Lens spaces: $L_{13,1}$ $L_{23,2}$ $L_{31,3}$ $L_{32,3}$ $L_{37,4}$ $L_{39,4}$ $L_{40,19}$ $L_{41,5}$ $L_{43,6}$ $L_{44,5}$ $L_{47,5}$ $L_{47,6}$ $L_{48,5}$ $L_{48,7}$ $L_{53,17}$ $L_{55,19}$ $L_{58,7}$ $L_{59,7}$ $L_{60,7}$ $L_{61,7}$ $L_{62,15}$ $L_{65,9}$ $L_{66,17}$ $L_{67,8}$ $L_{67,9}$ $L_{67,13}$ $L_{68,9}$ $L_{68,11}$ $L_{69,8}$ $L_{69,22}$ $L_{70,9}$ $L_{71,11}$ $L_{72,11}$ $L_{72,23}$ $L_{73,10}$ $L_{73,15}$ $L_{75,11}$ $L_{75,26}$ $L_{76,13}$ $L_{77,10}$ $L_{79,19}$ $L_{79,32}$ $L_{80,11}$ $L_{81,11}$ $L_{81,13}$ $L_{81,32}$ $L_{82,13}$ $L_{83,16}$ $L_{83,20}$ $L_{84,11}$ $L_{85,11}$ $L_{85,16}$ $L_{85,22}$ $L_{87,13}$ $L_{87,14}$ $L_{88,13}$ $L_{88,17}$ $L_{88,21}$ $L_{89,12}$ $L_{89,14}$ $L_{89,17}$ $L_{89,23}$ $L_{91,12}$ $L_{91,16}$ $L_{92,19}$ $L_{93,14}$ $L_{93,16}$ $L_{94,15}$ $L_{95,14}$ $L_{95,41}$ $L_{96,13}$ $L_{96,17}$ $L_{96,23}$ $L_{97,20}$ $L_{97,28}$ $L_{98,17}$ $L_{99,13}$ $L_{99,17}$ $L_{99,19}$ $L_{99,28}$ $L_{100,19}$ $L_{101,15}$ $L_{101,21}$ $L_{101,32}$ $L_{101,43}$ $L_{103,16}$ $L_{103,46}$ $L_{104,27}$ $L_{104,33}$ $L_{105,16}$ $L_{106,37}$ $L_{107,17}$ $L_{107,24}$ $L_{109,17}$ $L_{109,19}$ $L_{109,20}$ $L_{109,24}$ $L_{109,38}$ $L_{110,19}$ $L_{110,41}$ $L_{111,20}$ $L_{111,23}$ $L_{112,17}$ $L_{113,18}$ $L_{113,27}$ $L_{113,50}$ $L_{114,17}$ $L_{114,43}$ $L_{115,18}$ $L_{115,22}$ $L_{115,24}$ $L_{116,35}$ $L_{117,28}$ $L_{117,53}$ $L_{118,37}$ $L_{119,18}$ $L_{119,22}$ $L_{120,23}$ $L_{121,18}$ $L_{121,19}$ $L_{121,35}$ $L_{122,19}$ $L_{122,23}$ $L_{123,22}$ $L_{123,32}$ $L_{123,38}$ $L_{124,23}$ $L_{124,35}$ $L_{124,37}$ $L_{125,19}$ $L_{125,23}$ $L_{125,29}$ $L_{125,44}$ $L_{126,19}$ $L_{127,22}$ $L_{127,24}$ $L_{127,30}$ $L_{127,33}$ $L_{127,40}$ $L_{127,46}$ $L_{128,23}$ $L_{128,37}$ $L_{129,23}$ $L_{129,29}$ $L_{129,35}$ $L_{130,27}$ $L_{131,23}$ $L_{131,31}$ $L_{131,37}$ $L_{132,25}$ $L_{132,29}$ $L_{132,47}$ $L_{133,23}$ $L_{133,30}$ $L_{134,21}$ $L_{134,25}$ $L_{134,47}$ $L_{135,28}$ $L_{135,31}$ $L_{135,32}$ $L_{135,37}$ $L_{136,25}$ $L_{136,29}$ $L_{137,24}$ $L_{137,26}$ $L_{137,30}$ $L_{137,42}$ $L_{137,43}$ $L_{137,50}$ $L_{138,31}$ $L_{138,43}$ $L_{139,21}$ $L_{139,25}$ $L_{139,33}$ $L_{139,42}$ $L_{141,25}$ $L_{141,26}$ $L_{141,31}$ $L_{141,37}$ $L_{142,33}$ $L_{142,59}$ $L_{143,25}$ $L_{143,27}$ $L_{143,30}$ $L_{143,38}$ $L_{143,45}$ $L_{144,31}$ $L_{145,26}$ $L_{145,27}$ $L_{145,34}$ $L_{145,38}$ $L_{145,51}$ $L_{145,59}$ $L_{146,31}$ $L_{146,61}$ $L_{147,52}$ $L_{148,31}$ $L_{148,35}$ $L_{148,53}$ $L_{149,26}$ $L_{149,39}$ $L_{149,45}$ $L_{150,59}$ $L_{151,32}$ $L_{151,34}$ $L_{151,45}$ $L_{151,53}$ $L_{152,27}$ $L_{152,47}$ $L_{153,29}$ $L_{153,32}$ $L_{153,35}$ $L_{153,40}$ $L_{153,59}$ $L_{154,27}$ $L_{155,33}$ $L_{155,34}$ $L_{155,36}$ $L_{155,42}$ $L_{155,61}$ $L_{156,29}$ $L_{156,37}$ $L_{157,29}$ $L_{157,36}$ $L_{157,42}$ $L_{158,33}$ $L_{158,37}$ $L_{158,69}$ $L_{159,37}$ $L_{159,61}$ $L_{160,49}$ $L_{161,30}$ $L_{161,34}$ $L_{161,48}$ $L_{162,29}$ $L_{162,35}$ $L_{162,43}$ $L_{162,71}$ $L_{163,29}$ $L_{163,43}$ $L_{163,58}$ $L_{163,67}$ $L_{164,43}$ $L_{164,45}$ $L_{164,67}$ $L_{166,29}$ $L_{166,45}$ $L_{167,31}$ $L_{167,35}$ $L_{167,36}$ $L_{167,49}$ $L_{167,52}$ $L_{168,31}$ $L_{169,30}$ $L_{169,36}$ $L_{169,49}$ $L_{170,39}$ $L_{171,37}$ $L_{171,40}$ $L_{171,53}$ $L_{171,67}$ $L_{172,39}$ $L_{172,45}$ $L_{172,67}$ $L_{173,31}$ $L_{173,39}$ $L_{173,51}$ $L_{173,53}$ $L_{174,31}$ $L_{174,37}$ $L_{174,49}$ $L_{175,37}$ $L_{175,41}$ $L_{175,48}$ $L_{175,76}$ $L_{176,41}$ $L_{176,49}$ $L_{176,51}$ $L_{177,37}$ $L_{177,47}$ $L_{177,55}$ $L_{177,73}$ $L_{178,39}$ $L_{178,47}$ $L_{178,63}$ $L_{179,39}$ $L_{179,41}$ $L_{179,73}$ $L_{180,41}$ $L_{181,39}$ $L_{181,41}$ $L_{181,48}$ $L_{181,51}$ $L_{181,55}$ $L_{182,41}$ $L_{182,53}$ $L_{183,34}$ $L_{183,49}$ $L_{183,65}$ $L_{184,43}$ $L_{184,51}$ $L_{184,57}$ $L_{185,56}$ $L_{185,78}$ $L_{186,73}$ $L_{187,41}$ $L_{187,57}$ $L_{187,67}$ $L_{187,69}$ $L_{188,41}$ $L_{188,73}$ $L_{188,77}$ $L_{189,40}$ $L_{189,41}$ $L_{189,44}$ $L_{189,53}$ $L_{189,55}$ $L_{189,67}$ $L_{190,41}$ $L_{190,43}$ $L_{191,34}$ $L_{191,56}$ $L_{191,71}$ $L_{193,41}$ $L_{193,44}$ $L_{193,51}$ $L_{193,60}$ $L_{193,71}$ $L_{193,84}$ $L_{194,41}$ $L_{195,59}$ $L_{195,82}$ $L_{196,55}$ $L_{196,83}$ $L_{197,43}$ $L_{197,52}$ $L_{197,70}$ $L_{197,71}$ $L_{197,77}$ $L_{198,53}$ $L_{199,45}$ $L_{199,74}$ $L_{200,53}$ $L_{200,59}$ $L_{201,46}$ $L_{201,47}$ $L_{201,56}$ $L_{201,76}$ $L_{202,59}$ $L_{202,73}$ $L_{203,43}$ $L_{203,44}$ $L_{203,46}$ $L_{203,57}$ $L_{203,59}$ $L_{203,73}$ $L_{204,55}$ $L_{205,61}$ $L_{205,76}$ $L_{205,78}$ $L_{206,45}$ $L_{206,47}$ $L_{206,63}$ $L_{206,73}$ $L_{207,44}$ $L_{207,56}$ $L_{207,91}$ $L_{208,55}$ $L_{208,61}$ $L_{209,56}$ $L_{209,62}$ $L_{209,79}$ $L_{210,59}$ $L_{211,46}$ $L_{211,59}$ $L_{211,64}$ $L_{212,57}$ $L_{213,46}$ $L_{213,59}$ $L_{213,62}$ $L_{213,77}$ $L_{214,49}$ $L_{214,65}$ $L_{215,49}$ $L_{215,57}$ $L_{215,58}$ $L_{215,64}$ $L_{215,82}$ $L_{217,47}$ $L_{217,64}$ $L_{217,92}$ $L_{218,59}$ $L_{219,50}$ $L_{219,61}$ $L_{219,64}$ $L_{219,67}$ $L_{219,83}$ $L_{220,93}$ $L_{221,50}$ $L_{221,62}$ $L_{222,47}$ $L_{222,61}$ $L_{223,66}$

$L_{223,68}$ $L_{223,80}$ $L_{225,62}$ $L_{226,49}$ $L_{226,61}$ $L_{226,69}$ $L_{227,49}$ $L_{227,60}$ $L_{227,61}$ $L_{227,66}$
$L_{227,83}$ $L_{227,84}$ $L_{227,94}$ $L_{229,50}$ $L_{229,64}$ $L_{229,85}$ $L_{229,94}$ $L_{230,83}$ $L_{231,50}$ $L_{231,64}$
$L_{232,85}$ $L_{233,64}$ $L_{233,84}$ $L_{234,71}$ $L_{235,63}$ $L_{235,66}$ $L_{236,65}$ $L_{237,64}$ $L_{237,85}$ $L_{237,98}$
$L_{238,87}$ $L_{239,66}$ $L_{239,70}$ $L_{239,71}$ $L_{239,98}$ $L_{240,71}$ $L_{240,89}$ $L_{241,55}$ $L_{241,65}$ $L_{241,94}$
$L_{241,101}$ $L_{242,65}$ $L_{242,87}$ $L_{243,71}$ $L_{243,92}$ $L_{243,94}$ $L_{245,88}$ $L_{245,93}$ $L_{246,73}$ $L_{246,95}$
$L_{247,68}$ $L_{248,91}$ $L_{249,76}$ $L_{250,67}$ $L_{251,70}$ $L_{251,98}$ $L_{253,68}$ $L_{253,74}$ $L_{253,98}$ $L_{254,55}$
$L_{254,71}$ $L_{254,75}$ $L_{255,92}$ $L_{255,107}$ $L_{256,75}$ $L_{256,95}$ $L_{257,69}$ $L_{257,71}$ $L_{258,71}$ $L_{259,100}$
$L_{261,100}$ $L_{263,71}$ $L_{263,109}$ $L_{264,101}$ $L_{264,109}$ $L_{265,73}$ $L_{265,74}$ $L_{265,97}$ $L_{266,79}$ $L_{267,79}$
$L_{268,99}$ $L_{269,75}$ $L_{270,97}$ $L_{271,75}$ $L_{271,80}$ $L_{272,103}$ $L_{273,100}$ $L_{274,81}$ $L_{274,105}$ $L_{275,76}$
$L_{277,81}$ $L_{277,116}$ $L_{280,107}$ $L_{281,109}$ $L_{282,109}$ $L_{283,76}$ $L_{283,104}$ $L_{284,105}$ $L_{286,79}$ $L_{287,79}$
$L_{287,106}$ $L_{288,119}$ $L_{289,80}$ $L_{290,81}$ $L_{292,111}$ $L_{293,81}$ $L_{295,108}$ $L_{297,109}$ $L_{299,116}$ $L_{301,89}$
$L_{302,111}$ $L_{303,116}$ $L_{305,112}$ $L_{307,119}$ $L_{308,117}$ $L_{311,115}$ $L_{312,131}$ $L_{313,119}$ $L_{317,121}$
$L_{322,89}$ $L_{335,123}$ $L_{337,128}$ $L_{338,129}$ $L_{343,131}$ $L_{377,144}$

Seifert spaces over S^2:

N	fibers	b	geometry
529	$(2,1)(2,1)(2,1)$	6	other elliptic
530	$(2,1)(2,1)(3,1)$	5	other elliptic
531	$(2,1)(2,1)(3,2)$	5	other elliptic
532	$(2,1)(2,1)(4,1)$	4	other elliptic
533	$(2,1)(2,1)(4,3)$	4	other elliptic
534	$(2,1)(2,1)(5,1)$	3	other elliptic
535	$(2,1)(2,1)(5,2)$	4	other elliptic
536	$(2,1)(2,1)(5,3)$	4	other elliptic
537	$(2,1)(2,1)(5,4)$	3	other elliptic
538	$(2,1)(2,1)(6,1)$	2	other elliptic
539	$(2,1)(2,1)(6,5)$	2	other elliptic
540	$(2,1)(2,1)(7,1)$	1	other elliptic
541	$(2,1)(2,1)(7,2)$	3	other elliptic
542	$(2,1)(2,1)(7,3)$	3	other elliptic
543	$(2,1)(2,1)(7,4)$	3	other elliptic
544	$(2,1)(2,1)(7,5)$	3	other elliptic
545	$(2,1)(2,1)(7,6)$	1	other elliptic
546	$(2,1)(2,1)(8,1)$	0	other elliptic
547	$(2,1)(2,1)(8,3)$	3	other elliptic
548	$(2,1)(2,1)(8,5)$	3	other elliptic
549	$(2,1)(2,1)(8,7)$	0	other elliptic
550	$(2,1)(2,1)(9,2)$	2	other elliptic
551	$(2,1)(2,1)(9,4)$	2	other elliptic
552	$(2,1)(2,1)(9,5)$	2	other elliptic
553	$(2,1)(2,1)(9,7)$	2	other elliptic
554	$(2,1)(2,1)(9,8)$	-1	other elliptic
555	$(2,1)(2,1)(10,3)$	2	other elliptic
556	$(2,1)(2,1)(10,7)$	2	other elliptic
557	$(2,1)(2,1)(11,2)$	1	other elliptic
558	$(2,1)(2,1)(11,3)$	2	other elliptic
559	$(2,1)(2,1)(11,4)$	2	other elliptic
560	$(2,1)(2,1)(11,5)$	1	other elliptic
561	$(2,1)(2,1)(11,6)$	1	other elliptic
562	$(2,1)(2,1)(11,7)$	2	other elliptic
563	$(2,1)(2,1)(11,8)$	2	other elliptic

