2+Z	trivial	0.62	625	hfpaacdgegfgfeiijiwbf
$N7_{485}$	6.3094005360	Z/2+Z	Z/2	0.16	628	hpkaaabgfeffgfhhqhqhf
$N7_{486}$	6.3105662505	Z/6+Z	Z/2	0.70	629	hfhabceeffgggtixsrblo
$N7_{487}$	6.3153435086	Z	Z/2	0.17	630	hpkaaabgfeggffhhqxqan
$N7_{488}$	6.3222955263	Z/2+Z	trivial	0.36	633	hcoadacdefgggfkacpggk
$N7_{489}$	6.3262691788	Z	trivial	1.01	634	hdlaibefdfeggqxrqwlqu
$N7_{490}$	6.3265683663	Z/2+Z	trivial	1.10	635	hfpaacdfgegfgrrfwdmsc
$N7_{491}$	6.3268869444	Z/2+Z	trivial	0.84	636	hdlaccdefgfggkbxnklpu
$N7_{492}$	6.3277863031	Z	Z/2	0.84	637	hfnaebeefeggghhfoofko

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{493}$	6.3297345845	Z	trivial	0.43	638	hmlaccdcffgfgdlknhdrb
$N7_{494}$	6.3305055843	Z/2+Z	trivial	0.43	639	hipabdeeffgfgpbfofqrn
$N7_{495}$	6.3335577340	Z/5+Z	Z/2	0.78	643	hlhaacdfgggffqkvaowob
$N7_{496}$	6.3392623541	Z/2+Z	Z/2	0.79	646	hcpacedefgggfuduaxffi
$N7_{497}$	6.3417297814	Z/7+Z	Z/2	0.40	647	hkoaeacdfegggfkannhkc
$N7_{498}$	6.3434142579	Z/3+Z	trivial	0.39	648	hlhaabfggdfgfotsqbsma
$N7_{499}$	6.3545865572	Z/4+Z	Z/2	0.61	651	hpdaabceegfggaafirrfu
$N7_{500}$	6.3545865572	Z/4+Z	Z/2	0.61	653	hpdaabceggffgaafirtrf
$N7_{501}$	6.3545865572	Z/4+Z	Z/2	0.61	656	hpdaabcffgggfaalcrver
$N7_{502}$	6.3545865572	Z/2+Z	Z/2	0.61	658	hpdaabcgffgfgaafctvod
$N7_{503}$	6.3556601570	Z	trivial	0.43	664	hhdabbcefefggqqjffqhg
$N7_{504}$	6.3732224370	Z/8+Z	Z/2	0.38	667	hflacaceegfggknanakfj
$N7_{505}$	6.3790085273	Z/6+Z	trivial	0.55	668	hnhaacdfgggffuaoktwsp
$N7_{506}$	6.3805005712	Z	Z/2	0.69	669	hbhadbcedgffglfndxqok
$N7_{507}$	6.3827962296	Z	trivial	0.33	670	hcoadacdegfggnkajjakg
$N7_{508}$	6.3852583555	Z/3+Z	Z/2	0.76	671	hblafcdeefgggipuxbkqu
$N7_{509}$	6.3862456567	Z/2+Z	Z/2	0.89	672	hepacceffgegghvfienuo
$N7_{510}$	6.4042826866	Z	Z/2	0.67	689	hndabbcdgfgfgkneffcbm
$N7_{511}$	6.4094403777	Z	trivial	0.50	692	hapaddbedfgggoflpxgev
$N7_{512}$	6.4116167038	Z/2+Z	trivial	0.97	693	hkhabdcegefggahfxjohf
$N7_{513}$	6.4152624521	Z	trivial	0.72	695	hdpaadfegeggfkanjwwtb
$N7_{514}$	6.4157456679	Z/4+Z	Z/2	1.01	696	hdpaaefggefegkxpehdak
$N7_{515}$	6.4178505782	Z	trivial	0.74	697	hfhaccdefggfgtqxtfrmm
$N7_{516}$	6.4248952571	Z/8+Z	trivial	0.41	699	hldaibcdeffggqqjpcnak
$N7_{517}$	6.4293345637	Z	Z/2	0.80	701	hdnabbdfeggfgafmmhtsi
$N7_{518}$	6.4304365047	Z/2+Z	Z/2	0.34	702	hkoaeacdefgggnkaccccx
$N7_{519}$	6.4355907229	Z	trivial	1.05	703	hlhaadcfeggfgkqgexwcm
$N7_{520}$	6.4375520824	Z	trivial	0.39	704	hhdabbceeffggqqjlncxf
$N7_{521}$	6.4392478544	Z	trivial	0.48	705	hgpaadecfegggmfkxmngd
$N7_{522}$	6.4419156165	Z	Z/2	0.90	706	hfhabdcfgffggueecufnk
$N7_{523}$	6.4419309586	Z/2+Z/2+Z	Z/2	1.11	707	hbpabcdegfgfgcxepaboj
$N7_{524}$	6.4419309586	Z/2+Z/2+Z	Z/2	1.04	708	hdpaacgefgefgpqomjbtr
$N7_{525}$	6.4435824356	Z	trivial	0.65	709	hhdacbcdeffggknodbiof
$N7_{526}$	6.4452589265	Z/11+Z	Z/2	0.71	710	hcnafbcedfggglkubqhbr
$N7_{527}$	6.4452589265	Z/11+Z	Z/2	0.71	711	hcnafbcedfggglkubqhgw
$N7_{528}$	6.4485033265	Z	Z/2	0.54	712	hnhaabcdffgggjdnhoxds
$N7_{529}$	6.4556076142	Z/2+Z	trivial	0.28	713	hcoadacdegfggfkajjakg
$N7_{530}$	6.4570287088	Z/4+Z	trivial	0.81	716	hepacedffggfgvordbgnq
$N7_{531}$	6.4570287088	Z	Z/2	1.13	714	hbpabdfegggffqwqffhrx
$N7_{532}$	6.4571633604	Z/2+Z	trivial	1.03	717	hdpaaedeggffglnwvxesi
$N7_{533}$	6.4574288171	Z/4+Z	Z/2	0.32	718	hkoaeacdefgggnkakkjjx

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{534}$	6.4583313910	Z/23+Z	Z/2	0.70	719	hfdafbcdefgggaahhqqdl
$N7_{535}$	6.4588208052	Z	Z/2	0.33	720	hkoaeacdefgggfkaccccx
$N7_{536}$	6.4593758290	Z	trivial	0.78	721	hjhabdecgffggkrqppwwi
$N7_{537}$	6.4627549720	Z	Z/2	0.64	722	hbpabcdegfffgctqtarfb
$N7_{538}$	6.4642412472	Z/6+Z	Z/2	0.56	723	hfhacbcefgfgglfditqdv
$N7_{539}$	6.4642412472	Z/6+Z	Z/2	0.56	724	hfhacbcefggfglfdituav
$N7_{540}$	6.4649440026	Z/13+Z	Z/2	0.32	725	hkoaeacdfegggfkannafj
$N7_{541}$	6.4753146762	Z	trivial	0.77	726	hbhafdceefgggkgakltlb
$N7_{542}$	6.4777266085	Z/8+Z	Z/2	0.64	728	hbhadbcedgffglfndqqof
$N7_{543}$	6.4790347619	Z	trivial	0.83	729	hdlabbfdggffgkwhrxxke
$N7_{544}$	6.4849486027	Z	trivial	0.75	732	hcpabefegggfftutirdft
$N7_{545}$	6.4858452664	Z/2+Z/2+Z	trivial	0.98	733	hkpaadfegfggfdioqxcor
$N7_{546}$	6.4874625960	Z	Z/2	0.85	734	hpdaabcefegggknmfbolb
$N7_{547}$	6.4884689842	Z/2+Z/2+Z	Z/2	0.54	737	hdlacadfegeggfxhxhfof
$N7_{548}$	6.4884689842	Z/2+Z/2+Z	Z/2	0.54	738	hipabcdegfeggaakvnkah
$N7_{549}$	6.4884689842	Z/2+Z	Z/2	1.09	739	hjpaacdefggfgiipevudw
$N7_{550}$	6.4955476362	Z	Z/2	0.64	741	hpdaabcfeegggknwqcwvq
$N7_{551}$	6.5005259883	Z/5+Z	Z/2	0.29	744	hkoaeacdefgggfkakkjjx
$N7_{552}$	6.5051137198	Z/2+Z	Z/2	0.50	747	hnhaabcfggefgjdgxdouv
$N7_{553}$	6.5137947509	Z	trivial	0.94	748	hjhabcedgffggnihsuwdv
$N7_{554}$	6.5199266124	Z/2+Z	Z/2	0.61	750	hdlaeadfedgggfhhagqbg
$N7_{555}$	6.5262907108	Z	trivial	0.69	752	hcpabeffdggfglurem etj
$N7_{556}$	6.5361052505	Z/2+Z	Z/2	0.51	757	hfpaacedgfffgikdosptf
$N7_{557}$	6.5401774191	Z/2+Z	Z/2	0.51	759	hdlacadfegeggfxhxhnof
$N7_{558}$	6.5417771238	Z/2+Z	trivial	0.42	760	hgoabacdfggfgfkrfjatr
$N7_{559}$	6.5460316646	Z/8+Z	Z/2	0.89	761	hbhafbcdefggglfndqqjs
$N7_{560}$	6.5460316646	Z/8+Z	Z/2	0.89	762	hbhafbcdefggglfndqqof
$N7_{561}$	6.5494126976	Z	trivial	0.33	763	hhdabbceeffggqqjlncab
$N7_{562}$	6.5517432879	Z	Z/2	0.50	764	hnlaaacffegggfnwevfuc
$N7_{563}$	6.5517432879	Z/5+Z	Z/2	0.50	770	hnlaaacfgfgfgfnwnmfnm
$N7_{564}$	6.5556175511	Z/2+Z	Z/2	0.95	772	hdpaaefdggfgfbhbjxajq
$N7_{565}$	6.5564369865	Z	Z/2	0.86	773	hkpaadedggffgjqoudgeb
$N7_{566}$	6.5593358827	Z/3+Z	Z/2	0.48	775	hnnaabcgfffggmgtjasur
$N7_{567}$	6.5593358827	Z/3+Z	Z/2	0.48	777	hnnaabcggfffgmgtkaspr
$N7_{568}$	6.5645504449	Z	Z/2	0.96	781	hlhaadcfegfgghnxjjhoh
$N7_{569}$	6.5659391634	Z	trivial	0.72	782	hpdaabcegefggknrsurxk
$N7_{570}$	6.5738058158	Z/2+Z	trivial	0.74	783	hbpabfcfeggfghbrtkgkj
$N7_{571}$	6.5790271642	Z/3+Z	trivial	0.81	784	hbpabcedggffgmqqrtewi
$N7_{572}$	6.5947446578	Z/2+Z	Z/2	1.01	786	hdpaaedgggfffnjhssdud
$N7_{573}$	6.6057702610	Z	Z/2	0.60	790	hjhabbddegffgpbmkaxnb
$N7_{574}$	6.6157567626	Z/2+Z/12+Z	Z/2	0.81	795	hffafbcdefgggaaqqhqax

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{575}$	6.6235324321	Z/2+Z	Z/2	0.56	796	hdlaeadfedgggfahabqbg
$N7_{576}$	6.6268046250	Z	trivial	0.62	799	hdlabbeefgeggdxfkcipg
$N7_{577}$	6.6323571655	Z/6+Z	Z/2	0.81	800	hdhabbdegfgfghgvhkjos
$N7_{578}$	6.6436204071	Z	Z/2	0.72	803	hcpacecfdegggofkwadsc
$N7_{579}$	6.6449589098	Z/4+Z	trivial	0.88	805	hbpabfddefggggkmqgqjm
$N7_{580}$	6.6449589098	Z/4+Z	trivial	0.88	806	hohaadcgfegfgthbwscdd
$N7_{581}$	6.6480999447	Z	Z/2	0.64	807	hdfafbcdefgggaaknknsk
$N7_{582}$	6.6502133286	Z/2+Z	trivial	1.07	808	hdhabbdfegfgghgxpokrm
$N7_{583}$	6.6529266133	Z/2+Z/2+Z	Z/2	0.44	809	hjlabceddgfggnnkkxaqh
$N7_{584}$	6.6567268759	Z	trivial	0.54	810	hhdacbcdeffggknodbijk
$N7_{585}$	6.6594285700	Z	Z/2	0.97	811	hfpaaedffgfggjcdxsijx
$N7_{586}$	6.6650234417	Z/4+Z	trivial	1.08	814	hjpaaecfggefgwuqkplsw