N	fibers	b	geometry
564	$(2,1)(2,1)(11,9)$	1	other elliptic
565	$(2,1)(2,1)(12,5)$	2	other elliptic
566	$(2,1)(2,1)(12,7)$	2	other elliptic
567	$(2,1)(2,1)(13,2)$	0	other elliptic
568	$(2,1)(2,1)(13,3)$	1	other elliptic
569	$(2,1)(2,1)(13,4)$	1	other elliptic
570	$(2,1)(2,1)(13,5)$	2	other elliptic
571	$(2,1)(2,1)(13,6)$	0	other elliptic
572	$(2,1)(2,1)(13,7)$	0	other elliptic
573	$(2,1)(2,1)(13,8)$	2	other elliptic
574	$(2,1)(2,1)(13,9)$	1	other elliptic
575	$(2,1)(2,1)(13,10)$	1	other elliptic
576	$(2,1)(2,1)(13,11)$	0	other elliptic
577	$(2,1)(2,1)(14,3)$	1	other elliptic
578	$(2,1)(2,1)(14,5)$	1	other elliptic
579	$(2,1)(2,1)(14,9)$	1	other elliptic
580	$(2,1)(2,1)(14,11)$	1	other elliptic
581	$(2,1)(2,1)(15,2)$	-1	other elliptic
582	$(2,1)(2,1)(15,4)$	1	other elliptic
583	$(2,1)(2,1)(15,7)$	-1	other elliptic
584	$(2,1)(2,1)(15,8)$	-1	other elliptic
585	$(2,1)(2,1)(15,11)$	1	other elliptic
586	$(2,1)(2,1)(15,13)$	-1	other elliptic
587	$(2,1)(2,1)(16,3)$	0	other elliptic
588	$(2,1)(2,1)(16,5)$	0	other elliptic
589	$(2,1)(2,1)(16,7)$	1	other elliptic
590	$(2,1)(2,1)(16,9)$	1	other elliptic
591	$(2,1)(2,1)(16,11)$	0	other elliptic
592	$(2,1)(2,1)(16,13)$	0	other elliptic
593	$(2,1)(2,1)(17,3)$	0	other elliptic
594	$(2,1)(2,1)(17,4)$	0	other elliptic
595	$(2,1)(2,1)(17,5)$	1	other elliptic
596	$(2,1)(2,1)(17,6)$	0	other elliptic
597	$(2,1)(2,1)(17,7)$	1	other elliptic
598	$(2,1)(2,1)(17,10)$	1	other elliptic

N	fibers	b	geometry
599	$(2,1)(2,1)(17,11)$	0	other elliptic
600	$(2,1)(2,1)(17,12)$	1	other elliptic
601	$(2,1)(2,1)(17,13)$	0	other elliptic
602	$(2,1)(2,1)(17,14)$	0	other elliptic
603	$(2,1)(2,1)(18,5)$	1	other elliptic
604	$(2,1)(2,1)(18,7)$	1	other elliptic
605	$(2,1)(2,1)(18,11)$	1	other elliptic
606	$(2,1)(2,1)(18,13)$	1	other elliptic
607	$(2,1)(2,1)(19,3)$	-1	other elliptic
608	$(2,1)(2,1)(19,4)$	0	other elliptic
609	$(2,1)(2,1)(19,5)$	0	other elliptic
610	$(2,1)(2,1)(19,6)$	-1	other elliptic
611	$(2,1)(2,1)(19,7)$	1	other elliptic
612	$(2,1)(2,1)(19,8)$	1	other elliptic
613	$(2,1)(2,1)(19,11)$	1	other elliptic
614	$(2,1)(2,1)(19,12)$	1	other elliptic
615	$(2,1)(2,1)(19,13)$	-1	other elliptic
616	$(2,1)(2,1)(19,14)$	0	other elliptic
617	$(2,1)(2,1)(19,15)$	0	other elliptic
618	$(2,1)(2,1)(19,16)$	-1	other elliptic
619	$(2,1)(2,1)(20,3)$	-1	other elliptic
620	$(2,1)(2,1)(20,7)$	-1	other elliptic
621	$(2,1)(2,1)(20,9)$	0	other elliptic
622	$(2,1)(2,1)(20,11)$	0	other elliptic
623	$(2,1)(2,1)(20,13)$	-1	other elliptic
624	$(2,1)(2,1)(20,17)$	-1	other elliptic
625	$(2,1)(2,1)(21,4)$	-1	other elliptic
626	$(2,1)(2,1)(21,5)$	-1	other elliptic
627	$(2,1)(2,1)(21,8)$	1	other elliptic
628	$(2,1)(2,1)(21,13)$	1	other elliptic
629	$(2,1)(2,1)(21,16)$	-1	other elliptic
630	$(2,1)(2,1)(21,17)$	-1	other elliptic
631	$(2,1)(2,1)(22,5)$	0	other elliptic
632	$(2,1)(2,1)(22,9)$	0	other elliptic
633	$(2,1)(2,1)(22,13)$	0	other elliptic

N	fibers	b	geometry
634	$(2,1)(2,1)(22,17)$	0	other elliptic
635	$(2,1)(2,1)(23,4)$	-1	other elliptic
636	$(2,1)(2,1)(23,5)$	0	other elliptic
637	$(2,1)(2,1)(23,6)$	-1	other elliptic
638	$(2,1)(2,1)(23,7)$	0	other elliptic
639	$(2,1)(2,1)(23,9)$	0	other elliptic
640	$(2,1)(2,1)(23,10)$	0	other elliptic
641	$(2,1)(2,1)(23,13)$	0	other elliptic
642	$(2,1)(2,1)(23,14)$	0	other elliptic
643	$(2,1)(2,1)(23,16)$	0	other elliptic
644	$(2,1)(2,1)(23,17)$	-1	other elliptic
645	$(2,1)(2,1)(23,18)$	0	other elliptic
646	$(2,1)(2,1)(23,19)$	-1	other elliptic
647	$(2,1)(2,1)(24,5)$	-1	other elliptic
648	$(2,1)(2,1)(24,7)$	0	other elliptic
649	$(2,1)(2,1)(24,11)$	-1	other elliptic
650	$(2,1)(2,1)(24,13)$	-1	other elliptic
651	$(2,1)(2,1)(24,17)$	0	other elliptic
652	$(2,1)(2,1)(24,19)$	-1	other elliptic
653	$(2,1)(2,1)(25,7)$	0	other elliptic
654	$(2,1)(2,1)(25,9)$	0	other elliptic
655	$(2,1)(2,1)(25,11)$	0	other elliptic
656	$(2,1)(2,1)(25,14)$	0	other elliptic
657	$(2,1)(2,1)(25,16)$	0	other elliptic
658	$(2,1)(2,1)(25,18)$	0	other elliptic
659	$(2,1)(2,1)(26,7)$	0	other elliptic
660	$(2,1)(2,1)(26,11)$	0	other elliptic
661	$(2,1)(2,1)(26,15)$	0	other elliptic
662	$(2,1)(2,1)(26,19)$	0	other elliptic
663	$(2,1)(2,1)(27,5)$	-1	other elliptic
664	$(2,1)(2,1)(27,8)$	0	other elliptic
665	$(2,1)(2,1)(27,10)$	0	other elliptic
666	$(2,1)(2,1)(27,11)$	-1	other elliptic
667	$(2,1)(2,1)(27,16)$	-1	other elliptic
668	$(2,1)(2,1)(27,17)$	0	other elliptic

N	fibers	b	geometry
669	$(2,1)(2,1)(27,19)$	0	other elliptic
670	$(2,1)(2,1)(27,22)$	-1	other elliptic
671	$(2,1)(2,1)(28,5)$	-1	other elliptic
672	$(2,1)(2,1)(28,11)$	-1	other elliptic
673	$(2,1)(2,1)(28,17)$	-1	other elliptic
674	$(2,1)(2,1)(28,23)$	-1	other elliptic
675	$(2,1)(2,1)(29,8)$	0	other elliptic
676	$(2,1)(2,1)(29,9)$	-1	other elliptic
677	$(2,1)(2,1)(29,11)$	0	other elliptic
678	$(2,1)(2,1)(29,12)$	0	other elliptic
679	$(2,1)(2,1)(29,13)$	-1	other elliptic
680	$(2,1)(2,1)(29,16)$	-1	other elliptic
681	$(2,1)(2,1)(29,17)$	0	other elliptic
682	$(2,1)(2,1)(29,18)$	0	other elliptic
683	$(2,1)(2,1)(29,20)$	-1	other elliptic
684	$(2,1)(2,1)(29,21)$	0	other elliptic
685	$(2,1)(2,1)(30,7)$	-1	other elliptic
686	$(2,1)(2,1)(30,11)$	0	other elliptic
687	$(2,1)(2,1)(30,13)$	-1	other elliptic
688	$(2,1)(2,1)(30,17)$	-1	other elliptic
689	$(2,1)(2,1)(30,19)$	0	other elliptic
690	$(2,1)(2,1)(30,23)$	-1	other elliptic
691	$(2,1)(2,1)(31,7)$	-1	other elliptic
692	$(2,1)(2,1)(31,9)$	-1	other elliptic
693	$(2,1)(2,1)(31,11)$	-1	other elliptic
694	$(2,1)(2,1)(31,12)$	0	other elliptic
695	$(2,1)(2,1)(31,13)$	0	other elliptic
696	$(2,1)(2,1)(31,14)$	-1	other elliptic
697	$(2,1)(2,1)(31,17)$	-1	other elliptic
698	$(2,1)(2,1)(31,18)$	0	other elliptic
699	$(2,1)(2,1)(31,19)$	0	other elliptic
700	$(2,1)(2,1)(31,20)$	-1	other elliptic
701	$(2,1)(2,1)(31,22)$	-1	other elliptic
702	$(2,1)(2,1)(31,24)$	-1	other elliptic
703	$(2,1)(2,1)(32,7)$	-1	other elliptic

N	fibers	b	geometry
704	$(2,1)(2,1)(32,9)$	-1	other elliptic
705	$(2,1)(2,1)(32,23)$	-1	other elliptic
706	$(2,1)(2,1)(32,25)$	-1	other elliptic
707	$(2,1)(2,1)(33,7)$	-1	other elliptic
708	$(2,1)(2,1)(33,10)$	-1	other elliptic
709	$(2,1)(2,1)(33,14)$	-1	other elliptic
710	$(2,1)(2,1)(33,19)$	-1	other elliptic
711	$(2,1)(2,1)(33,23)$	-1	other elliptic
712	$(2,1)(2,1)(33,26)$	-1	other elliptic
713	$(2,1)(2,1)(34,9)$	-1	other elliptic
714	$(2,1)(2,1)(34,13)$	0	other elliptic
715	$(2,1)(2,1)(34,15)$	-1	other elliptic
716	$(2,1)(2,1)(34,19)$	-1	other elliptic
717	$(2,1)(2,1)(34,21)$	0	other elliptic
718	$(2,1)(2,1)(34,25)$	-1	other elliptic
719	$(2,1)(2,1)(35,8)$	-1	other elliptic
720	$(2,1)(2,1)(35,13)$	-1	other elliptic
721	$(2,1)(2,1)(35,22)$	-1	other elliptic
722	$(2,1)(2,1)(35,27)$	-1	other elliptic
723	$(2,1)(2,1)(36,11)$	-1	other elliptic
724	$(2,1)(2,1)(36,13)$	-1	other elliptic
725	$(2,1)(2,1)(36,23)$	-1	other elliptic
726	$(2,1)(2,1)(36,25)$	-1	other elliptic
727	$(2,1)(2,1)(37,8)$	-1	other elliptic
728	$(2,1)(2,1)(37,10)$	-1	other elliptic
729	$(2,1)(2,1)(37,11)$	-1	other elliptic
730	$(2,1)(2,1)(37,14)$	-1	other elliptic
731	$(2,1)(2,1)(37,23)$	-1	other elliptic
732	$(2,1)(2,1)(37,26)$	-1	other elliptic
733	$(2,1)(2,1)(37,27)$	-1	other elliptic
734	$(2,1)(2,1)(37,29)$	-1	other elliptic
735	$(2,1)(2,1)(39,14)$	-1	other elliptic
736	$(2,1)(2,1)(39,16)$	-1	other elliptic
737	$(2,1)(2,1)(39,17)$	-1	other elliptic
738	$(2,1)(2,1)(39,22)$	-1	other elliptic

N	fibers	b	geometry
739	$(2,1)(2,1)(39,23)$	-1	other elliptic
740	$(2,1)(2,1)(39,25)$	-1	other elliptic
741	$(2,1)(2,1)(40,11)$	-1	other elliptic
742	$(2,1)(2,1)(40,29)$	-1	other elliptic
743	$(2,1)(2,1)(41,11)$	-1	other elliptic
744	$(2,1)(2,1)(41,12)$	-1	other elliptic
745	$(2,1)(2,1)(41,15)$	-1	other elliptic
746	$(2,1)(2,1)(41,16)$	-1	other elliptic
747	$(2,1)(2,1)(41,17)$	-1	other elliptic
748	$(2,1)(2,1)(41,18)$	-1	other elliptic
749	$(2,1)(2,1)(41,23)$	-1	other elliptic
750	$(2,1)(2,1)(41,24)$	-1	other elliptic
751	$(2,1)(2,1)(41,25)$	-1	other elliptic
752	$(2,1)(2,1)(41,26)$	-1	other elliptic
753	$(2,1)(2,1)(41,29)$	-1	other elliptic
754	$(2,1)(2,1)(41,30)$	-1	other elliptic
755	$(2,1)(2,1)(43,12)$	-1	other elliptic
756	$(2,1)(2,1)(43,18)$	-1	other elliptic
757	$(2,1)(2,1)(43,25)$	-1	other elliptic
758	$(2,1)(2,1)(43,31)$	-1	other elliptic
759	$(2,1)(2,1)(44,13)$	-1	other elliptic
760	$(2,1)(2,1)(44,17)$	-1	other elliptic
761	$(2,1)(2,1)(44,27)$	-1	other elliptic
762	$(2,1)(2,1)(44,31)$	-1	other elliptic
763	$(2,1)(2,1)(45,19)$	-1	other elliptic
764	$(2,1)(2,1)(45,26)$	-1	other elliptic
765	$(2,1)(2,1)(46,17)$	-1	other elliptic
766	$(2,1)(2,1)(46,19)$	-1	other elliptic
767	$(2,1)(2,1)(46,27)$	-1	other elliptic
768	$(2,1)(2,1)(46,29)$	-1	other elliptic
769	$(2,1)(2,1)(47,13)$	-1	other elliptic
770	$(2,1)(2,1)(47,18)$	-1	other elliptic
771	$(2,1)(2,1)(47,29)$	-1	other elliptic
772	$(2,1)(2,1)(47,34)$	-1	other elliptic
773	$(2,1)(2,1)(49,18)$	-1	other elliptic

N	fibers	b	geometry
774	$(2,1)(2,1)(49,19)$	-1	other elliptic
775	$(2,1)(2,1)(49,30)$	-1	other elliptic
776	$(2,1)(2,1)(49,31)$	-1	other elliptic
777	$(2,1)(2,1)(50,19)$	-1	other elliptic
778	$(2,1)(2,1)(50,21)$	-1	other elliptic
779	$(2,1)(2,1)(50,29)$	-1	other elliptic
780	$(2,1)(2,1)(50,31)$	-1	other elliptic
781	$(2,1)(2,1)(55,21)$	-1	other elliptic
782	$(2,1)(2,1)(55,34)$	-1	other elliptic
783	$(2,1)(3,1)(3,1)$	4	other elliptic
784	$(2,1)(3,1)(3,2)$	4	other elliptic
785	$(2,1)(3,1)(4,1)$	3	other elliptic
786	$(2,1)(3,1)(4,3)$	3	other elliptic
787	$(2,1)(3,1)(5,1)$	2	other elliptic
788	$(2,1)(3,1)(5,2)$	3	other elliptic
789	$(2,1)(3,1)(5,3)$	3	other elliptic
790	$(2,1)(3,1)(5,4)$	2	other elliptic
791	$(2,1)(3,1)(6,1)$	1	Nil
792	$(2,1)(3,1)(6,5)$	1	Nil
793	$(2,1)(3,1)(7,1)$	0	SL_2
794	$(2,1)(3,1)(7,2)$	2	SL_2
795	$(2,1)(3,1)(7,3)$	2	SL_2
796	$(2,1)(3,1)(7,4)$	2	SL_2
797	$(2,1)(3,1)(7,5)$	2	SL_2
798	$(2,1)(3,1)(7,6)$	0	SL_2
799	$(2,1)(3,1)(8,3)$	2	SL_2
800	$(2,1)(3,1)(8,5)$	2	SL_2
801	$(2,1)(3,1)(8,7)$	-1	SL_2
802	$(2,1)(3,1)(9,2)$	1	SL_2
803	$(2,1)(3,1)(9,4)$	1	SL_2
804	$(2,1)(3,1)(9,5)$	1	SL_2
805	$(2,1)(3,1)(9,7)$	1	SL_2
806	$(2,1)(3,1)(10,3)$	1	SL_2
807	$(2,1)(3,1)(10,7)$	1	SL_2
808	$(2,1)(3,1)(11,2)$	0	SL_2

N	fibers	b	geometry
809	$(2,1)(3,1)(11,3)$	1	SL_2
810	$(2,1)(3,1)(11,4)$	1	SL_2
811	$(2,1)(3,1)(11,5)$	0	SL_2
812	$(2,1)(3,1)(11,6)$	0	SL_2
813	$(2,1)(3,1)(11,7)$	1	SL_2
814	$(2,1)(3,1)(11,8)$	1	SL_2
815	$(2,1)(3,1)(11,9)$	0	SL_2
816	$(2,1)(3,1)(12,5)$	1	SL_2
817	$(2,1)(3,1)(12,7)$	1	SL_2
818	$(2,1)(3,1)(13,3)$	0	SL_2
819	$(2,1)(3,1)(13,4)$	0	SL_2
820	$(2,1)(3,1)(13,5)$	1	SL_2
821	$(2,1)(3,1)(13,6)$	-1	SL_2
822	$(2,1)(3,1)(13,7)$	-1	SL_2
823	$(2,1)(3,1)(13,8)$	1	SL_2
824	$(2,1)(3,1)(13,9)$	0	SL_2
825	$(2,1)(3,1)(13,10)$	0	SL_2
826	$(2,1)(3,1)(13,11)$	-1	SL_2
827	$(2,1)(3,1)(14,3)$	0	SL_2
828	$(2,1)(3,1)(14,5)$	0	SL_2
829	$(2,1)(3,1)(14,9)$	0	SL_2
830	$(2,1)(3,1)(14,11)$	0	SL_2
831	$(2,1)(3,1)(15,4)$	0	SL_2
832	$(2,1)(3,1)(15,11)$	0	SL_2
833	$(2,1)(3,1)(16,5)$	-1	SL_2
834	$(2,1)(3,1)(16,7)$	0	SL_2
835	$(2,1)(3,1)(16,9)$	0	SL_2
836	$(2,1)(3,1)(16,11)$	-1	SL_2
837	$(2,1)(3,1)(16,13)$	-1	SL_2
838	$(2,1)(3,1)(17,4)$	-1	SL_2
839	$(2,1)(3,1)(17,5)$	0	SL_2
840	$(2,1)(3,1)(17,6)$	-1	SL_2
841	$(2,1)(3,1)(17,7)$	0	SL_2
842	$(2,1)(3,1)(17,10)$	0	SL_2
843	$(2,1)(3,1)(17,11)$	-1	SL_2

N	fibers	b	geometry
844	$(2,1)(3,1)(17,12)$	0	SL_2
845	$(2,1)(3,1)(17,13)$	-1	SL_2
846	$(2,1)(3,1)(17,14)$	-1	SL_2
847	$(2,1)(3,1)(18,5)$	0	SL_2
848	$(2,1)(3,1)(18,7)$	0	SL_2
849	$(2,1)(3,1)(18,11)$	0	SL_2
850	$(2,1)(3,1)(18,13)$	0	SL_2
851	$(2,1)(3,1)(19,4)$	-1	SL_2
852	$(2,1)(3,1)(19,5)$	-1	SL_2
853	$(2,1)(3,1)(19,7)$	0	SL_2
854	$(2,1)(3,1)(19,8)$	0	SL_2
855	$(2,1)(3,1)(19,11)$	0	SL_2
856	$(2,1)(3,1)(19,12)$	0	SL_2
857	$(2,1)(3,1)(19,14)$	-1	SL_2
858	$(2,1)(3,1)(19,15)$	-1	SL_2
859	$(2,1)(3,1)(20,9)$	-1	SL_2
860	$(2,1)(3,1)(20,11)$	-1	SL_2
861	$(2,1)(3,1)(21,8)$	0	SL_2
862	$(2,1)(3,1)(21,13)$	0	SL_2
863	$(2,1)(3,1)(22,5)$	-1	SL_2
864	$(2,1)(3,1)(22,9)$	-1	SL_2
865	$(2,1)(3,1)(22,13)$	-1	SL_2
866	$(2,1)(3,1)(22,17)$	-1	SL_2
867	$(2,1)(3,1)(23,5)$	-1	SL_2
868	$(2,1)(3,1)(23,7)$	-1	SL_2
869	$(2,1)(3,1)(23,9)$	-1	SL_2
870	$(2,1)(3,1)(23,10)$	-1	SL_2
871	$(2,1)(3,1)(23,13)$	-1	SL_2
872	$(2,1)(3,1)(23,14)$	-1	SL_2
873	$(2,1)(3,1)(23,16)$	-1	SL_2
874	$(2,1)(3,1)(23,18)$	-1	SL_2
875	$(2,1)(3,1)(24,7)$	-1	SL_2
876	$(2,1)(3,1)(24,17)$	-1	SL_2
877	$(2,1)(3,1)(25,7)$	-1	SL_2
878	$(2,1)(3,1)(25,9)$	-1	SL_2

N	fibers	b	geometry
879	$(2,1)(3,1)(25,11)$	-1	SL_2
880	$(2,1)(3,1)(25,14)$	-1	SL_2
881	$(2,1)(3,1)(25,16)$	-1	SL_2
882	$(2,1)(3,1)(25,18)$	-1	SL_2
883	$(2,1)(3,1)(26,7)$	-1	SL_2
884	$(2,1)(3,1)(26,11)$	-1	SL_2
885	$(2,1)(3,1)(26,15)$	-1	SL_2
886	$(2,1)(3,1)(26,19)$	-1	SL_2
887	$(2,1)(3,1)(27,8)$	-1	SL_2
888	$(2,1)(3,1)(27,10)$	-1	SL_2
889	$(2,1)(3,1)(27,17)$	-1	SL_2
890	$(2,1)(3,1)(27,19)$	-1	SL_2
891	$(2,1)(3,1)(29,8)$	-1	SL_2
892	$(2,1)(3,1)(29,11)$	-1	SL_2
893	$(2,1)(3,1)(29,12)$	-1	SL_2
894	$(2,1)(3,1)(29,17)$	-1	SL_2
895	$(2,1)(3,1)(29,18)$	-1	SL_2
896	$(2,1)(3,1)(29,21)$	-1	SL_2
897	$(2,1)(3,1)(30,11)$	-1	SL_2
898	$(2,1)(3,1)(30,19)$	-1	SL_2
899	$(2,1)(3,1)(31,12)$	-1	SL_2
900	$(2,1)(3,1)(31,13)$	-1	SL_2
901	$(2,1)(3,1)(31,18)$	-1	SL_2
902	$(2,1)(3,1)(31,19)$	-1	SL_2
903	$(2,1)(3,1)(34,13)$	-1	SL_2
904	$(2,1)(3,1)(34,21)$	-1	SL_2
905	$(2,1)(3,2)(3,2)$	4	other elliptic
906	$(2,1)(3,2)(4,1)$	3	other elliptic
907	$(2,1)(3,2)(4,3)$	3	other elliptic
908	$(2,1)(3,2)(5,1)$	2	other elliptic
909	$(2,1)(3,2)(5,2)$	3	other elliptic
910	$(2,1)(3,2)(5,3)$	3	other elliptic
911	$(2,1)(3,2)(5,4)$	2	other elliptic
912	$(2,1)(3,2)(6,1)$	1	Nil
913	$(2,1)(3,2)(6,5)$	1	Nil

N	fibers	b	geometry
914	$(2,1)(3,2)(7,1)$	0	SL_2
915	$(2,1)(3,2)(7,2)$	2	SL_2
916	$(2,1)(3,2)(7,3)$	2	SL_2
917	$(2,1)(3,2)(7,4)$	2	SL_2
918	$(2,1)(3,2)(7,5)$	2	SL_2
919	$(2,1)(3,2)(7,6)$	0	SL_2
920	$(2,1)(3,2)(8,1)$	-1	SL_2
921	$(2,1)(3,2)(8,3)$	2	SL_2
922	$(2,1)(3,2)(8,5)$	2	SL_2
923	$(2,1)(3,2)(8,7)$	-1	SL_2
924	$(2,1)(3,2)(9,2)$	1	SL_2
925	$(2,1)(3,2)(9,4)$	1	SL_2
926	$(2,1)(3,2)(9,5)$	1	SL_2
927	$(2,1)(3,2)(9,7)$	1	SL_2
928	$(2,1)(3,2)(10,3)$	1	SL_2
929	$(2,1)(3,2)(10,7)$	1	SL_2
930	$(2,1)(3,2)(11,2)$	0	SL_2
931	$(2,1)(3,2)(11,3)$	1	SL_2
932	$(2,1)(3,2)(11,4)$	1	SL_2
933	$(2,1)(3,2)(11,5)$	0	SL_2
934	$(2,1)(3,2)(11,6)$	0	SL_2
935	$(2,1)(3,2)(11,7)$	1	SL_2
936	$(2,1)(3,2)(11,8)$	1	SL_2
937	$(2,1)(3,2)(11,9)$	0	SL_2
938	$(2,1)(3,2)(12,5)$	1	SL_2
939	$(2,1)(3,2)(12,7)$	1	SL_2
940	$(2,1)(3,2)(13,2)$	-1	SL_2
941	$(2,1)(3,2)(13,3)$	0	SL_2
942	$(2,1)(3,2)(13,4)$	0	SL_2
943	$(2,1)(3,2)(13,5)$	1	SL_2
944	$(2,1)(3,2)(13,6)$	-1	SL_2
945	$(2,1)(3,2)(13,7)$	-1	SL_2
946	$(2,1)(3,2)(13,8)$	1	SL_2
947	$(2,1)(3,2)(13,9)$	0	SL_2
948	$(2,1)(3,2)(13,10)$	0	SL_2

N	fibers	b	geometry
949	$(2,1)(3,2)(13,11)$	-1	SL_2
950	$(2,1)(3,2)(14,3)$	0	SL_2
951	$(2,1)(3,2)(14,5)$	0	SL_2
952	$(2,1)(3,2)(14,9)$	0	SL_2
953	$(2,1)(3,2)(14,11)$	0	SL_2
954	$(2,1)(3,2)(15,4)$	0	SL_2
955	$(2,1)(3,2)(15,11)$	0	SL_2
956	$(2,1)(3,2)(16,3)$	-1	SL_2
957	$(2,1)(3,2)(16,5)$	-1	SL_2
958	$(2,1)(3,2)(16,7)$	0	SL_2
959	$(2,1)(3,2)(16,9)$	0	SL_2
960	$(2,1)(3,2)(16,11)$	-1	SL_2
961	$(2,1)(3,2)(16,13)$	-1	SL_2
962	$(2,1)(3,2)(17,3)$	-1	SL_2
963	$(2,1)(3,2)(17,4)$	-1	SL_2
964	$(2,1)(3,2)(17,5)$	0	SL_2
965	$(2,1)(3,2)(17,6)$	-1	SL_2
966	$(2,1)(3,2)(17,7)$	0	SL_2
967	$(2,1)(3,2)(17,10)$	0	SL_2
968	$(2,1)(3,2)(17,11)$	-1	SL_2
969	$(2,1)(3,2)(17,12)$	0	SL_2
970	$(2,1)(3,2)(17,13)$	-1	SL_2
971	$(2,1)(3,2)(17,14)$	-1	SL_2
972	$(2,1)(3,2)(18,5)$	0	SL_2
973	$(2,1)(3,2)(18,7)$	0	SL_2
974	$(2,1)(3,2)(18,11)$	0	SL_2
975	$(2,1)(3,2)(18,13)$	0	SL_2
976	$(2,1)(3,2)(19,4)$	-1	SL_2
977	$(2,1)(3,2)(19,5)$	-1	SL_2
978	$(2,1)(3,2)(19,7)$	0	SL_2
979	$(2,1)(3,2)(19,8)$	0	SL_2
980	$(2,1)(3,2)(19,11)$	0	SL_2
981	$(2,1)(3,2)(19,12)$	0	SL_2
982	$(2,1)(3,2)(19,14)$	-1	SL_2
983	$(2,1)(3,2)(19,15)$	-1	SL_2

N	fibers	b	geometry
984	$(2,1)(3,2)(20,9)$	-1	SL_2
985	$(2,1)(3,2)(20,11)$	-1	SL_2
986	$(2,1)(3,2)(21,8)$	0	SL_2
987	$(2,1)(3,2)(21,13)$	0	SL_2
988	$(2,1)(3,2)(22,5)$	-1	SL_2
989	$(2,1)(3,2)(22,9)$	-1	SL_2
990	$(2,1)(3,2)(22,13)$	-1	SL_2
991	$(2,1)(3,2)(22,17)$	-1	SL_2
992	$(2,1)(3,2)(23,5)$	-1	SL_2
993	$(2,1)(3,2)(23,7)$	-1	SL_2
994	$(2,1)(3,2)(23,9)$	-1	SL_2
995	$(2,1)(3,2)(23,10)$	-1	SL_2
996	$(2,1)(3,2)(23,13)$	-1	SL_2
997	$(2,1)(3,2)(23,14)$	-1	SL_2
998	$(2,1)(3,2)(23,16)$	-1	SL_2
999	$(2,1)(3,2)(23,18)$	-1	SL_2
1000	$(2,1)(3,2)(24,7)$	-1	SL_2
1001	$(2,1)(3,2)(24,17)$	-1	SL_2
1002	$(2,1)(3,2)(25,7)$	-1	SL_2
1003	$(2,1)(3,2)(25,9)$	-1	SL_2
1004	$(2,1)(3,2)(25,11)$	-1	SL_2
1005	$(2,1)(3,2)(25,14)$	-1	SL_2
1006	$(2,1)(3,2)(25,16)$	-1	SL_2
1007	$(2,1)(3,2)(25,18)$	-1	SL_2
1008	$(2,1)(3,2)(26,7)$	-1	SL_2
1009	$(2,1)(3,2)(26,11)$	-1	SL_2
1010	$(2,1)(3,2)(26,15)$	-1	SL_2
1011	$(2,1)(3,2)(26,19)$	-1	SL_2
1012	$(2,1)(3,2)(27,8)$	-1	SL_2
1013	$(2,1)(3,2)(27,10)$	-1	SL_2
1014	$(2,1)(3,2)(27,17)$	-1	SL_2
1015	$(2,1)(3,2)(27,19)$	-1	SL_2
1016	$(2,1)(3,2)(29,8)$	-1	SL_2
1017	$(2,1)(3,2)(29,11)$	-1	SL_2
1018	$(2,1)(3,2)(29,12)$	-1	SL_2

N	fibers	b	geometry
1019	$(2,1)(3,2)(29,17)$	-1	SL_2
1020	$(2,1)(3,2)(29,18)$	-1	SL_2
1021	$(2,1)(3,2)(29,21)$	-1	SL_2
1022	$(2,1)(3,2)(30,11)$	-1	SL_2
1023	$(2,1)(3,2)(30,19)$	-1	SL_2
1024	$(2,1)(3,2)(31,12)$	-1	SL_2
1025	$(2,1)(3,2)(31,13)$	-1	SL_2
1026	$(2,1)(3,2)(31,18)$	-1	SL_2
1027	$(2,1)(3,2)(31,19)$	-1	SL_2
1028	$(2,1)(3,2)(34,13)$	-1	SL_2
1029	$(2,1)(3,2)(34,21)$	-1	SL_2
1030	$(2,1)(4,1)(4,1)$	2	Nil
1031	$(2,1)(4,1)(4,3)$	2	Nil
1032	$(2,1)(4,1)(5,1)$	1	SL_2
1033	$(2,1)(4,1)(5,2)$	2	SL_2
1034	$(2,1)(4,1)(5,3)$	2	SL_2
1035	$(2,1)(4,1)(5,4)$	1	SL_2
1036	$(2,1)(4,1)(6,1)$	0	SL_2
1037	$(2,1)(4,1)(6,5)$	0	SL_2
1038	$(2,1)(4,1)(7,2)$	1	SL_2
1039	$(2,1)(4,1)(7,3)$	1	SL_2
1040	$(2,1)(4,1)(7,4)$	1	SL_2
1041	$(2,1)(4,1)(7,5)$	1	SL_2
1042	$(2,1)(4,1)(7,6)$	-1	SL_2
1043	$(2,1)(4,1)(8,3)$	1	SL_2
1044	$(2,1)(4,1)(8,5)$	1	SL_2
1045	$(2,1)(4,1)(9,2)$	0	SL_2
1046	$(2,1)(4,1)(9,4)$	0	SL_2
1047	$(2,1)(4,1)(9,5)$	0	SL_2
1048	$(2,1)(4,1)(9,7)$	0	SL_2
1049	$(2,1)(4,1)(10,3)$	0	SL_2
1050	$(2,1)(4,1)(10,7)$	0	SL_2
1051	$(2,1)(4,1)(11,2)$	-1	SL_2
1052	$(2,1)(4,1)(11,3)$	0	SL_2
1053	$(2,1)(4,1)(11,4)$	0	SL_2