$N7_{587}$	6.6662208044	Z/3+Z	Z/2	0.87	818	hjpaacedggffgkhhlsmjw
$N7_{588}$	6.6692516277	Z/2+Z	Z/2	0.43	819	hhhaabdgdgffgknkbaqhx
$N7_{589}$	6.6777843380	Z	Z/2	0.56	820	hbhadbcedgffglfndqxkf
$N7_{590}$	6.6865041892	Z/2+Z	Z/2	0.66	822	hfhacbcefgfgglfdiemmg
$N7_{591}$	6.6990829007	Z/2+Z	trivial	0.87	823	hhlaabddegfggkhnjwbir
$N7_{592}$	6.7031371446	Z/2+Z	trivial	0.50	824	hhdacbcdeffggknodbijb
$N7_{593}$	6.7086871959	Z	Z/2	1.32	825	hbpabcefegfggedxdwwlu
$N7_{594}$	6.7235096992	Z/2+Z	trivial	0.79	829	hohaacdfgegfgtptfsagc
$N7_{595}$	6.7290080338	Z	Z/2	0.53	830	hjhabbddegffgpbmkaxnk
$N7_{596}$	6.7304202316	Z/2+Z	trivial	0.63	831	hbpabedefggfgvaltmenl
$N7_{597}$	6.7304931820	Z/3+Z	Z/2	1.14	832	hgpaadfgdffggdpgbbfsj
$N7_{598}$	6.7385006832	Z	Z/2	0.54	834	hdlaeadfedgggfhhaoqbg
$N7_{599}$	6.7435528096	Z	trivial	1.21	835	hdhabdcfgffggvuqmnruc
$N7_{600}$	6.7598734277	Z	trivial	0.53	841	hcpacecdfefggtsnlltsn
$N7_{601}$	6.7614698535	Z/2+Z	Z/2	0.51	842	hbhadbcedgffglfndqxkg
$N7_{602}$	6.7810626114	Z	Z/2	0.52	846	hdlaeadfedgggfahakqbg
$N7_{603}$	6.7869521028	Z	Z/2	0.99	847	hflaeaedffgggeeqswmeq
$N7_{604}$	6.7877938994	Z	trivial	0.76	848	hdhacbfedefggtnxhumsp
$N7_{605}$	6.7891730476	Z/2+Z	Z/2	0.35	849	heoadacdegfggfkknxaqh
$N7_{606}$	6.7929395040	Z/3+Z	Z/2	1.01	850	hbpabcfffgegghbicshlc
$N7_{607}$	6.8081597734	Z	trivial	0.51	853	hdpaadfegeggfkhnjwwtg
$N7_{608}$	6.8123379792	Z	trivial	1.14	854	hcpabecfgegfgtavuwbdw
$N7_{609}$	6.8128951888	Z/2+Z/2+Z	trivial	0.75	855	hhlaacfgegefgenomkjmu
$N7_{610}$	6.8400410134	Z	trivial	0.49	860	hboadadedfgggnghaaoni
$N7_{611}$	6.8458240923	Z/2+Z	trivial	0.80	861	hdlacbedegfggqlnpjfiw
$N7_{612}$	6.8580379924	Z	Z/2	1.32	864	hhhaadgefffggcxxxxcwr
$N7_{613}$	6.8784880534	Z/2+Z	trivial	0.47	866	hboadadedfgggfghaaoni
$N7_{614}$	6.9083761991	Z/8+Z	trivial	0.45	867	hdpaadfegeggfkhnjwwto
$N7_{615}$	6.9698428401	Z/2+Z	trivial	0.81	876	hdhacceefegggqemttjsh

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7_{616}$	6.9698428401	Z/2+Z	trivial	0.88	882	hhlaabfgfefggfurvdewq
$N7_{617}$	7.1045912449	Z/29+Z	Z/14	1.09	886	hfdafbcdefgggaqhhqadl
$N7^2_1$	3.4723592617	Z/4+Z	Z/2	0.12	2	hkfagbcbdegggaabaabpd
$N7^2_2$	3.5488776324	Z/2+Z	Z/2	0.07	9	hkfagbcbdegggaabaadnp
$N7^2_3$	3.5858577951	Z/2+Z	Z/2	0.05	13	hfdadbcdeegggaaaanbpd
$N7^2_4$	3.5968002571	Z/4+Z	Z/2	0.04	16	hkfagbcbdegfgaabahglt
$N7^2_5$	3.6014195623	Z/2+Z	Z/2	0.04	18	hkfagbcbdefggaabahpou
$N7^2_6$	3.6088711897	Z/4+Z	Z/2	0.03	24	hkkagabcdegggfaqqqiom
$N7^2_7$	3.6109071731	Z/2+Z	Z/2	0.03	25	hkjagbacdegggafahhekl
$N7^2_8$	3.6152080223	Z/4+Z	Z/2	0.03	28	hfdadbcdeegggaaaandnp
$N7^2_9$	3.6160669802	Z/2+Z	Z/2	0.03	30	hkkagabcdegggfhqqqdnp
$N7^2_{10}$	3.6194664286	Z/2+Z	Z/2	0.03	32	hkfagbcbdegggaabqhekl
$N7^2_{11}$	3.6231518339	Z/2+Z	Z/2	0.03	34	hkjagabcdefggbahqqpou
$N7^2_{12}$	3.6245289561	Z/4+Z	Z/2	0.02	37	hkjagbacdegfgafahhfdu
$N7^2_{13}$	3.6272912291	Z/2+Z	Z/2	0.02	39	hkkagabcdegfgfaqqqglt
$N7^2_{14}$	3.6283552992	Z/2+Z	Z/2	0.02	41	hkfagbcbdegggaabqhfle
$N7^2_{15}$	3.6316295968	Z/2+Z	Z/2	0.02	43	hjdagbcdcegggaaakqiom
$N7^2_{16}$	3.6325698933	Z/4+Z	Z/2	0.02	45	hkjagabcdegfgbqqaabet
$N7^2_{17}$	3.6328128378	Z/2+Z	Z/2	0.02	46	hkkagabcdegfgfhqqqbet
$N7^2_{18}$	3.6346659780	Z/2+Z	Z/2	0.02	47	hjdagbcdcegfgaaakqglt
$N7^2_{19}$	3.6347685534	Z/4+Z	Z/2	0.02	48	hkkagabcdegfgfaqqafdu
$N7^2_{20}$	3.6354110866	Z/4+Z	Z/2	0.02	49	hkjagabcdegfgbahqqglt
$N7^2_{21}$	3.6356973984	Z/2+Z	Z/2	0.02	50	hkkagabcdegfgfhqaabet