N	fibers	b	geometry
1054	$(2,1)(4,1)(11,5)$	-1	SL_2
1055	$(2,1)(4,1)(11,6)$	-1	SL_2
1056	$(2,1)(4,1)(11,7)$	0	SL_2
1057	$(2,1)(4,1)(11,8)$	0	SL_2
1058	$(2,1)(4,1)(11,9)$	-1	SL_2
1059	$(2,1)(4,1)(12,5)$	0	SL_2
1060	$(2,1)(4,1)(12,7)$	0	SL_2
1061	$(2,1)(4,1)(13,3)$	-1	SL_2
1062	$(2,1)(4,1)(13,4)$	-1	SL_2
1063	$(2,1)(4,1)(13,5)$	0	SL_2
1064	$(2,1)(4,1)(13,8)$	0	SL_2
1065	$(2,1)(4,1)(13,9)$	-1	SL_2
1066	$(2,1)(4,1)(13,10)$	-1	SL_2
1067	$(2,1)(4,1)(14,3)$	-1	SL_2
1068	$(2,1)(4,1)(14,5)$	-1	SL_2
1069	$(2,1)(4,1)(14,9)$	-1	SL_2
1070	$(2,1)(4,1)(14,11)$	-1	SL_2
1071	$(2,1)(4,1)(15,4)$	-1	SL_2
1072	$(2,1)(4,1)(15,11)$	-1	SL_2
1073	$(2,1)(4,1)(16,7)$	-1	SL_2
1074	$(2,1)(4,1)(16,9)$	-1	SL_2
1075	$(2,1)(4,1)(17,5)$	-1	SL_2
1076	$(2,1)(4,1)(17,7)$	-1	SL_2
1077	$(2,1)(4,1)(17,10)$	-1	SL_2
1078	$(2,1)(4,1)(17,12)$	-1	SL_2
1079	$(2,1)(4,1)(18,5)$	-1	SL_2
1080	$(2,1)(4,1)(18,7)$	-1	SL_2
1081	$(2,1)(4,1)(18,11)$	-1	SL_2
1082	$(2,1)(4,1)(18,13)$	-1	SL_2
1083	$(2,1)(4,1)(19,7)$	-1	SL_2
1084	$(2,1)(4,1)(19,8)$	-1	SL_2
1085	$(2,1)(4,1)(19,11)$	-1	SL_2
1086	$(2,1)(4,1)(19,12)$	-1	SL_2
1087	$(2,1)(4,1)(21,8)$	-1	SL_2
1088	$(2,1)(4,1)(21,13)$	-1	SL_2

N	fibers	b	geometry
1089	$(2,1)(4,3)(4,3)$	2	Nil
1090	$(2,1)(4,3)(5,1)$	1	SL_2
1091	$(2,1)(4,3)(5,2)$	2	SL_2
1092	$(2,1)(4,3)(5,3)$	2	SL_2
1093	$(2,1)(4,3)(5,4)$	1	SL_2
1094	$(2,1)(4,3)(6,1)$	0	SL_2
1095	$(2,1)(4,3)(6,5)$	0	SL_2
1096	$(2,1)(4,3)(7,1)$	-1	SL_2
1097	$(2,1)(4,3)(7,2)$	1	SL_2
1098	$(2,1)(4,3)(7,3)$	1	SL_2
1099	$(2,1)(4,3)(7,4)$	1	SL_2
1100	$(2,1)(4,3)(7,5)$	1	SL_2
1101	$(2,1)(4,3)(7,6)$	-1	SL_2
1102	$(2,1)(4,3)(8,3)$	1	SL_2
1103	$(2,1)(4,3)(8,5)$	1	SL_2
1104	$(2,1)(4,3)(9,2)$	0	SL_2
1105	$(2,1)(4,3)(9,4)$	0	SL_2
1106	$(2,1)(4,3)(9,5)$	0	SL_2
1107	$(2,1)(4,3)(9,7)$	0	SL_2
1108	$(2,1)(4,3)(10,3)$	0	SL_2
1109	$(2,1)(4,3)(10,7)$	0	SL_2
1110	$(2,1)(4,3)(11,2)$	-1	SL_2
1111	$(2,1)(4,3)(11,3)$	0	SL_2
1112	$(2,1)(4,3)(11,4)$	0	SL_2
1113	$(2,1)(4,3)(11,5)$	-1	SL_2
1114	$(2,1)(4,3)(11,6)$	-1	SL_2
1115	$(2,1)(4,3)(11,7)$	0	SL_2
1116	$(2,1)(4,3)(11,8)$	0	SL_2
1117	$(2,1)(4,3)(11,9)$	-1	SL_2
1118	$(2,1)(4,3)(12,5)$	0	SL_2
1119	$(2,1)(4,3)(12,7)$	0	SL_2
1120	$(2,1)(4,3)(13,3)$	-1	SL_2
1121	$(2,1)(4,3)(13,4)$	-1	SL_2
1122	$(2,1)(4,3)(13,5)$	0	SL_2
1123	$(2,1)(4,3)(13,8)$	0	SL_2

N	fibers	b	geometry
1124	$(2,1)(4,3)(13,9)$	-1	SL_2
1125	$(2,1)(4,3)(13,10)$	-1	SL_2
1126	$(2,1)(4,3)(14,3)$	-1	SL_2
1127	$(2,1)(4,3)(14,5)$	-1	SL_2
1128	$(2,1)(4,3)(14,9)$	-1	SL_2
1129	$(2,1)(4,3)(14,11)$	-1	SL_2
1130	$(2,1)(4,3)(15,4)$	-1	SL_2
1131	$(2,1)(4,3)(15,11)$	-1	SL_2
1132	$(2,1)(4,3)(16,7)$	-1	SL_2
1133	$(2,1)(4,3)(16,9)$	-1	SL_2
1134	$(2,1)(4,3)(17,5)$	-1	SL_2
1135	$(2,1)(4,3)(17,7)$	-1	SL_2
1136	$(2,1)(4,3)(17,10)$	-1	SL_2
1137	$(2,1)(4,3)(17,12)$	-1	SL_2
1138	$(2,1)(4,3)(18,5)$	-1	SL_2
1139	$(2,1)(4,3)(18,7)$	-1	SL_2
1140	$(2,1)(4,3)(18,11)$	-1	SL_2
1141	$(2,1)(4,3)(18,13)$	-1	SL_2
1142	$(2,1)(4,3)(19,7)$	-1	SL_2
1143	$(2,1)(4,3)(19,8)$	-1	SL_2
1144	$(2,1)(4,3)(19,11)$	-1	SL_2
1145	$(2,1)(4,3)(19,12)$	-1	SL_2
1146	$(2,1)(4,3)(21,8)$	-1	SL_2
1147	$(2,1)(4,3)(21,13)$	-1	SL_2
1148	$(2,1)(5,1)(5,1)$	0	SL_2
1149	$(2,1)(5,1)(5,2)$	1	SL_2
1150	$(2,1)(5,1)(5,3)$	1	SL_2
1151	$(2,1)(5,1)(5,4)$	0	SL_2
1152	$(2,1)(5,1)(6,5)$	-1	SL_2
1153	$(2,1)(5,1)(7,2)$	0	SL_2
1154	$(2,1)(5,1)(7,3)$	0	SL_2
1155	$(2,1)(5,1)(7,4)$	0	SL_2
1156	$(2,1)(5,1)(7,5)$	0	SL_2
1157	$(2,1)(5,1)(8,3)$	0	SL_2
1158	$(2,1)(5,1)(8,5)$	0	SL_2

N	fibers	b	geometry
1159	$(2,1)(5,1)(9,2)$	-1	SL_2
1160	$(2,1)(5,1)(9,4)$	-1	SL_2
1161	$(2,1)(5,1)(9,5)$	-1	SL_2
1162	$(2,1)(5,1)(9,7)$	-1	SL_2
1163	$(2,1)(5,1)(10,3)$	-1	$\mathbb{H}^2 \times S^1$
1164	$(2,1)(5,1)(10,7)$	-1	SL_2
1165	$(2,1)(5,1)(11,3)$	-1	SL_2
1166	$(2,1)(5,1)(11,4)$	-1	SL_2
1167	$(2,1)(5,1)(11,7)$	-1	SL_2
1168	$(2,1)(5,1)(11,8)$	-1	SL_2
1169	$(2,1)(5,1)(12,5)$	-1	SL_2
1170	$(2,1)(5,1)(12,7)$	-1	SL_2
1171	$(2,1)(5,1)(13,5)$	-1	SL_2
1172	$(2,1)(5,1)(13,8)$	-1	SL_2
1173	$(2,1)(5,2)(5,2)$	2	SL_2
1174	$(2,1)(5,2)(5,3)$	2	SL_2
1175	$(2,1)(5,2)(5,4)$	1	SL_2
1176	$(2,1)(5,2)(6,1)$	0	SL_2
1177	$(2,1)(5,2)(6,5)$	0	SL_2
1178	$(2,1)(5,2)(7,1)$	-1	SL_2
1179	$(2,1)(5,2)(7,2)$	1	SL_2
1180	$(2,1)(5,2)(7,3)$	1	SL_2
1181	$(2,1)(5,2)(7,4)$	1	SL_2
1182	$(2,1)(5,2)(7,5)$	1	SL_2
1183	$(2,1)(5,2)(7,6)$	-1	SL_2
1184	$(2,1)(5,2)(8,3)$	1	SL_2
1185	$(2,1)(5,2)(8,5)$	1	SL_2
1186	$(2,1)(5,2)(9,2)$	0	SL_2
1187	$(2,1)(5,2)(9,4)$	0	SL_2
1188	$(2,1)(5,2)(9,5)$	0	SL_2
1189	$(2,1)(5,2)(9,7)$	0	SL_2
1190	$(2,1)(5,2)(10,3)$	0	SL_2
1191	$(2,1)(5,2)(10,7)$	0	SL_2
1192	$(2,1)(5,2)(11,2)$	-1	SL_2
1193	$(2,1)(5,2)(11,3)$	0	SL_2

N	fibers	b	geometry
1194	$(2,1)(5,2)(11,4)$	0	SL_2
1195	$(2,1)(5,2)(11,5)$	-1	SL_2
1196	$(2,1)(5,2)(11,6)$	-1	SL_2
1197	$(2,1)(5,2)(11,7)$	0	SL_2
1198	$(2,1)(5,2)(11,8)$	0	SL_2
1199	$(2,1)(5,2)(11,9)$	-1	SL_2
1200	$(2,1)(5,2)(12,5)$	0	SL_2
1201	$(2,1)(5,2)(12,7)$	0	SL_2
1202	$(2,1)(5,2)(13,3)$	-1	SL_2
1203	$(2,1)(5,2)(13,4)$	-1	SL_2
1204	$(2,1)(5,2)(13,5)$	0	SL_2
1205	$(2,1)(5,2)(13,8)$	0	SL_2
1206	$(2,1)(5,2)(13,9)$	-1	SL_2
1207	$(2,1)(5,2)(13,10)$	-1	SL_2
1208	$(2,1)(5,2)(14,3)$	-1	SL_2
1209	$(2,1)(5,2)(14,5)$	-1	SL_2
1210	$(2,1)(5,2)(14,9)$	-1	SL_2
1211	$(2,1)(5,2)(14,11)$	-1	SL_2
1212	$(2,1)(5,2)(15,4)$	-1	SL_2
1213	$(2,1)(5,2)(15,11)$	-1	SL_2
1214	$(2,1)(5,2)(16,7)$	-1	SL_2
1215	$(2,1)(5,2)(16,9)$	-1	SL_2
1216	$(2,1)(5,2)(17,5)$	-1	SL_2
1217	$(2,1)(5,2)(17,7)$	-1	SL_2
1218	$(2,1)(5,2)(17,10)$	-1	SL_2
1219	$(2,1)(5,2)(17,12)$	-1	SL_2
1220	$(2,1)(5,2)(18,5)$	-1	SL_2
1221	$(2,1)(5,2)(18,7)$	-1	SL_2
1222	$(2,1)(5,2)(18,11)$	-1	SL_2
1223	$(2,1)(5,2)(18,13)$	-1	SL_2
1224	$(2,1)(5,2)(19,7)$	-1	SL_2
1225	$(2,1)(5,2)(19,8)$	-1	SL_2
1226	$(2,1)(5,2)(19,11)$	-1	SL_2
1227	$(2,1)(5,2)(19,12)$	-1	SL_2
1228	$(2,1)(5,2)(21,8)$	-1	SL_2

N	fibers	b	geometry
1229	$(2,1)(5,2)(21,13)$	-1	SL_2
1230	$(2,1)(5,3)(5,3)$	2	SL_2
1231	$(2,1)(5,3)(5,4)$	1	SL_2
1232	$(2,1)(5,3)(6,1)$	0	SL_2
1233	$(2,1)(5,3)(6,5)$	0	SL_2
1234	$(2,1)(5,3)(7,1)$	-1	SL_2
1235	$(2,1)(5,3)(7,2)$	1	SL_2
1236	$(2,1)(5,3)(7,3)$	1	SL_2
1237	$(2,1)(5,3)(7,4)$	1	SL_2
1238	$(2,1)(5,3)(7,5)$	1	SL_2
1239	$(2,1)(5,3)(7,6)$	-1	SL_2
1240	$(2,1)(5,3)(8,3)$	1	SL_2
1241	$(2,1)(5,3)(8,5)$	1	SL_2
1242	$(2,1)(5,3)(9,2)$	0	SL_2
1243	$(2,1)(5,3)(9,4)$	0	SL_2
1244	$(2,1)(5,3)(9,5)$	0	SL_2
1245	$(2,1)(5,3)(9,7)$	0	SL_2
1246	$(2,1)(5,3)(10,3)$	0	SL_2
1247	$(2,1)(5,3)(10,7)$	0	SL_2
1248	$(2,1)(5,3)(11,2)$	-1	SL_2
1249	$(2,1)(5,3)(11,3)$	0	SL_2
1250	$(2,1)(5,3)(11,4)$	0	SL_2
1251	$(2,1)(5,3)(11,5)$	-1	SL_2
1252	$(2,1)(5,3)(11,6)$	-1	SL_2
1253	$(2,1)(5,3)(11,7)$	0	SL_2
1254	$(2,1)(5,3)(11,8)$	0	SL_2
1255	$(2,1)(5,3)(11,9)$	-1	SL_2
1256	$(2,1)(5,3)(12,5)$	0	SL_2
1257	$(2,1)(5,3)(12,7)$	0	SL_2
1258	$(2,1)(5,3)(13,3)$	-1	SL_2
1259	$(2,1)(5,3)(13,4)$	-1	SL_2
1260	$(2,1)(5,3)(13,5)$	0	SL_2
1261	$(2,1)(5,3)(13,8)$	0	SL_2
1262	$(2,1)(5,3)(13,9)$	-1	SL_2
1263	$(2,1)(5,3)(13,10)$	-1	SL_2

N	fibers	b	geometry
1264	$(2,1)(5,3)(14,3)$	-1	SL_2
1265	$(2,1)(5,3)(14,5)$	-1	SL_2
1266	$(2,1)(5,3)(14,9)$	-1	SL_2
1267	$(2,1)(5,3)(14,11)$	-1	SL_2
1268	$(2,1)(5,3)(15,4)$	-1	SL_2
1269	$(2,1)(5,3)(15,11)$	-1	SL_2
1270	$(2,1)(5,3)(16,7)$	-1	SL_2
1271	$(2,1)(5,3)(16,9)$	-1	SL_2
1272	$(2,1)(5,3)(17,5)$	-1	SL_2
1273	$(2,1)(5,3)(17,7)$	-1	SL_2
1274	$(2,1)(5,3)(17,10)$	-1	SL_2
1275	$(2,1)(5,3)(17,12)$	-1	SL_2
1276	$(2,1)(5,3)(18,5)$	-1	SL_2
1277	$(2,1)(5,3)(18,7)$	-1	SL_2
1278	$(2,1)(5,3)(18,11)$	-1	SL_2
1279	$(2,1)(5,3)(18,13)$	-1	SL_2
1280	$(2,1)(5,3)(19,7)$	-1	SL_2
1281	$(2,1)(5,3)(19,8)$	-1	SL_2
1282	$(2,1)(5,3)(19,11)$	-1	SL_2
1283	$(2,1)(5,3)(19,12)$	-1	SL_2
1284	$(2,1)(5,3)(21,8)$	-1	SL_2
1285	$(2,1)(5,3)(21,13)$	-1	SL_2
1286	$(2,1)(5,4)(5,4)$	0	SL_2
1287	$(2,1)(5,4)(6,1)$	-1	SL_2
1288	$(2,1)(5,4)(6,5)$	-1	SL_2
1289	$(2,1)(5,4)(7,2)$	0	SL_2
1290	$(2,1)(5,4)(7,3)$	0	SL_2
1291	$(2,1)(5,4)(7,4)$	0	SL_2
1292	$(2,1)(5,4)(7,5)$	0	SL_2
1293	$(2,1)(5,4)(8,3)$	0	SL_2
1294	$(2,1)(5,4)(8,5)$	0	SL_2
1295	$(2,1)(5,4)(9,2)$	-1	SL_2
1296	$(2,1)(5,4)(9,4)$	-1	SL_2
1297	$(2,1)(5,4)(9,5)$	-1	SL_2
1298	$(2,1)(5,4)(9,7)$	-1	SL_2

N	fibers	b	geometry
1299	$(2,1)(5,4)(10,3)$	-1	SL_2
1300	$(2,1)(5,4)(10,7)$	-1	SL_2
1301	$(2,1)(5,4)(11,3)$	-1	SL_2
1302	$(2,1)(5,4)(11,4)$	-1	SL_2
1303	$(2,1)(5,4)(11,7)$	-1	SL_2
1304	$(2,1)(5,4)(11,8)$	-1	SL_2
1305	$(2,1)(5,4)(12,5)$	-1	SL_2
1306	$(2,1)(5,4)(12,7)$	-1	SL_2
1307	$(2,1)(5,4)(13,5)$	-1	SL_2
1308	$(2,1)(5,4)(13,8)$	-1	SL_2
1309	$(2,1)(6,1)(7,2)$	-1	SL_2
1310	$(2,1)(6,1)(7,3)$	-1	SL_2
1311	$(2,1)(6,1)(7,4)$	-1	SL_2
1312	$(2,1)(6,1)(7,5)$	-1	SL_2
1313	$(2,1)(6,1)(8,3)$	-1	SL_2
1314	$(2,1)(6,1)(8,5)$	-1	SL_2
1315	$(2,1)(6,5)(7,2)$	-1	SL_2
1316	$(2,1)(6,5)(7,3)$	-1	SL_2
1317	$(2,1)(6,5)(7,4)$	-1	SL_2
1318	$(2,1)(6,5)(7,5)$	-1	SL_2
1319	$(2,1)(6,5)(8,3)$	-1	SL_2
1320	$(2,1)(6,5)(8,5)$	-1	SL_2
1321	$(2,1)(7,2)(7,2)$	0	SL_2
1322	$(2,1)(7,2)(7,3)$	0	SL_2
1323	$(2,1)(7,2)(7,4)$	0	SL_2
1324	$(2,1)(7,2)(7,5)$	0	SL_2
1325	$(2,1)(7,2)(8,3)$	0	SL_2
1326	$(2,1)(7,2)(8,5)$	0	SL_2
1327	$(2,1)(7,2)(9,2)$	-1	SL_2
1328	$(2,1)(7,2)(9,4)$	-1	SL_2
1329	$(2,1)(7,2)(9,5)$	-1	SL_2
1330	$(2,1)(7,2)(9,7)$	-1	SL_2
1331	$(2,1)(7,2)(10,3)$	-1	SL_2
1332	$(2,1)(7,2)(10,7)$	-1	SL_2
1333	$(2,1)(7,2)(11,3)$	-1	SL_2

N	fibers	b	geometry
1334	$(2,1)(7,2)(11,4)$	-1	SL_2
1335	$(2,1)(7,2)(11,7)$	-1	SL_2
1336	$(2,1)(7,2)(11,8)$	-1	SL_2
1337	$(2,1)(7,2)(12,5)$	-1	SL_2
1338	$(2,1)(7,2)(12,7)$	-1	SL_2
1339	$(2,1)(7,2)(13,5)$	-1	SL_2
1340	$(2,1)(7,2)(13,8)$	-1	SL_2
1341	$(2,1)(7,3)(7,3)$	0	SL_2
1342	$(2,1)(7,3)(7,4)$	0	SL_2
1343	$(2,1)(7,3)(7,5)$	0	SL_2
1344	$(2,1)(7,3)(8,3)$	0	SL_2
1345	$(2,1)(7,3)(8,5)$	0	SL_2
1346	$(2,1)(7,3)(9,2)$	-1	SL_2
1347	$(2,1)(7,3)(9,4)$	-1	SL_2
1348	$(2,1)(7,3)(9,5)$	-1	SL_2
1349	$(2,1)(7,3)(9,7)$	-1	SL_2
1350	$(2,1)(7,3)(10,3)$	-1	SL_2
1351	$(2,1)(7,3)(10,7)$	-1	SL_2
1352	$(2,1)(7,3)(11,3)$	-1	SL_2
1353	$(2,1)(7,3)(11,4)$	-1	SL_2
1354	$(2,1)(7,3)(11,7)$	-1	SL_2
1355	$(2,1)(7,3)(11,8)$	-1	SL_2
1356	$(2,1)(7,3)(12,5)$	-1	SL_2
1357	$(2,1)(7,3)(12,7)$	-1	SL_2
1358	$(2,1)(7,3)(13,5)$	-1	SL_2
1359	$(2,1)(7,3)(13,8)$	-1	SL_2
1360	$(2,1)(7,4)(7,4)$	0	SL_2
1361	$(2,1)(7,4)(7,5)$	0	SL_2
1362	$(2,1)(7,4)(8,3)$	0	SL_2
1363	$(2,1)(7,4)(8,5)$	0	SL_2
1364	$(2,1)(7,4)(9,2)$	-1	SL_2
1365	$(2,1)(7,4)(9,4)$	-1	SL_2
1366	$(2,1)(7,4)(9,5)$	-1	SL_2
1367	$(2,1)(7,4)(9,7)$	-1	SL_2
1368	$(2,1)(7,4)(10,3)$	-1	SL_2

N	fibers	b	geometry
1369	$(2,1)(7,4)(10,7)$	-1	SL_2
1370	$(2,1)(7,4)(11,3)$	-1	SL_2
1371	$(2,1)(7,4)(11,4)$	-1	SL_2
1372	$(2,1)(7,4)(11,7)$	-1	SL_2
1373	$(2,1)(7,4)(11,8)$	-1	SL_2
1374	$(2,1)(7,4)(12,5)$	-1	SL_2
1375	$(2,1)(7,4)(12,7)$	-1	SL_2
1376	$(2,1)(7,4)(13,5)$	-1	SL_2
1377	$(2,1)(7,4)(13,8)$	-1	SL_2
1378	$(2,1)(7,5)(7,5)$	0	SL_2
1379	$(2,1)(7,5)(8,3)$	0	SL_2
1380	$(2,1)(7,5)(8,5)$	0	SL_2
1381	$(2,1)(7,5)(9,2)$	-1	SL_2
1382	$(2,1)(7,5)(9,4)$	-1	SL_2
1383	$(2,1)(7,5)(9,5)$	-1	SL_2
1384	$(2,1)(7,5)(9,7)$	-1	SL_2
1385	$(2,1)(7,5)(10,3)$	-1	SL_2
1386	$(2,1)(7,5)(10,7)$	-1	SL_2
1387	$(2,1)(7,5)(11,3)$	-1	SL_2
1388	$(2,1)(7,5)(11,4)$	-1	SL_2
1389	$(2,1)(7,5)(11,7)$	-1	SL_2
1390	$(2,1)(7,5)(11,8)$	-1	SL_2
1391	$(2,1)(7,5)(12,5)$	-1	SL_2
1392	$(2,1)(7,5)(12,7)$	-1	SL_2
1393	$(2,1)(7,5)(13,5)$	-1	SL_2
1394	$(2,1)(7,5)(13,8)$	-1	SL_2
1395	$(2,1)(8,3)(8,3)$	0	SL_2
1396	$(2,1)(8,3)(8,5)$	0	SL_2
1397	$(2,1)(8,3)(9,2)$	-1	SL_2
1398	$(2,1)(8,3)(9,4)$	-1	SL_2
1399	$(2,1)(8,3)(9,5)$	-1	SL_2
1400	$(2,1)(8,3)(9,7)$	-1	SL_2
1401	$(2,1)(8,3)(10,3)$	-1	SL_2
1402	$(2,1)(8,3)(10,7)$	-1	SL_2
1403	$(2,1)(8,3)(11,3)$	-1	SL_2

N	fibers	b	geometry
1404	$(2,1)(8,3)(11,4)$	-1	SL_2
1405	$(2,1)(8,3)(11,7)$	-1	SL_2
1406	$(2,1)(8,3)(11,8)$	-1	SL_2
1407	$(2,1)(8,3)(12,5)$	-1	SL_2
1408	$(2,1)(8,3)(12,7)$	-1	SL_2
1409	$(2,1)(8,3)(13,5)$	-1	SL_2
1410	$(2,1)(8,3)(13,8)$	-1	SL_2
1411	$(2,1)(8,5)(8,5)$	0	SL_2
1412	$(2,1)(8,5)(9,2)$	-1	SL_2
1413	$(2,1)(8,5)(9,4)$	-1	SL_2
1414	$(2,1)(8,5)(9,5)$	-1	SL_2
1415	$(2,1)(8,5)(9,7)$	-1	SL_2
1416	$(2,1)(8,5)(10,3)$	-1	SL_2
1417	$(2,1)(8,5)(10,7)$	-1	SL_2
1418	$(2,1)(8,5)(11,3)$	-1	SL_2
1419	$(2,1)(8,5)(11,4)$	-1	SL_2
1420	$(2,1)(8,5)(11,7)$	-1	SL_2
1421	$(2,1)(8,5)(11,8)$	-1	SL_2
1422	$(2,1)(8,5)(12,5)$	-1	SL_2
1423	$(2,1)(8,5)(12,7)$	-1	SL_2
1424	$(2,1)(8,5)(13,5)$	-1	SL_2
1425	$(2,1)(8,5)(13,8)$	-1	SL_2
1426	$(3,1)(3,1)(3,1)$	3	Nil
1427	$(3,1)(3,1)(3,2)$	3	Nil
1428	$(3,1)(3,1)(4,1)$	2	SL_2
1429	$(3,1)(3,1)(4,3)$	2	SL_2
1430	$(3,1)(3,1)(5,1)$	1	SL_2
1431	$(3,1)(3,1)(5,2)$	2	SL_2
1432	$(3,1)(3,1)(5,3)$	2	SL_2
1433	$(3,1)(3,1)(5,4)$	1	SL_2
1434	$(3,1)(3,1)(6,1)$	0	SL_2
1435	$(3,1)(3,1)(6,5)$	0	SL_2
1436	$(3,1)(3,1)(7,1)$	-1	SL_2
1437	$(3,1)(3,1)(7,2)$	1	SL_2
1438	$(3,1)(3,1)(7,3)$	1	SL_2

N	fibers	b	geometry
1439	$(3,1)(3,1)(7,4)$	1	SL_2
1440	$(3,1)(3,1)(7,5)$	1	SL_2
1441	$(3,1)(3,1)(7,6)$	-1	SL_2
1442	$(3,1)(3,1)(8,3)$	1	SL_2
1443	$(3,1)(3,1)(8,5)$	1	SL_2
1444	$(3,1)(3,1)(9,2)$	0	SL_2
1445	$(3,1)(3,1)(9,4)$	0	SL_2
1446	$(3,1)(3,1)(9,5)$	0	SL_2
1447	$(3,1)(3,1)(9,7)$	0	SL_2
1448	$(3,1)(3,1)(10,3)$	0	SL_2
1449	$(3,1)(3,1)(10,7)$	0	SL_2
1450	$(3,1)(3,1)(11,2)$	-1	SL_2
1451	$(3,1)(3,1)(11,3)$	0	SL_2
1452	$(3,1)(3,1)(11,4)$	0	SL_2
1453	$(3,1)(3,1)(11,5)$	-1	SL_2
1454	$(3,1)(3,1)(11,6)$	-1	SL_2
1455	$(3,1)(3,1)(11,7)$	0	SL_2
1456	$(3,1)(3,1)(11,8)$	0	SL_2
1457	$(3,1)(3,1)(11,9)$	-1	SL_2
1458	$(3,1)(3,1)(12,5)$	0	SL_2
1459	$(3,1)(3,1)(12,7)$	0	SL_2
1460	$(3,1)(3,1)(13,3)$	-1	SL_2
1461	$(3,1)(3,1)(13,4)$	-1	SL_2
1462	$(3,1)(3,1)(13,5)$	0	SL_2
1463	$(3,1)(3,1)(13,8)$	0	SL_2
1464	$(3,1)(3,1)(13,9)$	-1	SL_2
1465	$(3,1)(3,1)(13,10)$	-1	SL_2
1466	$(3,1)(3,1)(14,3)$	-1	SL_2
1467	$(3,1)(3,1)(14,5)$	-1	SL_2
1468	$(3,1)(3,1)(14,9)$	-1	SL_2
1469	$(3,1)(3,1)(14,11)$	-1	SL_2
1470	$(3,1)(3,1)(15,4)$	-1	SL_2
1471	$(3,1)(3,1)(15,11)$	-1	SL_2
1472	$(3,1)(3,1)(16,7)$	-1	SL_2
1473	$(3,1)(3,1)(16,9)$	-1	SL_2

N	fibers	b	geometry
1474	$(3,1)(3,1)(17,5)$	-1	SL_2
1475	$(3,1)(3,1)(17,7)$	-1	SL_2
1476	$(3,1)(3,1)(17,10)$	-1	SL_2
1477	$(3,1)(3,1)(17,12)$	-1	SL_2
1478	$(3,1)(3,1)(18,5)$	-1	SL_2
1479	$(3,1)(3,1)(18,7)$	-1	SL_2
1480	$(3,1)(3,1)(18,11)$	-1	SL_2
1481	$(3,1)(3,1)(18,13)$	-1	SL_2
1482	$(3,1)(3,1)(19,7)$	-1	SL_2
1483	$(3,1)(3,1)(19,8)$	-1	SL_2
1484	$(3,1)(3,1)(19,11)$	-1	SL_2
1485	$(3,1)(3,1)(19,12)$	-1	SL_2
1486	$(3,1)(3,1)(21,8)$	-1	SL_2
1487	$(3,1)(3,1)(21,13)$	-1	SL_2
1488	$(3,1)(3,2)(3,2)$	3	Nil
1489	$(3,1)(3,2)(4,1)$	2	SL_2
1490	$(3,1)(3,2)(4,3)$	2	SL_2
1491	$(3,1)(3,2)(5,1)$	1	SL_2
1492	$(3,1)(3,2)(5,2)$	2	SL_2
1493	$(3,1)(3,2)(5,3)$	2	SL_2
1494	$(3,1)(3,2)(5,4)$	1	SL_2
1495	$(3,1)(3,2)(6,1)$	0	SL_2
1496	$(3,1)(3,2)(6,5)$	0	SL_2
1497	$(3,1)(3,2)(7,1)$	-1	SL_2
1498	$(3,1)(3,2)(7,2)$	1	SL_2
1499	$(3,1)(3,2)(7,3)$	1	SL_2
1500	$(3,1)(3,2)(7,4)$	1	SL_2
1501	$(3,1)(3,2)(7,5)$	1	SL_2
1502	$(3,1)(3,2)(7,6)$	-1	SL_2
1503	$(3,1)(3,2)(8,3)$	1	SL_2
1504	$(3,1)(3,2)(8,5)$	1	SL_2
1505	$(3,1)(3,2)(9,2)$	0	SL_2
1506	$(3,1)(3,2)(9,4)$	0	SL_2
1507	$(3,1)(3,2)(9,5)$	0	SL_2
1508	$(3,1)(3,2)(9,7)$	0	SL_2