$N7^2_{22}$	3.6374918265	Z/2+Z	Z/2	0.02	53	hkjagabcdegfgbahqafdu
$N7^2_{23}$	3.6385566470	Z/2+Z	Z/2	0.02	54	hkkagabcdegggfaqqaekl
$N7^2_{24}$	3.6398659923	Z/4+Z	Z/2	0.02	55	hkjagabcdegfgbqqahglt
$N7^2_{25}$	3.6407063272	Z/2+Z	Z/2	0.01	56	hkkagabcdegggfhqqhekl
$N7^2_{26}$	3.6411167980	Z/2+Z	Z/2	0.01	57	hkjagabcdefggbqqaamnt
$N7^2_{27}$	3.6417328181	Z/2+Z	Z/2	0.01	58	hkjagabcdegggbahqaekl
$N7^2_{28}$	3.6434294595	Z/4+Z	Z/2	0.01	59	hkkagabcdegfgfhqqhfdu
$N7^2_{29}$	3.6438794710	Z/2+Z	Z/2	0.01	60	hkkagabcdegggfhqaadnp
$N7^2_{30}$	3.6443561837	Z/2+Z	Z/2	0.01	61	hkjagabcdefggbqqahpou
$N7^2_{31}$	3.6443679508	Z/2+Z	Z/2	0.01	62	hkkagabcdegfgfhqahglt
$N7^2_{32}$	3.6477087752	Z/4+Z	Z/2	0.01	63	hkkagabcdefggfhqahpou
$N7^2_{33}$	5.1248078862	Z/2+Z	Z/2	0.28	145	hfdadbcdegfggaaaaccxa
$N7^2_{34}$	5.1248078862	Z/2+Z	Z/2	0.28	146	hfdafbcdefgggaaaacccv
$N7^2_{35}$	5.2723276859	Z/2+Z	Z/2	0.19	181	hgfadbcbegfggaabbkkxe
$N7^2_{36}$	5.2723276859	Z/2+Z	Z/2	0.19	182	hgfafbcbefgggaabbcvnj
$N7^2_{37}$	5.3318642732	Z/2+Z	Z/2	0.15	187	hgjadbacegfgghkhfnnid
$N7^2_{38}$	5.3318642732	Z/2+Z	Z/2	0.15	188	hgjadbacegfgghkhfrrdx
$N7^2_{39}$	5.3535778451	Z/4+Z	Z/2	0.14	192	hofacbcbefgggaabnggxm

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7^2_{40}$	5.3535778451	Z/2+Z/2+Z	Z/2	0.14	193	hofacbcbefgggaabnjjem
$N7^2_{41}$	5.3541492486	Z/2+Z	Z/2	0.14	194	hgjadabcefgggfhhgccxl
$N7^2_{42}$	5.3541492486	Z/2+Z	Z/2	0.14	195	hgjafabcefgggfhhgvvam
$N7^2_{43}$	5.3810397788	Z/2+Z	Z/2	0.12	200	hokacabcefgggfaqobblp
$N7^2_{44}$	5.3810397788	Z/2+Z	Z/2	0.12	201	hokaeabcefgggfaqorwmi
$N7^2_{45}$	5.4091815107	Z/2+Z	Z/2	0.10	205	hgkafabcefgggfaqgvvam
$N7^2_{46}$	5.4091815107	Z/2+Z	Z/2	0.10	204	hgkafabcefgggfaqgjsim
$N7^2_{47}$	5.4175614912	Z/2+Z/2+Z	Z/2	0.10	208	hokacabcefgggfhqnggem
$N7^2_{48}$	5.4175614912	Z/4+Z	Z/2	0.10	209	hokacabcefgggfhqnjjxm
$N7^2_{49}$	5.4221695986	Z/2+Z/2+Z	Z/2	0.10	211	hgjafabcefgggfhhgjsam
$N7^2_{50}$	5.4221695986	Z/8+Z	Z/2	0.10	212	hgjafabcefgggfhhgvvim
$N7^2_{51}$	5.4309775679	Z/2+Z	Z/2	0.09	216	hokacabcefgggfaqocclp
$N7^2_{52}$	5.4309775679	Z/2+Z	Z/2	0.09	217	hokaeabcefgggfaqovvmi
$N7^2_{53}$	5.4351538807	Z/2+Z	Z/2	0.09	218	hgjafabcefgggbqqbjjsk
$N7^2_{54}$	5.4351538807	Z/2+Z	Z/2	0.09	219	hgjafabcefgggbqqbvcsb
$N7^2_{55}$	5.4417012930	Z/2+Z/2+Z	Z/2	0.08	221	hgkafabcefgggfaqgjsam
$N7^2_{56}$	5.4417012930	Z/4+Z	Z/2	0.08	222	hgkafabcefgggfaqgvvim
$N7^2_{57}$	5.4533132958	Z/2+Z	Z/2	0.08	225	hgjafabcefgggbqqbjjbk
$N7^2_{58}$	5.4533132958	Z/2+Z	Z/2	0.08	226	hgjafabcefgggbqqbvckb
$N7^2_{59}$	5.4551024904	Z/4+Z	Z/2	0.07	227	hgkafabcefgggfhqbcvbj
$N7^2_{60}$	5.4551024904	Z/2+Z/2+Z	Z/2	0.07	228	hgkafabcefgggfhqbssbj
$N7^2_{61}$	5.4613700905	Z/2+Z	Z/2	0.07	230	hokacabcefgggfhqnggxm
$N7^2_{62}$	5.4613700905	Z/2+Z	Z/2	0.07	231	hokacabcefgggfhqnjjem
$N7^2_{63}$	5.4756751809	Z/2+Z	Z/2	0.06	234	hgkafabcefgggfhqbcvnj
$N7^2_{64}$	5.4756751809	Z/2+Z	Z/2	0.06	235	hgkafabcefgggfhqbssbn
$N7^2_{65}$	5.4947188706	Z/10+Z	Z/2	0.37	240	hnfaebcdfegggaaaaxcca
$N7^2_{66}$	5.6296674340	Z/10+Z	Z/2	0.29	274	hjlaeacdfegggfnxdljoa
$N7^2_{67}$	5.6926331289	Z/8+Z	Z/2	0.25	293	hflabaceegfggknalrtxw
$N7^2_{68}$	5.7399105784	Z/2+Z	Z/2	0.40	309	hffafbcdefgggaaaccacv
$N7^2_{69}$	5.7399105784	Z/2+Z	Z/2	0.40	310	hnfaebcdfegggaaaaaacv
$N7^2_{70}$	5.7474494086	Z/2+Z	Z/2	0.21	313	hfjagbadeegfgafbfqneu
$N7^2_{71}$	5.7608960942	Z/10+Z	Z/2	0.21	319	hkoaeacdefgggfkaeirqr
$N7^2_{72}$	5.7923071405	Z/6+Z	Z/2	0.19	330	hhjacbaffefggafcqaemm