N	fibers	b	geometry
1509	$(3,1)(3,2)(10,3)$	0	SL_2
1510	$(3,1)(3,2)(10,7)$	0	SL_2
1511	$(3,1)(3,2)(11,2)$	-1	SL_2
1512	$(3,1)(3,2)(11,3)$	0	SL_2
1513	$(3,1)(3,2)(11,4)$	0	SL_2
1514	$(3,1)(3,2)(11,5)$	-1	SL_2
1515	$(3,1)(3,2)(11,6)$	-1	SL_2
1516	$(3,1)(3,2)(11,7)$	0	SL_2
1517	$(3,1)(3,2)(11,8)$	0	SL_2
1518	$(3,1)(3,2)(11,9)$	-1	SL_2
1519	$(3,1)(3,2)(12,5)$	0	SL_2
1520	$(3,1)(3,2)(12,7)$	0	SL_2
1521	$(3,1)(3,2)(13,3)$	-1	SL_2
1522	$(3,1)(3,2)(13,4)$	-1	SL_2
1523	$(3,1)(3,2)(13,5)$	0	SL_2
1524	$(3,1)(3,2)(13,8)$	0	SL_2
1525	$(3,1)(3,2)(13,9)$	-1	SL_2
1526	$(3,1)(3,2)(13,10)$	-1	SL_2
1527	$(3,1)(3,2)(14,3)$	-1	SL_2
1528	$(3,1)(3,2)(14,5)$	-1	SL_2
1529	$(3,1)(3,2)(14,9)$	-1	SL_2
1530	$(3,1)(3,2)(14,11)$	-1	SL_2
1531	$(3,1)(3,2)(15,4)$	-1	SL_2
1532	$(3,1)(3,2)(15,11)$	-1	SL_2
1533	$(3,1)(3,2)(16,7)$	-1	SL_2
1534	$(3,1)(3,2)(16,9)$	-1	SL_2
1535	$(3,1)(3,2)(17,5)$	-1	SL_2
1536	$(3,1)(3,2)(17,7)$	-1	SL_2
1537	$(3,1)(3,2)(17,10)$	-1	SL_2
1538	$(3,1)(3,2)(17,12)$	-1	SL_2
1539	$(3,1)(3,2)(18,5)$	-1	SL_2
1540	$(3,1)(3,2)(18,7)$	-1	SL_2
1541	$(3,1)(3,2)(18,11)$	-1	SL_2
1542	$(3,1)(3,2)(18,13)$	-1	SL_2
1543	$(3,1)(3,2)(19,7)$	-1	SL_2

N	fibers	b	geometry
1544	$(3,1)(3,2)(19,8)$	-1	SL_2
1545	$(3,1)(3,2)(19,11)$	-1	SL_2
1546	$(3,1)(3,2)(19,12)$	-1	SL_2
1547	$(3,1)(3,2)(21,8)$	-1	SL_2
1548	$(3,1)(3,2)(21,13)$	-1	SL_2
1549	$(3,1)(4,1)(4,1)$	1	SL_2
1550	$(3,1)(4,1)(4,3)$	1	SL_2
1551	$(3,1)(4,1)(5,1)$	0	SL_2
1552	$(3,1)(4,1)(5,2)$	1	SL_2
1553	$(3,1)(4,1)(5,3)$	1	SL_2
1554	$(3,1)(4,1)(5,4)$	0	SL_2
1555	$(3,1)(4,1)(6,1)$	-1	SL_2
1556	$(3,1)(4,1)(6,5)$	-1	SL_2
1557	$(3,1)(4,1)(7,2)$	0	SL_2
1558	$(3,1)(4,1)(7,3)$	0	SL_2
1559	$(3,1)(4,1)(7,4)$	0	SL_2
1560	$(3,1)(4,1)(7,5)$	0	SL_2
1561	$(3,1)(4,1)(8,3)$	0	SL_2
1562	$(3,1)(4,1)(8,5)$	0	SL_2
1563	$(3,1)(4,1)(9,2)$	-1	SL_2
1564	$(3,1)(4,1)(9,4)$	-1	SL_2
1565	$(3,1)(4,1)(9,5)$	-1	SL_2
1566	$(3,1)(4,1)(9,7)$	-1	SL_2
1567	$(3,1)(4,1)(10,3)$	-1	SL_2
1568	$(3,1)(4,1)(10,7)$	-1	SL_2
1569	$(3,1)(4,1)(11,3)$	-1	SL_2
1570	$(3,1)(4,1)(11,4)$	-1	SL_2
1571	$(3,1)(4,1)(11,7)$	-1	SL_2
1572	$(3,1)(4,1)(11,8)$	-1	SL_2
1573	$(3,1)(4,1)(12,5)$	-1	$\mathbb{H}^2 \times S^1$
1574	$(3,1)(4,1)(12,7)$	-1	SL_2
1575	$(3,1)(4,1)(13,5)$	-1	SL_2
1576	$(3,1)(4,1)(13,8)$	-1	SL_2
1577	$(3,1)(4,3)(4,3)$	1	SL_2
1578	$(3,1)(4,3)(5,1)$	0	SL_2

N	fibers	b	geometry
1579	$(3,1)(4,3)(5,2)$	1	SL_2
1580	$(3,1)(4,3)(5,3)$	1	SL_2
1581	$(3,1)(4,3)(5,4)$	0	SL_2
1582	$(3,1)(4,3)(6,1)$	-1	SL_2
1583	$(3,1)(4,3)(6,5)$	-1	SL_2
1584	$(3,1)(4,3)(7,2)$	0	SL_2
1585	$(3,1)(4,3)(7,3)$	0	SL_2
1586	$(3,1)(4,3)(7,4)$	0	SL_2
1587	$(3,1)(4,3)(7,5)$	0	SL_2
1588	$(3,1)(4,3)(8,3)$	0	SL_2
1589	$(3,1)(4,3)(8,5)$	0	SL_2
1590	$(3,1)(4,3)(9,2)$	-1	SL_2
1591	$(3,1)(4,3)(9,4)$	-1	SL_2
1592	$(3,1)(4,3)(9,5)$	-1	SL_2
1593	$(3,1)(4,3)(9,7)$	-1	SL_2
1594	$(3,1)(4,3)(10,3)$	-1	SL_2
1595	$(3,1)(4,3)(10,7)$	-1	SL_2
1596	$(3,1)(4,3)(11,3)$	-1	SL_2
1597	$(3,1)(4,3)(11,4)$	-1	SL_2
1598	$(3,1)(4,3)(11,7)$	-1	SL_2
1599	$(3,1)(4,3)(11,8)$	-1	SL_2
1600	$(3,1)(4,3)(12,5)$	-1	SL_2
1601	$(3,1)(4,3)(12,7)$	-1	SL_2
1602	$(3,1)(4,3)(13,5)$	-1	SL_2
1603	$(3,1)(4,3)(13,8)$	-1	SL_2
1604	$(3,1)(5,1)(5,1)$	-1	SL_2
1605	$(3,1)(5,1)(5,2)$	0	SL_2
1606	$(3,1)(5,1)(5,3)$	0	SL_2
1607	$(3,1)(5,1)(5,4)$	-1	SL_2
1608	$(3,1)(5,1)(7,2)$	-1	SL_2
1609	$(3,1)(5,1)(7,3)$	-1	SL_2
1610	$(3,1)(5,1)(7,4)$	-1	SL_2
1611	$(3,1)(5,1)(7,5)$	-1	SL_2
1612	$(3,1)(5,1)(8,3)$	-1	SL_2
1613	$(3,1)(5,1)(8,5)$	-1	SL_2

N	fibers	b	geometry
1614	$(3,1)(5,2)(5,2)$	1	SL_2
1615	$(3,1)(5,2)(5,3)$	1	SL_2
1616	$(3,1)(5,2)(5,4)$	0	SL_2
1617	$(3,1)(5,2)(6,1)$	-1	SL_2
1618	$(3,1)(5,2)(6,5)$	-1	SL_2
1619	$(3,1)(5,2)(7,2)$	0	SL_2
1620	$(3,1)(5,2)(7,3)$	0	SL_2
1621	$(3,1)(5,2)(7,4)$	0	SL_2
1622	$(3,1)(5,2)(7,5)$	0	SL_2
1623	$(3,1)(5,2)(8,3)$	0	SL_2
1624	$(3,1)(5,2)(8,5)$	0	SL_2
1625	$(3,1)(5,2)(9,2)$	-1	SL_2
1626	$(3,1)(5,2)(9,4)$	-1	SL_2
1627	$(3,1)(5,2)(9,5)$	-1	SL_2
1628	$(3,1)(5,2)(9,7)$	-1	SL_2
1629	$(3,1)(5,2)(10,3)$	-1	SL_2
1630	$(3,1)(5,2)(10,7)$	-1	SL_2
1631	$(3,1)(5,2)(11,3)$	-1	SL_2
1632	$(3,1)(5,2)(11,4)$	-1	SL_2
1633	$(3,1)(5,2)(11,7)$	-1	SL_2
1634	$(3,1)(5,2)(11,8)$	-1	SL_2
1635	$(3,1)(5,2)(12,5)$	-1	SL_2
1636	$(3,1)(5,2)(12,7)$	-1	SL_2
1637	$(3,1)(5,2)(13,5)$	-1	SL_2
1638	$(3,1)(5,2)(13,8)$	-1	SL_2
1639	$(3,1)(5,3)(5,3)$	1	SL_2
1640	$(3,1)(5,3)(5,4)$	0	SL_2
1641	$(3,1)(5,3)(6,1)$	-1	SL_2
1642	$(3,1)(5,3)(6,5)$	-1	SL_2
1643	$(3,1)(5,3)(7,2)$	0	SL_2
1644	$(3,1)(5,3)(7,3)$	0	SL_2
1645	$(3,1)(5,3)(7,4)$	0	SL_2
1646	$(3,1)(5,3)(7,5)$	0	SL_2
1647	$(3,1)(5,3)(8,3)$	0	SL_2
1648	$(3,1)(5,3)(8,5)$	0	SL_2

N	fibers	b	geometry
1649	$(3,1)(5,3)(9,2)$	-1	SL_2
1650	$(3,1)(5,3)(9,4)$	-1	SL_2
1651	$(3,1)(5,3)(9,5)$	-1	SL_2
1652	$(3,1)(5,3)(9,7)$	-1	SL_2
1653	$(3,1)(5,3)(10,3)$	-1	SL_2
1654	$(3,1)(5,3)(10,7)$	-1	SL_2
1655	$(3,1)(5,3)(11,3)$	-1	SL_2
1656	$(3,1)(5,3)(11,4)$	-1	SL_2
1657	$(3,1)(5,3)(11,7)$	-1	SL_2
1658	$(3,1)(5,3)(11,8)$	-1	SL_2
1659	$(3,1)(5,3)(12,5)$	-1	SL_2
1660	$(3,1)(5,3)(12,7)$	-1	SL_2
1661	$(3,1)(5,3)(13,5)$	-1	SL_2
1662	$(3,1)(5,3)(13,8)$	-1	SL_2
1663	$(3,1)(5,4)(5,4)$	-1	SL_2
1664	$(3,1)(5,4)(7,2)$	-1	SL_2
1665	$(3,1)(5,4)(7,3)$	-1	SL_2
1666	$(3,1)(5,4)(7,4)$	-1	SL_2
1667	$(3,1)(5,4)(7,5)$	-1	SL_2
1668	$(3,1)(5,4)(8,3)$	-1	SL_2
1669	$(3,1)(5,4)(8,5)$	-1	SL_2
1670	$(3,1)(7,2)(7,2)$	-1	SL_2
1671	$(3,1)(7,2)(7,3)$	-1	SL_2
1672	$(3,1)(7,2)(7,4)$	-1	SL_2
1673	$(3,1)(7,2)(7,5)$	-1	SL_2
1674	$(3,1)(7,2)(8,3)$	-1	SL_2
1675	$(3,1)(7,2)(8,5)$	-1	SL_2
1676	$(3,1)(7,3)(7,3)$	-1	SL_2
1677	$(3,1)(7,3)(7,4)$	-1	SL_2
1678	$(3,1)(7,3)(7,5)$	-1	SL_2
1679	$(3,1)(7,3)(8,3)$	-1	SL_2
1680	$(3,1)(7,3)(8,5)$	-1	SL_2
1681	$(3,1)(7,4)(7,4)$	-1	SL_2
1682	$(3,1)(7,4)(7,5)$	-1	SL_2
1683	$(3,1)(7,4)(8,3)$	-1	SL_2

N	fibers	b	geometry
1684	$(3,1)(7,4)(8,5)$	-1	SL_2
1685	$(3,1)(7,5)(7,5)$	-1	SL_2
1686	$(3,1)(7,5)(8,3)$	-1	SL_2
1687	$(3,1)(7,5)(8,5)$	-1	SL_2
1688	$(3,1)(8,3)(8,3)$	-1	SL_2
1689	$(3,1)(8,3)(8,5)$	-1	SL_2
1690	$(3,1)(8,5)(8,5)$	-1	SL_2
1691	$(3,2)(3,2)(3,2)$	3	Nil
1692	$(3,2)(3,2)(4,1)$	2	SL_2
1693	$(3,2)(3,2)(4,3)$	2	SL_2
1694	$(3,2)(3,2)(5,1)$	1	SL_2
1695	$(3,2)(3,2)(5,2)$	2	SL_2
1696	$(3,2)(3,2)(5,3)$	2	SL_2
1697	$(3,2)(3,2)(5,4)$	1	SL_2
1698	$(3,2)(3,2)(6,1)$	0	SL_2
1699	$(3,2)(3,2)(6,5)$	0	SL_2
1700	$(3,2)(3,2)(7,1)$	-1	SL_2
1701	$(3,2)(3,2)(7,2)$	1	SL_2
1702	$(3,2)(3,2)(7,3)$	1	SL_2
1703	$(3,2)(3,2)(7,4)$	1	SL_2
1704	$(3,2)(3,2)(7,5)$	1	SL_2
1705	$(3,2)(3,2)(7,6)$	-1	SL_2
1706	$(3,2)(3,2)(8,3)$	1	SL_2
1707	$(3,2)(3,2)(8,5)$	1	SL_2
1708	$(3,2)(3,2)(9,2)$	0	SL_2
1709	$(3,2)(3,2)(9,4)$	0	SL_2
1710	$(3,2)(3,2)(9,5)$	0	SL_2
1711	$(3,2)(3,2)(9,7)$	0	SL_2
1712	$(3,2)(3,2)(10,3)$	0	SL_2
1713	$(3,2)(3,2)(10,7)$	0	SL_2
1714	$(3,2)(3,2)(11,2)$	-1	SL_2
1715	$(3,2)(3,2)(11,3)$	0	SL_2
1716	$(3,2)(3,2)(11,4)$	0	SL_2
1717	$(3,2)(3,2)(11,5)$	-1	SL_2
1718	$(3,2)(3,2)(11,6)$	-1	SL_2

N	fibers	b	geometry
1719	$(3,2)(3,2)(11,7)$	0	SL_2
1720	$(3,2)(3,2)(11,8)$	0	SL_2
1721	$(3,2)(3,2)(11,9)$	-1	SL_2
1722	$(3,2)(3,2)(12,5)$	0	SL_2
1723	$(3,2)(3,2)(12,7)$	0	SL_2
1724	$(3,2)(3,2)(13,3)$	-1	SL_2
1725	$(3,2)(3,2)(13,4)$	-1	SL_2
1726	$(3,2)(3,2)(13,5)$	0	SL_2
1727	$(3,2)(3,2)(13,8)$	0	SL_2
1728	$(3,2)(3,2)(13,9)$	-1	SL_2
1729	$(3,2)(3,2)(13,10)$	-1	SL_2
1730	$(3,2)(3,2)(14,3)$	-1	SL_2
1731	$(3,2)(3,2)(14,5)$	-1	SL_2
1732	$(3,2)(3,2)(14,9)$	-1	SL_2
1733	$(3,2)(3,2)(14,11)$	-1	SL_2
1734	$(3,2)(3,2)(15,4)$	-1	SL_2
1735	$(3,2)(3,2)(15,11)$	-1	SL_2
1736	$(3,2)(3,2)(16,7)$	-1	SL_2
1737	$(3,2)(3,2)(16,9)$	-1	SL_2
1738	$(3,2)(3,2)(17,5)$	-1	SL_2
1739	$(3,2)(3,2)(17,7)$	-1	SL_2
1740	$(3,2)(3,2)(17,10)$	-1	SL_2
1741	$(3,2)(3,2)(17,12)$	-1	SL_2
1742	$(3,2)(3,2)(18,5)$	-1	SL_2
1743	$(3,2)(3,2)(18,7)$	-1	SL_2
1744	$(3,2)(3,2)(18,11)$	-1	SL_2
1745	$(3,2)(3,2)(18,13)$	-1	SL_2
1746	$(3,2)(3,2)(19,7)$	-1	SL_2
1747	$(3,2)(3,2)(19,8)$	-1	SL_2
1748	$(3,2)(3,2)(19,11)$	-1	SL_2
1749	$(3,2)(3,2)(19,12)$	-1	SL_2
1750	$(3,2)(3,2)(21,8)$	-1	SL_2
1751	$(3,2)(3,2)(21,13)$	-1	SL_2
1752	$(3,2)(4,1)(4,1)$	1	SL_2
1753	$(3,2)(4,1)(4,3)$	1	SL_2