$N7^2_{73}$	5.8755853586	Z/4+Z	Z/2	0.13	365	hhkababefefggfhrqhlll
$N7^2_{74}$	5.8877233712	Z/6+Z	Z/2	0.13	374	hhkababffefggfhjqhlpp
$N7^2_{75}$	5.9067415227	Z/2+Z	Z/2	0.30	383	hapajcdedfegguuntjnaf
$N7^2_{76}$	5.9067415227	Z/2+Z	Z/2	0.30	384	hblajcededfggswnsnlaf
$N7^2_{77}$	5.9959239100	Z/2+Z	Z/2	0.24	427	hlkaeabdeffggfanggmgo
$N7^2_{78}$	5.9959239100	Z/2+Z	Z/2	0.24	428	hlkaeabdeffggfanjjmjk
$N7^2_{79}$	6.0176241009	Z/2+Z	Z/2	0.23	438	hfkafabdeffggfhgvvmvg
$N7^2_{80}$	6.0176241009	Z/2+Z	Z/2	0.23	437	hfkafabdeffggfhgjsmjk

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7^2_{81}$	6.0181842056	Z/2+Z	Z/2	0.36	439	hapadcdeegffgdoddqbgn
$N7^2_{82}$	6.0181842056	Z/2+Z	Z/2	0.36	440	hbhadcdeegffgwoccqugn
$N7^2_{83}$	6.0305723295	Z/6+Z	Z/2	0.22	447	hlkaeabdeffggfanggmwf
$N7^2_{84}$	6.0305723295	Z/2+Z	Z/2	0.22	448	hlkaeabdeffggfanjjmok
$N7^2_{85}$	6.0409499662	Z/2+Z	Z/2	0.60	458	hglaccceegfggmfeiswnd
$N7^2_{86}$	6.0563507436	Z/2+Z	trivial	0.55	466	hhdacbcdfgfggqqrwqtrc
$N7^2_{87}$	6.0604829523	Z/2+Z	Z/2	0.58	470	hnfaebcdfegggaaavvcav
$N7^2_{88}$	6.0669922401	Z/2+Z	Z/2	0.75	472	hdlabadfeggfgkxhlmfli
$N7^2_{89}$	6.0669922401	Z/2+Z	Z/2	0.75	473	hdlabadfgegfgkxhdufmt
$N7^2_{90}$	6.0763811940	Z/2+Z	Z/2	0.90	478	hbpabcdfegfggcaxccaca
$N7^2_{91}$	6.0763811940	Z/2+Z	Z/2	0.90	479	hbpabcdfegfggjhxjhjhj
$N7^2_{92}$	6.0776410167	Z/2+Z/2+Z	Z/2	0.33	480	heoajacdeefggfkjsraaf
$N7^2_{93}$	6.0776410167	Z/4+Z	Z/2	0.33	481	heoakacdeefggfkwwkaqo
$N7^2_{94}$	6.0790462563	Z/4+Z	Z/2	0.96	488	hhhaacgegfefgemeumsqw
$N7^2_{95}$	6.0875352470	Z/4+Z	Z/2	0.19	494	hdkafabdeffggfhovvivf
$N7^2_{96}$	6.0875352470	Z/4+Z	Z/2	0.19	493	hdkafabdeffggfhorwirn
$N7^2_{97}$	6.0896496385	Z+Z	D4	0.84	503	hgpaadgffeggfcwavxcvs
$N7^2_{98}$	6.0984588138	Z/2+Z	Z/2	0.18	507	hfkafabdeffggfhgjsmon
$N7^2_{99}$	6.0984588138	Z/2+Z	Z/2	0.18	508	hfkafabdeffggfhgvvmnb
$N7^2_{100}$	6.1317224860	Z/4+Z	Z/2	0.16	518	hdkafabdeffggfhorwigk
$N7^2_{101}$	6.1317224860	Z/12+Z	Z/2	0.16	519	hdkafabdeffggfhovvikf
$N7^2_{102}$	6.1381387891	Z/16+Z	D2	0.77	524	hbpabcdeegfggjhsjeuig
$N7^2_{103}$	6.1381387891	Z/2+Z/2+Z	D2	0.77	526	hbpabeddefgggvacaimbv
$N7^2_{104}$	6.1873347725	Z/2+Z	trivial	1.07	553	hdpaacgdgfgffmdsxbcwd
$N7^2_{105}$	6.2012163927	Z/2+Z/2+Z	Z/2	0.66	557	hdlabadfeggfgfxhlmfli
$N7^2_{106}$	6.2012163927	Z/2+Z/2+Z	Z/2	0.66	558	hdlabadfgegfgfxhdufmt
$N7^2_{107}$	6.2177944921	Z/2+Z	trivial	0.46	565	hhlaaafegegfgfhawlxll
$N7^2_{108}$	6.2180852920	Z/2+Z	Z/2	0.49	566	hjlaeacdfegggfnxcvsoa
$N7^2_{109}$	6.2201589433	Z/2+Z	Z/2	0.24	568	hlkaeabdeffggfanggmgg
$N7^2_{110}$	6.2201589433	Z/2+Z	Z/2	0.24	569	hlkaeabdeffggfanjjmjb
$N7^2_{111}$	6.2215345095	Z/2+Z	Z/2	0.46	573	hnfaebcdfegggaaaccccx
$N7^2_{112}$	6.2330093589	Z/2+Z/6+Z	Z/2	0.23	575	hlkaeabdeffggfanggmwk
$N7^2_{113}$	6.2330093589	Z/4+Z	Z/2	0.23	576	hlkaeabdeffggfanjjmof
$N7^2_{114}$	6.2537092813	Z/2+Z	Z/2	0.63	583	hnlaaccffegfgdkxsjwpl
$N7^2_{115}$	6.2615803175	Z/2+Z/2+Z	Z/2	0.22	584	hfkafabdeffggfhgjsmjf
$N7^2_{116}$	6.2615803175	Z/8+Z	Z/2	0.22	585	hfkafabdeffggfhgvvmvf
$N7^2_{117}$	6.2644613304	Z/2+Z/4+Z	D2	0.73	595	hpdaabcgffgfgaaqcxvqx
$N7^2_{118}$	6.2644613304	Z/2+Z+Z	D4	0.73	591	hpdaabceefgggaafqxxfq
$N7^2_{119}$	6.2909106028	Z/2+Z	Z/2	0.20	613	hfkafabdeffggfhgjsmob
$N7^2_{120}$	6.2909106028	Z/2+Z	Z/2	0.20	614	hfkafabdeffggfhgvvmnn
$N7^2_{121}$	6.3013449190	Z/4+Z	Z/2	0.41	619	hbpabeedfefggxjcxxigb

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7^2_{122}$	6.3054436380	Z/6+Z	Z/2	0.80	622	hdlabadfeggfgkxhudfgw