N	fibers	b	geometry
1754	$(3,2)(4,1)(5,1)$	0	SL_2
1755	$(3,2)(4,1)(5,2)$	1	SL_2
1756	$(3,2)(4,1)(5,3)$	1	SL_2
1757	$(3,2)(4,1)(5,4)$	0	SL_2
1758	$(3,2)(4,1)(6,1)$	-1	SL_2
1759	$(3,2)(4,1)(6,5)$	-1	SL_2
1760	$(3,2)(4,1)(7,2)$	0	SL_2
1761	$(3,2)(4,1)(7,3)$	0	SL_2
1762	$(3,2)(4,1)(7,4)$	0	SL_2
1763	$(3,2)(4,1)(7,5)$	0	SL_2
1764	$(3,2)(4,1)(8,3)$	0	SL_2
1765	$(3,2)(4,1)(8,5)$	0	SL_2
1766	$(3,2)(4,1)(9,2)$	-1	SL_2
1767	$(3,2)(4,1)(9,4)$	-1	SL_2
1768	$(3,2)(4,1)(9,5)$	-1	SL_2
1769	$(3,2)(4,1)(9,7)$	-1	SL_2
1770	$(3,2)(4,1)(10,3)$	-1	SL_2
1771	$(3,2)(4,1)(10,7)$	-1	SL_2
1772	$(3,2)(4,1)(11,3)$	-1	SL_2
1773	$(3,2)(4,1)(11,4)$	-1	SL_2
1774	$(3,2)(4,1)(11,7)$	-1	SL_2
1775	$(3,2)(4,1)(11,8)$	-1	SL_2
1776	$(3,2)(4,1)(12,5)$	-1	SL_2
1777	$(3,2)(4,1)(12,7)$	-1	SL_2
1778	$(3,2)(4,1)(13,5)$	-1	SL_2
1779	$(3,2)(4,1)(13,8)$	-1	SL_2
1780	$(3,2)(4,3)(4,3)$	1	SL_2
1781	$(3,2)(4,3)(5,1)$	0	SL_2
1782	$(3,2)(4,3)(5,2)$	1	SL_2
1783	$(3,2)(4,3)(5,3)$	1	SL_2
1784	$(3,2)(4,3)(5,4)$	0	SL_2
1785	$(3,2)(4,3)(6,1)$	-1	SL_2
1786	$(3,2)(4,3)(6,5)$	-1	SL_2
1787	$(3,2)(4,3)(7,2)$	0	SL_2
1788	$(3,2)(4,3)(7,3)$	0	SL_2

N	fibers	b	geometry
1789	$(3,2)(4,3)(7,4)$	0	SL_2
1790	$(3,2)(4,3)(7,5)$	0	SL_2
1791	$(3,2)(4,3)(8,3)$	0	SL_2
1792	$(3,2)(4,3)(8,5)$	0	SL_2
1793	$(3,2)(4,3)(9,2)$	-1	SL_2
1794	$(3,2)(4,3)(9,4)$	-1	SL_2
1795	$(3,2)(4,3)(9,5)$	-1	SL_2
1796	$(3,2)(4,3)(9,7)$	-1	SL_2
1797	$(3,2)(4,3)(10,3)$	-1	SL_2
1798	$(3,2)(4,3)(10,7)$	-1	SL_2
1799	$(3,2)(4,3)(11,3)$	-1	SL_2
1800	$(3,2)(4,3)(11,4)$	-1	SL_2
1801	$(3,2)(4,3)(11,7)$	-1	SL_2
1802	$(3,2)(4,3)(11,8)$	-1	SL_2
1803	$(3,2)(4,3)(12,5)$	-1	SL_2
1804	$(3,2)(4,3)(12,7)$	-1	SL_2
1805	$(3,2)(4,3)(13,5)$	-1	SL_2
1806	$(3,2)(4,3)(13,8)$	-1	SL_2
1807	$(3,2)(5,1)(5,1)$	-1	SL_2
1808	$(3,2)(5,1)(5,2)$	0	SL_2
1809	$(3,2)(5,1)(5,3)$	0	SL_2
1810	$(3,2)(5,1)(5,4)$	-1	SL_2
1811	$(3,2)(5,1)(7,2)$	-1	SL_2
1812	$(3,2)(5,1)(7,3)$	-1	SL_2
1813	$(3,2)(5,1)(7,4)$	-1	SL_2
1814	$(3,2)(5,1)(7,5)$	-1	SL_2
1815	$(3,2)(5,1)(8,3)$	-1	SL_2
1816	$(3,2)(5,1)(8,5)$	-1	SL_2
1817	$(3,2)(5,2)(5,2)$	1	SL_2
1818	$(3,2)(5,2)(5,3)$	1	SL_2
1819	$(3,2)(5,2)(5,4)$	0	SL_2
1820	$(3,2)(5,2)(6,1)$	-1	SL_2
1821	$(3,2)(5,2)(6,5)$	-1	SL_2
1822	$(3,2)(5,2)(7,2)$	0	SL_2
1823	$(3,2)(5,2)(7,3)$	0	SL_2

N	fibers	b	geometry
1824	$(3,2)(5,2)(7,4)$	0	SL_2
1825	$(3,2)(5,2)(7,5)$	0	SL_2
1826	$(3,2)(5,2)(8,3)$	0	SL_2
1827	$(3,2)(5,2)(8,5)$	0	SL_2
1828	$(3,2)(5,2)(9,2)$	-1	SL_2
1829	$(3,2)(5,2)(9,4)$	-1	SL_2
1830	$(3,2)(5,2)(9,5)$	-1	SL_2
1831	$(3,2)(5,2)(9,7)$	-1	SL_2
1832	$(3,2)(5,2)(10,3)$	-1	SL_2
1833	$(3,2)(5,2)(10,7)$	-1	SL_2
1834	$(3,2)(5,2)(11,3)$	-1	SL_2
1835	$(3,2)(5,2)(11,4)$	-1	SL_2
1836	$(3,2)(5,2)(11,7)$	-1	SL_2
1837	$(3,2)(5,2)(11,8)$	-1	SL_2
1838	$(3,2)(5,2)(12,5)$	-1	SL_2
1839	$(3,2)(5,2)(12,7)$	-1	SL_2
1840	$(3,2)(5,2)(13,5)$	-1	SL_2
1841	$(3,2)(5,2)(13,8)$	-1	SL_2
1842	$(3,2)(5,3)(5,3)$	1	SL_2
1843	$(3,2)(5,3)(5,4)$	0	SL_2
1844	$(3,2)(5,3)(6,1)$	-1	SL_2
1845	$(3,2)(5,3)(6,5)$	-1	SL_2
1846	$(3,2)(5,3)(7,2)$	0	SL_2
1847	$(3,2)(5,3)(7,3)$	0	SL_2
1848	$(3,2)(5,3)(7,4)$	0	SL_2
1849	$(3,2)(5,3)(7,5)$	0	SL_2
1850	$(3,2)(5,3)(8,3)$	0	SL_2
1851	$(3,2)(5,3)(8,5)$	0	SL_2
1852	$(3,2)(5,3)(9,2)$	-1	SL_2
1853	$(3,2)(5,3)(9,4)$	-1	SL_2
1854	$(3,2)(5,3)(9,5)$	-1	SL_2
1855	$(3,2)(5,3)(9,7)$	-1	SL_2
1856	$(3,2)(5,3)(10,3)$	-1	SL_2
1857	$(3,2)(5,3)(10,7)$	-1	SL_2
1858	$(3,2)(5,3)(11,3)$	-1	SL_2

N	fibers	b	geometry
1859	$(3,2)(5,3)(11,4)$	-1	SL_2
1860	$(3,2)(5,3)(11,7)$	-1	SL_2
1861	$(3,2)(5,3)(11,8)$	-1	SL_2
1862	$(3,2)(5,3)(12,5)$	-1	SL_2
1863	$(3,2)(5,3)(12,7)$	-1	SL_2
1864	$(3,2)(5,3)(13,5)$	-1	SL_2
1865	$(3,2)(5,3)(13,8)$	-1	SL_2
1866	$(3,2)(5,4)(5,4)$	-1	SL_2
1867	$(3,2)(5,4)(7,2)$	-1	SL_2
1868	$(3,2)(5,4)(7,3)$	-1	SL_2
1869	$(3,2)(5,4)(7,4)$	-1	SL_2
1870	$(3,2)(5,4)(7,5)$	-1	SL_2
1871	$(3,2)(5,4)(8,3)$	-1	SL_2
1872	$(3,2)(5,4)(8,5)$	-1	SL_2
1873	$(3,2)(7,2)(7,2)$	-1	SL_2
1874	$(3,2)(7,2)(7,3)$	-1	SL_2
1875	$(3,2)(7,2)(7,4)$	-1	SL_2
1876	$(3,2)(7,2)(7,5)$	-1	SL_2
1877	$(3,2)(7,2)(8,3)$	-1	SL_2
1878	$(3,2)(7,2)(8,5)$	-1	SL_2
1879	$(3,2)(7,3)(7,3)$	-1	SL_2
1880	$(3,2)(7,3)(7,4)$	-1	SL_2
1881	$(3,2)(7,3)(7,5)$	-1	SL_2
1882	$(3,2)(7,3)(8,3)$	-1	SL_2
1883	$(3,2)(7,3)(8,5)$	-1	SL_2
1884	$(3,2)(7,4)(7,4)$	-1	SL_2
1885	$(3,2)(7,4)(7,5)$	-1	SL_2
1886	$(3,2)(7,4)(8,3)$	-1	SL_2
1887	$(3,2)(7,4)(8,5)$	-1	SL_2
1888	$(3,2)(7,5)(7,5)$	-1	SL_2
1889	$(3,2)(7,5)(8,3)$	-1	SL_2
1890	$(3,2)(7,5)(8,5)$	-1	SL_2
1891	$(3,2)(8,3)(8,3)$	-1	SL_2
1892	$(3,2)(8,3)(8,5)$	-1	SL_2
1893	$(3,2)(8,5)(8,5)$	-1	SL_2

N	fibers	b	geometry
1894	$(4,1)(4,1)(4,1)$	0	SL_2
1895	$(4,1)(4,1)(4,3)$	0	SL_2
1896	$(4,1)(4,1)(5,1)$	-1	SL_2
1897	$(4,1)(4,1)(5,2)$	0	SL_2
1898	$(4,1)(4,1)(5,3)$	0	SL_2
1899	$(4,1)(4,1)(5,4)$	-1	SL_2
1900	$(4,1)(4,1)(7,2)$	-1	SL_2
1901	$(4,1)(4,1)(7,3)$	-1	SL_2
1902	$(4,1)(4,1)(7,4)$	-1	SL_2
1903	$(4,1)(4,1)(7,5)$	-1	SL_2
1904	$(4,1)(4,1)(8,3)$	-1	SL_2
1905	$(4,1)(4,1)(8,5)$	-1	SL_2
1906	$(4,1)(4,3)(4,3)$	0	SL_2
1907	$(4,1)(4,3)(5,1)$	-1	SL_2
1908	$(4,1)(4,3)(5,2)$	0	SL_2
1909	$(4,1)(4,3)(5,3)$	0	SL_2
1910	$(4,1)(4,3)(5,4)$	-1	SL_2
1911	$(4,1)(4,3)(7,2)$	-1	SL_2
1912	$(4,1)(4,3)(7,3)$	-1	SL_2
1913	$(4,1)(4,3)(7,4)$	-1	SL_2
1914	$(4,1)(4,3)(7,5)$	-1	SL_2
1915	$(4,1)(4,3)(8,3)$	-1	SL_2
1916	$(4,1)(4,3)(8,5)$	-1	SL_2
1917	$(4,1)(5,1)(5,2)$	-1	SL_2
1918	$(4,1)(5,1)(5,3)$	-1	SL_2
1919	$(4,1)(5,2)(5,2)$	0	SL_2
1920	$(4,1)(5,2)(5,3)$	0	SL_2
1921	$(4,1)(5,2)(5,4)$	-1	SL_2
1922	$(4,1)(5,2)(7,2)$	-1	SL_2
1923	$(4,1)(5,2)(7,3)$	-1	SL_2
1924	$(4,1)(5,2)(7,4)$	-1	SL_2
1925	$(4,1)(5,2)(7,5)$	-1	SL_2
1926	$(4,1)(5,2)(8,3)$	-1	SL_2
1927	$(4,1)(5,2)(8,5)$	-1	SL_2
1928	$(4,1)(5,3)(5,3)$	0	SL_2

N	fibers	b	geometry
1929	$(4,1)(5,3)(5,4)$	-1	SL_2
1930	$(4,1)(5,3)(7,2)$	-1	SL_2
1931	$(4,1)(5,3)(7,3)$	-1	SL_2
1932	$(4,1)(5,3)(7,4)$	-1	SL_2
1933	$(4,1)(5,3)(7,5)$	-1	SL_2
1934	$(4,1)(5,3)(8,3)$	-1	SL_2
1935	$(4,1)(5,3)(8,5)$	-1	SL_2
1936	$(4,3)(4,3)(4,3)$	0	SL_2
1937	$(4,3)(4,3)(5,1)$	-1	SL_2
1938	$(4,3)(4,3)(5,2)$	0	SL_2
1939	$(4,3)(4,3)(5,3)$	0	SL_2
1940	$(4,3)(4,3)(5,4)$	-1	SL_2
1941	$(4,3)(4,3)(7,2)$	-1	SL_2
1942	$(4,3)(4,3)(7,3)$	-1	SL_2
1943	$(4,3)(4,3)(7,4)$	-1	SL_2
1944	$(4,3)(4,3)(7,5)$	-1	SL_2
1945	$(4,3)(4,3)(8,3)$	-1	SL_2
1946	$(4,3)(4,3)(8,5)$	-1	SL_2
1947	$(4,3)(5,1)(5,2)$	-1	SL_2
1948	$(4,3)(5,1)(5,3)$	-1	SL_2
1949	$(4,3)(5,2)(5,2)$	0	SL_2
1950	$(4,3)(5,2)(5,3)$	0	SL_2
1951	$(4,3)(5,2)(5,4)$	-1	SL_2
1952	$(4,3)(5,2)(7,2)$	-1	SL_2
1953	$(4,3)(5,2)(7,3)$	-1	SL_2
1954	$(4,3)(5,2)(7,4)$	-1	SL_2
1955	$(4,3)(5,2)(7,5)$	-1	SL_2
1956	$(4,3)(5,2)(8,3)$	-1	SL_2
1957	$(4,3)(5,2)(8,5)$	-1	SL_2
1958	$(4,3)(5,3)(5,3)$	0	SL_2
1959	$(4,3)(5,3)(5,4)$	-1	SL_2
1960	$(4,3)(5,3)(7,2)$	-1	SL_2
1961	$(4,3)(5,3)(7,3)$	-1	SL_2
1962	$(4,3)(5,3)(7,4)$	-1	SL_2
1963	$(4,3)(5,3)(7,5)$	-1	SL_2