$N7^2_{123}$	6.3054436380	Z/2+Z	Z/2	0.80	623	hdlabadfgegfgkxhmlfgw
$N7^2_{124}$	6.3090903924	Z/6+Z	Z/2	0.62	626	hhlaaafegfeggfhawiutd
$N7^2_{125}$	6.3090903924	Z/2+Z	Z/2	0.62	627	hhlaaafegfeggfhawplpl
$N7^2_{126}$	6.3169824809	Z/2+Z	Z/2	0.18	631	hdkafabdeffggfhorwirb
$N7^2_{127}$	6.3169824809	Z/2+Z	Z/2	0.18	632	hdkafabdeffggfhovvivg
$N7^2_{128}$	6.3318623259	Z/4+Z	Z/2	0.41	640	hbpabfedfggegtnvuxvnt
$N7^2_{129}$	6.3332299989	Z/6+Z	Z/2	0.17	641	hlkaeabdeffggfhobbpwf
$N7^2_{130}$	6.3332299989	Z/2+Z	Z/2	0.17	642	hlkaeabdeffggfhoccpnk
$N7^2_{131}$	6.3342702586	Z/2+Z	trivial	1.17	644	hdhabcfefegggvcxcaxac
$N7^2_{132}$	6.3342702586	Z/2+Z	trivial	1.09	645	hlhaabegfgffgrxjrjmae
$N7^2_{133}$	6.3517002343	Z/2+Z	Z/2	0.38	649	hkoaeacdefgggfkakkrxr
$N7^2_{134}$	6.3545865572	Z/2+Z/4+Z	D2	0.61	652	hpdaabcegffggaafkxnxf
$N7^2_{135}$	6.3545865572	Z/2+Z/4+Z	D2	0.61	654	hpdaabceggffgaafkqnqf
$N7^2_{136}$	6.3591951598	Z/4+Z	Z/2	1.23	665	hbpabcedgffggcemekvsl
$N7^2_{137}$	6.3591951598	Z/4+Z	trivial	1.05	666	hdhaecdfeefggcjlcinld
$N7^2_{138}$	6.3913914548	Z/2+Z	Z/2	1.34	673	hbpabcfdgegfgxaxaaxcc
$N7^2_{139}$	6.3913914548	Z/4+Z	D2	0.57	674	hpdaabcdfgeggaaicvtel
$N7^2_{140}$	6.3913914548	Z/12+Z	D2	0.57	677	hpdaabcffgggfaaiclvtm
$N7^2_{141}$	6.3913914548	Z/4+Z	Z/2	0.57	675	hpdaabcedffggaafdmpfu
$N7^2_{142}$	6.3916758212	Z/2+Z	Z/2	1.74	681	hdlabbefggfgfcxaxcxcc
$N7^2_{143}$	6.3916758212	Z/2+Z	Z/2	1.43	682	hdpaadfegegfghxhhhxjs
$N7^2_{144}$	6.3916758212	Z/2+Z	Z/2	1.35	683	hfhacbcdffgggsxxswxsd
$N7^2_{145}$	6.3916758212	Z/2+Z	Z/2	0.79	679	hbpabddeggffgngsjbbut
$N7^2_{146}$	6.3916758212	Z/2+Z	Z/2	0.79	680	hbpabeedfgfggbfcwcimb
$N7^2_{147}$	6.4001951774	Z/2+Z	Z/2	1.40	686	hdpaafffggeegccxxxvcx
$N7^2_{148}$	6.4001951774	Z/2+Z	Z/2	0.76	685	hcpaecfddfgggfgfuxtvu
$N7^2_{149}$	6.4001951774	Z/2+Z	Z/2	0.76	687	hohaaccegfggfcdxeqndd
$N7^2_{150}$	6.4014457810	Z/2+Z	trivial	0.35	688	hfhaicdfedfggwoxjowwd
$N7^2_{151}$	6.4052388887	Z/2+Z	Z/2	1.03	690	hfpaaceggffgfcejbaxxo
$N7^2_{152}$	6.4083221953	Z/4+Z	trivial	0.35	691	hfhaecdfedfggcodcgcci
$N7^2_{153}$	6.4131701422	Z/2+Z	Z/2	0.36	694	hkoaeacdefgggfkaccrxr
$N7^2_{154}$	6.4277492450	Z/2+Z	Z/2	0.84	700	hjhaedbeffgfgeexidvfe
$N7^2_{155}$	6.4773940638	Z/2+Z/2+Z	trivial	1.16	727	hcpabcdegffggdtdvsilt
$N7^2_{156}$	6.4808338231	Z+Z	D4	0.58	730	hnnaabcggeffgmgtwrsha
$N7^2_{157}$	6.4884689842	Z/12+Z	Z/2	0.68	735	hdhabdeeffgggcuxusaet
$N7^2_{158}$	6.4884689842	Z/4+Z	Z/2	0.68	736	hdpaadffggegfxxdiaavj
$N7^2_{159}$	6.5004805931	Z/6+Z	Z/2	0.84	742	hbhadbcedgfgglfkuhxhx
$N7^2_{160}$	6.5048056108	Z/8+Z	Z/2	0.74	745	hhnaabdgeefgghkjpdgsh
$N7^2_{161}$	6.5048056108	Z/2+Z/2+Z	Z/2	0.74	746	hhnaabdgeefgghkspdgsx
$N7^2_{162}$	6.5150091026	Z/2+Z	trivial	0.28	749	hgoaeacfeffggfkswflwd

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7^2_{163}$	6.5258402165	Z/4+Z	Z/2	0.94	751	hbpacdeffgeggmmxluefb
$N7^2_{164}$	6.5276899199	Z/2+Z	Z/2	0.63	753	hhlaaafegefggfhawkind
$N7^2_{165}$	6.5276899199	Z/2+Z	Z/2	0.63	754	hhlaaafegefggfhawkpnl
$N7^2_{166}$	6.5358030853	Z/2+Z	Z/2	0.66	755	hdfagbcdeegggaankbmtg
$N7^2_{167}$	6.5358030853	Z/2+Z	Z/2	0.66	756	hdfagbcedefggaacvbdgl
$N7^2_{168}$	6.5389707686	Z/2+Z/2+Z	D2	0.52	758	hnlaaacffegggfnwqtfqi
$N7^2_{169}$	6.5593358827	Z/2+Z/2+Z	D2	0.48	774	hnnaabcgfffggmgtdbskq
$N7^2_{170}$	6.5593358827	Z/16+Z	D2	0.48	776	hnnaabcggeffgmgtwqshg
$N7^2_{171}$	6.5645051278	Z/2+Z	Z/2	0.47	780	hnlaabcggeffgiouwkwii
$N7^2_{172}$	6.6010633374	Z/2+Z/2+Z	Z/2	1.24	787	hdpaacgdeffggcpxxdwsk
$N7^2_{173}$	6.6010633374	Z/2+Z/2+Z	Z/2	1.03	788	hjpaaccgfegfgcxsagcfw
$N7^2_{174}$	6.6087770197	Z/12+Z	D2	0.43	791	hnlaaacfdggfgfnwefltm
$N7^2_{175}$	6.6087770197	Z/2+Z/4+Z	D2	0.43	792	hnlaaacfefgfgfnwluftu
$N7^2_{176}$	6.6239421972	Z/2+Z	Z/2	0.57	797	hhlaaafegefggfhawlopf
$N7^2_{177}$	6.6239421972	Z/2+Z	Z/2	0.57	798	hhlaaafegefggfhawuotf
$N7^2_{178}$	6.6346225906	Z/2+Z	Z/2	0.96	801	hdlaebeefegggqxldurwq
$N7^2_{179}$	6.6393061049	Z/2+Z/2+Z	Z/2	0.77	802	hghacdcfffgggkbknjsmt
$N7^2_{180}$	6.6449064435	Z/2+Z	trivial	1.20	804	hdhabcddeffggwwwxslxt
$N7^2_{181}$	6.6650234417	Z/4+Z	trivial	1.46	812	hdhabdcffefggvxcvjdpm
$N7^2_{182}$	6.6662208044	Z/2+Z/2+Z	Z/2	0.87	817	hbpabfddefgggfacawuru
$N7^2_{183}$	6.6801393889	Z/2+Z	trivial	0.75	821	hhlaaacgegffgllwqmlse
$N7^2_{184}$	6.7086871959	Z/2+Z	Z/2	1.06	826	hbpabfefdegggeixwxwqu
$N7^2_{185}$	6.7086871959	Z/2+Z	Z/2	1.06	827	hdpaacfgefggfsxhxjjhj
$N7^2_{186}$	6.7374804529	Z/2+Z	Z/2	0.71	833	hlhaacdfffgegnhtplwel
$N7^2_{187}$	6.7485969593	Z/2+Z	Z/2	0.63	837	hpdaabcfgefggaavcacca
$N7^2_{188}$	6.7485969593	Z/2+Z	Z/2	0.63	838	hpdaabcfggffgaavcaacc
$N7^2_{189}$	6.7491017307	Z/2+Z	Z/2	0.53	839	hblafccedegggdkotsiao
$N7^2_{190}$	6.7491017307	Z/2+Z	Z/2	0.53	840	helafcdceefggdeksalxl
$N7^2_{191}$	6.7666168765	Z/10+Z	Z/2	0.67	844	hddadbcedgfggaacvxaax
$N7^2_{192}$	6.7675163727	Z/6+Z	Z/2	1.08	845	hjhaiccdffeggqmkrjeoe
$N7^2_{193}$	6.7974006905	Z/2+Z	Z/2	0.59	851	honaabcfefggglkearres
$N7^2_{194}$	6.7974006905	Z/2+Z	Z/2	0.59	852	honaabcfeggfglkeabrps
$N7^2_{195}$	6.8160306901	Z/2+Z/6+Z	Z/2	0.90	856	hjpaadfceefggfmepelwe
$N7^2_{196}$	6.8224021398	Z/2+Z	trivial	0.89	857	hfhabdefdgfggsefkgett
$N7^2_{197}$	6.8338140512	Z/10+Z	Z/2	0.65	859	hcladbcdegfggpnioxaax
$N7^2_{198}$	6.8532478498	Z/4+Z	Z/2	0.72	862	hgnabbdegfgfgmwebtppi
$N7^2_{199}$	6.8780511996	Z/2+Z	trivial	0.88	865	hbpacfeedggfgeefpnpmh
$N7^2_{200}$	6.9468697427	Z/8+Z	Z/2	0.86	870	hbpaecdefegggxjspxikg
$N7^2_{201}$	6.9468697427	Z/2+Z/2+Z	Z/2	0.86	871	hbpaeededfggghjshpikg
$N7^2_{202}$	6.9627200116	Z/2+Z	Z/2	1.23	872	hjpaaccegffggfofhvhcw
$N7^2_{203}$	6.9698428401	Z/8+Z	Z/2	1.63	877	hdhacceefegggwccftjsh

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7^2_{204}$	6.9698428401	Z/4+Z	trivial	1.41	873	hbpabcdeggffgxfxopwqo
$N7^2_{205}$	6.9698428401	Z/2+Z/2+Z	Z/2	0.99	874	hdhacceefegggffrvtjsh
$N7^2_{206}$	6.9698428401	Z/2+Z/2+Z	trivial	0.88	879	hfhabbdcgfggfnjenwuxe
$N7^2_{207}$	6.9698428401	Z/2+Z/2+Z	Z/2	0.83	883	hhlaabfgfefggl urpdewq
$N7^2_{208}$	6.9698428401	Z/8+Z	Z/2	0.83	884	hhlaabfgfefggluwpdewx
$N7^3_{1}$	6.3545865572	Z/2+Z/8+Z	D2	0.61	657	hpdaabcffgggfaaxcrvxr
$N7^3_{2}$	6.3545865572	Z/2+Z/4+Z	D2	0.61	659	hpdaabcgffgfgaafcxvox
$N7^3_{3}$	6.5517432879	Z/2+Z/2+Z	D2	0.50	766	hnlaaacffegggfnwqvfqc
$N7^3_{4}$	6.5517432879	Z/2+Z/10+Z	D2	0.50	771	hnlaaacfgfgfgfnwnqfnq
$N7^3_{5}$	6.6650234417	Z/2+Z/2+Z	trivial	1.69	815	hlnaabdfefgfgcsrxxacm
$N7^3_{6}$	6.6650234417	Z/2+Z/2+Z	trivial	1.08	813	hjpaaccgfegfgcxsamcdw
$N7^{0,1}_{1}$	5.4947188706	Z+Z	Z/2	0.37	239	hnfaebcdefgggaaahqkxn
$N7^{0,1}_{2}$	5.4973523057	Z+Z	Z/2	0.37	241	hdlaeaffefgggffhaegpc
$N7^{0,1}_{3}$	5.5479389869	Z+Z	Z/2	0.34	245	hdlaeaefeegggfnhamgol
$N7^{0,1}_{4}$	5.5736091128	Z+Z	D2	1.00	253	hbpacfdfegfggkdxcwmdg
$N7^{0,1}_{5}$	5.5736091128	Z/2+Z+Z	D2	1.00	255	hdpaacfegfgfgvoixiksp
$N7^{0,1}_{6}$	5.5736091128	Z+Z	D2	0.89	257	hdpaaeffdgfggqbgkxtge
$N7^{0,1}_{7}$	5.6296674340	Z+Z	Z/2	0.29	273	hblafacdefgggfnxjgodv
$N7^{0,1}_{8}$	5.6926331289	Z+Z	Z/2	0.25	292	hblafacdefgggknbagomv
$N7^{0,1}_{9}$	5.7608960942	Z+Z	Z/2	0.21	318	hcoafacdefgggfkabobcp
$N7^{0,1}_{10}$	5.8009741259	Z+Z	Z/2	0.86	336	hdpaaedffgfggqnfoxetb
$N7^{0,1}_{11}$	5.9358461873	Z+Z	trivial	1.05	395	hfpaaeggfefgfdspbdpbs
$N7^{0,1}_{12}$	6.0896496385	Z/2+Z+Z	trivial	1.05	496	hepabcefefggghdsdmtlf
$N7^{0,1}_{13}$	6.0896496385	Z+Z	D2	0.84	500	hepacdefegfggcurmsktu
$N7^{0,1}_{14}$	6.0896496385	Z+Z	Z/2	0.55	505	hpdaabceefgggbbhwaawh
$N7^{0,1}_{15}$	6.3916758212	Z+Z	Z/2	0.94	684	hllaacdfeegggkhuslwin
$N7^{0,1}_{16}$	6.5004805931	Z+Z	Z/2	0.84	743	hehadbdcegfgglqfbvkqa
$N7^{0,1}_{17}$	6.6010633374	Z/2+Z+Z	Z/2	1.03	789	hkpaaedgegffgetbokhwi
$N7^{0,1}_{18}$	6.7666168765	Z+Z	Z/2	0.67	843	hddadbcdegfggaaknxahq
$N7^{0,1}_{19}$	6.8338140512	Z+Z	Z/2	0.65	858	hchaddccegfggkhqabebf
$N7^{1,1}_{1}$	6.0896496385	Z+Z	D2	0.84	502	hgpaadeffgeggcuavvavt
$N7^{1,1}_{2}$	6.1381387891	Z+Z	D2	0.77	525	hbpabeddefgggacccimbu
$N7^{1,1}_{3}$	6.1381387891	Z+Z	D2	0.77	527	hbpabfddefgggl acaipmb
$N7^{1,1}_{4}$	6.2391962265	Z+Z	Z/2	0.74	579	hgpaacefeggfgbqbssrxc
$N7^{1,1}_{5}$	6.2644613304	Z/2+Z+Z	D2	0.73	594	hpdaabcegffggaafqxqxf
$N7^{1,1}_{6}$	6.3545865572	Z/4+Z+Z	D2	0.61	650	hpdaabceefgggaafkxxfk
$N7^{1,1}_{7}$	6.3545865572	Z/2+Z+Z	D2	0.61	655	hpdaabceggffgaafqrqrf
$N7^{1,1}_{10}$	6.3545865572	Z/2+Z+Z	D2	0.61	662	hpdaabcgfggffaafcqvoq
$N7^{1,1}_{11}$	6.3545865572	Z/2+Z+Z	D2	0.61	663	hpdaabcgfggffaaqcrvqr
$N7^{1,1}_{8}$	6.3545865572	Z+Z	Z/2	0.61	660	hpdaabcgfggffaadcrvir
$N7^{1,1}_{9}$	6.3545865572	Z+Z	Z/2	0.61	661	hpdaabcgfggffaafcmvoe

Name	Volume	Homology	Symmetry	SG	OC	Dehydrated
$N7^{1,1}_{12}$	6.4248952571	Z+Z	trivial	0.95	698	hdhacdfeegfggeexlsxhg
$N7^{1,1}_{13}$	6.4570287088	Z+Z	trivial	0.96	715	hdnacbdfeefggafvclacl
$N7^{1,1}_{14}$	6.4808338231	Z+Z	D2	0.58	731	hnnaabcggfffgmgtwbshq
$N7^{1,1}_{15}$	6.4884689842	Z+Z	trivial	0.95	740	hlhaabffeggfgixixmelt
$N7^{1,1}_{16}$	6.5517432879	Z+Z	D2	0.50	765	hnlaaacffegggfnwktfki
$N7^{1,1}_{17}$	6.5517432879	Z+Z	D2	0.50	768	hnlaaacfgegfgfnwntfni
$N7^{1,1}_{18}$	6.5517432879	Z+Z	Z/2	0.50	767	hnlaaacfgegfgfnwmvfpc
$N7^{1,1}_{19}$	6.5517432879	Z+Z	Z/2	0.50	769	hnlaaacfgegfgfnwnufnd
$N7^{1,1}_{20}$	6.5593358827	Z+Z	D2	0.48	778	hnnaabcggfffgmgtubsnq
$N7^{1,1}_{21}$	6.5593358827	Z/3+Z+Z	D2	0.48	779	hnnaabcggfffgmgtwashr
$N7^{1,1}_{22}$	6.5830064828	Z+Z	Z/2	0.49	785	hhlaaafegggfffhawkoah
$N7^{1,1}_{23}$	6.6662208044	Z+Z	Z/2	0.87	816	hbpabcfeeggfghbshkmtk
$N7^{1,1}_{24}$	6.7098796205	Z+Z	Z/2	0.41	828	helagadceegggfknnwler
$N7^{1,1}_{25}$	6.7485374397	Z+Z	Z/2	0.38	836	helafacdeegggffofrwdt
$N7^{1,1}_{26}$	6.8572184073	Z+Z	Z/2	0.31	863	heoagacdeegggfkknfmop
$N7^{1,1}_{27}$	6.9083761991	Z+Z	trivial	0.71	868	hghacbdfefgggudetcsno
$N7^{1,1}_{28}$	6.9394776525	Z+Z	Z/2	1.11	869	hjpaaedgdfgfghflxflfw
$N7^{1,1}_{29}$	6.9698428401	Z+Z	Z/2	1.65	881	hhlaabfgfefggeurxdewq
$N7^{1,1}_{30}$	6.9698428401	Z+Z	Z/2	1.05	880	hghacbcfeegggmghxmgld
$N7^{1,1}_{31}$	6.9698428401	Z+Z	Z/2	0.99	875	hdhacceefegggffrvtssx
$N7^{2,1}_{1}$	6.3913914548	Z/2+Z+Z	D2	0.57	676	hpdaabcefegggaaeclvel
$N7^{2,1}_{2}$	6.3913914548	Z/2+Z+Z	D2	0.57	678	hpdaabcgfggffaaeclvpm
$N7^{2,1}_{3}$	6.6087770197	Z/2+Z+Z	D2	0.43	793	hnlaaacfeggfgfnwldftm
$N7^{2,1}_{4}$	6.6087770197	Z/2+Z+Z	D2	0.43	794	hnlaaacfgegfgfnwdlftm
$N7^{2,1}_{5}$	6.9698428401	Z/2+Z+Z	Z/2	1.80	885	hhlaabfgfefggrurrdewq
$N7^{2,1}_{6}$	6.9698428401	Z/2+Z+Z	Z/2	1.55	878	hdhaccefeegggddlxtjsh