N	fibers	b	geometry
1964	$(4,3)(5,3)(8,3)$	-1	SL_2
1965	$(4,3)(5,3)(8,5)$	-1	SL_2
1966	$(5,1)(5,2)(5,2)$	-1	$\mathbb{H}^2 \times S^1$
1967	$(5,1)(5,2)(5,3)$	-1	SL_2
1968	$(5,1)(5,3)(5,3)$	-1	SL_2
1969	$(5,2)(5,2)(5,2)$	0	SL_2
1970	$(5,2)(5,2)(5,3)$	0	SL_2
1971	$(5,2)(5,2)(5,4)$	-1	SL_2
1972	$(5,2)(5,2)(7,2)$	-1	SL_2
1973	$(5,2)(5,2)(7,3)$	-1	SL_2
1974	$(5,2)(5,2)(7,4)$	-1	SL_2
1975	$(5,2)(5,2)(7,5)$	-1	SL_2
1976	$(5,2)(5,2)(8,3)$	-1	SL_2
1977	$(5,2)(5,2)(8,5)$	-1	SL_2
1978	$(5,2)(5,3)(5,3)$	0	SL_2
1979	$(5,2)(5,3)(5,4)$	-1	SL_2
1980	$(5,2)(5,3)(7,2)$	-1	SL_2
1981	$(5,2)(5,3)(7,3)$	-1	SL_2
1982	$(5,2)(5,3)(7,4)$	-1	SL_2
1983	$(5,2)(5,3)(7,5)$	-1	SL_2
1984	$(5,2)(5,3)(8,3)$	-1	SL_2
1985	$(5,2)(5,3)(8,5)$	-1	SL_2
1986	$(5,3)(5,3)(5,3)$	0	SL_2
1987	$(5,3)(5,3)(5,4)$	-1	SL_2
1988	$(5,3)(5,3)(7,2)$	-1	SL_2
1989	$(5,3)(5,3)(7,3)$	-1	SL_2
1990	$(5,3)(5,3)(7,4)$	-1	SL_2
1991	$(5,3)(5,3)(7,5)$	-1	SL_2
1992	$(5,3)(5,3)(8,3)$	-1	SL_2
1993	$(5,3)(5,3)(8,5)$	-1	SL_2

N	fibers	b	geometry
1994	$(2,1)(2,1)(2,1)(2,1)$	3	Nil
1995	$(2,1)(2,1)(2,1)(3,1)$	2	SL_2
1996	$(2,1)(2,1)(2,1)(3,2)$	2	SL_2
1997	$(2,1)(2,1)(2,1)(4,1)$	1	SL_2
1998	$(2,1)(2,1)(2,1)(4,3)$	1	SL_2
1999	$(2,1)(2,1)(2,1)(5,1)$	0	SL_2
2000	$(2,1)(2,1)(2,1)(5,2)$	1	SL_2
2001	$(2,1)(2,1)(2,1)(5,3)$	1	SL_2
2002	$(2,1)(2,1)(2,1)(5,4)$	0	SL_2
2003	$(2,1)(2,1)(2,1)(6,1)$	-2	SL_2
2004	$(2,1)(2,1)(2,1)(6,1)$	-1	SL_2
2005	$(2,1)(2,1)(2,1)(6,5)$	-1	SL_2
2006	$(2,1)(2,1)(2,1)(7,2)$	0	SL_2
2007	$(2,1)(2,1)(2,1)(7,3)$	0	SL_2
2008	$(2,1)(2,1)(2,1)(7,4)$	0	SL_2
2009	$(2,1)(2,1)(2,1)(7,5)$	0	SL_2
2010	$(2,1)(2,1)(2,1)(8,3)$	0	SL_2
2011	$(2,1)(2,1)(2,1)(8,5)$	0	SL_2
2012	$(2,1)(2,1)(2,1)(9,2)$	-2	SL_2
2013	$(2,1)(2,1)(2,1)(9,2)$	-1	SL_2
2014	$(2,1)(2,1)(2,1)(9,4)$	-2	SL_2
2015	$(2,1)(2,1)(2,1)(9,4)$	-1	SL_2
2016	$(2,1)(2,1)(2,1)(9,5)$	-1	SL_2
2017	$(2,1)(2,1)(2,1)(9,7)$	-1	SL_2
2018	$(2,1)(2,1)(2,1)(10,3)$	-2	SL_2
2019	$(2,1)(2,1)(2,1)(10,3)$	-1	SL_2
2020	$(2,1)(2,1)(2,1)(10,7)$	-1	SL_2
2021	$(2,1)(2,1)(2,1)(11,3)$	-2	SL_2
2022	$(2,1)(2,1)(2,1)(11,3)$	-1	SL_2
2023	$(2,1)(2,1)(2,1)(11,4)$	-2	SL_2
2024	$(2,1)(2,1)(2,1)(11,4)$	-1	SL_2
2025	$(2,1)(2,1)(2,1)(11,7)$	-1	SL_2
2026	$(2,1)(2,1)(2,1)(11,8)$	-1	SL_2
2027	$(2,1)(2,1)(2,1)(12,5)$	-2	SL_2
2028	$(2,1)(2,1)(2,1)(12,5)$	-1	SL_2

N	fibers	b	geometry
2029	$(2,1)(2,1)(2,1)(12,7)$	-1	SL_2
2030	$(2,1)(2,1)(2,1)(13,5)$	-2	SL_2
2031	$(2,1)(2,1)(2,1)(13,5)$	-1	SL_2
2032	$(2,1)(2,1)(2,1)(13,8)$	-1	SL_2
2033	$(2,1)(2,1)(3,1)(3,1)$	1	SL_2
2034	$(2,1)(2,1)(3,1)(3,2)$	1	SL_2
2035	$(2,1)(2,1)(3,1)(4,1)$	0	SL_2
2036	$(2,1)(2,1)(3,1)(4,3)$	0	SL_2
2037	$(2,1)(2,1)(3,1)(5,1)$	-2	SL_2
2038	$(2,1)(2,1)(3,1)(5,1)$	-1	SL_2
2039	$(2,1)(2,1)(3,1)(5,2)$	0	SL_2
2040	$(2,1)(2,1)(3,1)(5,3)$	0	SL_2
2041	$(2,1)(2,1)(3,1)(5,4)$	-2	SL_2
2042	$(2,1)(2,1)(3,1)(5,4)$	-1	SL_2
2043	$(2,1)(2,1)(3,1)(7,2)$	-2	SL_2
2044	$(2,1)(2,1)(3,1)(7,2)$	-1	SL_2
2045	$(2,1)(2,1)(3,1)(7,3)$	-2	SL_2
2046	$(2,1)(2,1)(3,1)(7,3)$	-1	SL_2
2047	$(2,1)(2,1)(3,1)(7,4)$	-2	SL_2
2048	$(2,1)(2,1)(3,1)(7,4)$	-1	SL_2
2049	$(2,1)(2,1)(3,1)(7,5)$	-2	SL_2
2050	$(2,1)(2,1)(3,1)(7,5)$	-1	SL_2
2051	$(2,1)(2,1)(3,1)(8,3)$	-2	SL_2
2052	$(2,1)(2,1)(3,1)(8,3)$	-1	SL_2
2053	$(2,1)(2,1)(3,1)(8,5)$	-2	SL_2
2054	$(2,1)(2,1)(3,1)(8,5)$	-1	SL_2
2055	$(2,1)(2,1)(3,2)(3,2)$	1	SL_2
2056	$(2,1)(2,1)(3,2)(4,1)$	0	SL_2
2057	$(2,1)(2,1)(3,2)(4,3)$	0	SL_2
2058	$(2,1)(2,1)(3,2)(5,1)$	-1	SL_2
2059	$(2,1)(2,1)(3,2)(5,2)$	0	SL_2
2060	$(2,1)(2,1)(3,2)(5,3)$	0	SL_2
2061	$(2,1)(2,1)(3,2)(5,4)$	-1	SL_2
2062	$(2,1)(2,1)(3,2)(7,2)$	-1	SL_2
2063	$(2,1)(2,1)(3,2)(7,3)$	-1	SL_2

N	fibers	b	geometry
2064	$(2,1)(2,1)(3,2)(7,4)$	-1	SL_2
2065	$(2,1)(2,1)(3,2)(7,5)$	-1	SL_2
2066	$(2,1)(2,1)(3,2)(8,3)$	-1	SL_2
2067	$(2,1)(2,1)(3,2)(8,5)$	-1	SL_2
2068	$(2,1)(2,1)(4,1)(4,1)$	-2	SL_2
2069	$(2,1)(2,1)(4,1)(4,1)$	-1	SL_2
2070	$(2,1)(2,1)(4,1)(4,3)$	-2	$\mathbb{H}^2 \times S^1$
2071	$(2,1)(2,1)(4,1)(4,3)$	-1	SL_2
2072	$(2,1)(2,1)(4,1)(5,2)$	-2	SL_2
2073	$(2,1)(2,1)(4,1)(5,2)$	-1	SL_2
2074	$(2,1)(2,1)(4,1)(5,3)$	-2	SL_2
2075	$(2,1)(2,1)(4,1)(5,3)$	-1	SL_2
2076	$(2,1)(2,1)(4,3)(4,3)$	-1	SL_2
2077	$(2,1)(2,1)(4,3)(5,2)$	-1	SL_2
2078	$(2,1)(2,1)(4,3)(5,3)$	-1	SL_2
2079	$(2,1)(2,1)(5,2)(5,2)$	-2	SL_2
2080	$(2,1)(2,1)(5,2)(5,2)$	-1	SL_2
2081	$(2,1)(2,1)(5,2)(5,3)$	-2	$\mathbb{H}^2 \times S^1$
2082	$(2,1)(2,1)(5,2)(5,3)$	-1	SL_2
2083	$(2,1)(2,1)(5,3)(5,3)$	-1	SL_2
2084	$(2,1)(3,1)(3,1)(3,1)$	0	SL_2
2085	$(2,1)(3,1)(3,1)(3,2)$	0	SL_2
2086	$(2,1)(3,1)(3,1)(4,1)$	-2	SL_2
2087	$(2,1)(3,1)(3,1)(4,1)$	-1	SL_2
2088	$(2,1)(3,1)(3,1)(4,3)$	-2	SL_2
2089	$(2,1)(3,1)(3,1)(4,3)$	-1	SL_2
2090	$(2,1)(3,1)(3,1)(5,2)$	-2	SL_2
2091	$(2,1)(3,1)(3,1)(5,2)$	-1	SL_2
2092	$(2,1)(3,1)(3,1)(5,3)$	-2	SL_2
2093	$(2,1)(3,1)(3,1)(5,3)$	-1	SL_2
2094	$(2,1)(3,1)(3,2)(3,2)$	0	SL_2
2095	$(2,1)(3,1)(3,2)(4,1)$	-2	SL_2
2096	$(2,1)(3,1)(3,2)(4,1)$	-1	SL_2
2097	$(2,1)(3,1)(3,2)(4,3)$	-1	SL_2
2098	$(2,1)(3,1)(3,2)(5,2)$	-2	SL_2

N	fibers	b	geometry
2099	$(2,1)(3,1)(3,2)(5,2)$	-1	SL_2
2100	$(2,1)(3,1)(3,2)(5,3)$	-1	SL_2
2101	$(2,1)(3,2)(3,2)(3,2)$	0	SL_2
2102	$(2,1)(3,2)(3,2)(4,1)$	-1	SL_2
2103	$(2,1)(3,2)(3,2)(4,3)$	-1	SL_2
2104	$(2,1)(3,2)(3,2)(5,2)$	-1	SL_2
2105	$(2,1)(3,2)(3,2)(5,3)$	-1	SL_2
2106	$(3,1)(3,1)(3,1)(3,1)$	-2	SL_2
2107	$(3,1)(3,1)(3,1)(3,1)$	-1	SL_2
2108	$(3,1)(3,1)(3,1)(3,2)$	-2	SL_2
2109	$(3,1)(3,1)(3,1)(3,2)$	-1	SL_2
2110	$(3,1)(3,1)(3,2)(3,2)$	-2	$\mathbb{H}^2 \times S^1$
2111	$(3,1)(3,1)(3,2)(3,2)$	-1	SL_2
2112	$(3,1)(3,2)(3,2)(3,2)$	-1	SL_2
2113	$(3,2)(3,2)(3,2)(3,2)$	-1	SL_2
2114	$(2,1)(2,1)(2,1)(2,1)(2,1)$	0	SL_2
2115	$(2,1)(2,1)(2,1)(2,1)(3,1)$	-2	SL_2
2116	$(2,1)(2,1)(2,1)(2,1)(3,1)$	-1	SL_2
2117	$(2,1)(2,1)(2,1)(2,1)(3,2)$	-2	SL_2
2118	$(2,1)(2,1)(2,1)(2,1)(3,2)$	-1	SL_2

Seifert spaces over $\mathbb{P}^2$:

N	fibers	b	geometry
2119	$(2,1)(2,1)$	4	Nil
2120	$(2,1)(3,1)$	3	SL_2
2121	$(2,1)(3,2)$	3	SL_2
2122	$(2,1)(4,1)$	2	SL_2
2123	$(2,1)(4,3)$	2	SL_2
2124	$(2,1)(5,1)$	1	SL_2
2125	$(2,1)(5,2)$	2	SL_2
2126	$(2,1)(5,3)$	2	SL_2
2127	$(2,1)(5,4)$	1	SL_2
2128	$(2,1)(6,1)$	-1	SL_2
2129	$(2,1)(6,1)$	0	SL_2
2130	$(2,1)(6,5)$	0	SL_2
2131	$(2,1)(7,2)$	1	SL_2
2132	$(2,1)(7,3)$	1	SL_2
2133	$(2,1)(7,4)$	1	SL_2
2134	$(2,1)(7,5)$	1	SL_2
2135	$(2,1)(8,3)$	1	SL_2
2136	$(2,1)(8,5)$	1	SL_2
2137	$(2,1)(9,2)$	-1	SL_2
2138	$(2,1)(9,2)$	0	SL_2
2139	$(2,1)(9,4)$	-1	SL_2
2140	$(2,1)(9,4)$	0	SL_2
2141	$(2,1)(9,5)$	0	SL_2
2142	$(2,1)(9,7)$	0	SL_2
2143	$(2,1)(10,3)$	-1	SL_2
2144	$(2,1)(10,3)$	0	SL_2
2145	$(2,1)(10,7)$	0	SL_2
2146	$(2,1)(11,3)$	-1	SL_2
2147	$(2,1)(11,3)$	0	SL_2
2148	$(2,1)(11,4)$	-1	SL_2
2149	$(2,1)(11,4)$	0	SL_2
2150	$(2,1)(11,7)$	0	SL_2
2151	$(2,1)(11,8)$	0	SL_2
2152	$(2,1)(12,5)$	-1	SL_2
2153	$(2,1)(12,5)$	0	SL_2

N	fibers	b	geometry
2154	$(2,1)(12,7)$	0	SL_2
2155	$(2,1)(13,5)$	-1	SL_2
2156	$(2,1)(13,5)$	0	SL_2
2157	$(2,1)(13,8)$	0	SL_2
2158	$(3,1)(3,1)$	2	SL_2
2159	$(3,1)(3,2)$	2	SL_2
2160	$(3,1)(4,1)$	1	SL_2
2161	$(3,1)(4,3)$	1	SL_2
2162	$(3,1)(5,1)$	-1	SL_2
2163	$(3,1)(5,1)$	0	SL_2
2164	$(3,1)(5,2)$	1	SL_2
2165	$(3,1)(5,3)$	1	SL_2
2166	$(3,1)(5,4)$	-1	SL_2
2167	$(3,1)(5,4)$	0	SL_2
2168	$(3,1)(7,2)$	-1	SL_2
2169	$(3,1)(7,2)$	0	SL_2
2170	$(3,1)(7,3)$	-1	SL_2
2171	$(3,1)(7,3)$	0	SL_2
2172	$(3,1)(7,4)$	-1	SL_2
2173	$(3,1)(7,4)$	0	SL_2
2174	$(3,1)(7,5)$	-1	SL_2
2175	$(3,1)(7,5)$	0	SL_2
2176	$(3,1)(8,3)$	-1	SL_2
2177	$(3,1)(8,3)$	0	SL_2
2178	$(3,1)(8,5)$	-1	SL_2
2179	$(3,1)(8,5)$	0	SL_2
2180	$(3,2)(3,2)$	2	SL_2
2181	$(3,2)(4,1)$	1	SL_2
2182	$(3,2)(4,3)$	1	SL_2
2183	$(3,2)(5,1)$	0	SL_2
2184	$(3,2)(5,2)$	1	SL_2
2185	$(3,2)(5,3)$	1	SL_2
2186	$(3,2)(5,4)$	0	SL_2
2187	$(3,2)(7,2)$	0	SL_2
2188	$(3,2)(7,3)$	0	SL_2

N	fibers	b	geometry
2189	$(3,2)(7,4)$	0	SL_2
2190	$(3,2)(7,5)$	0	SL_2
2191	$(3,2)(8,3)$	0	SL_2
2192	$(3,2)(8,5)$	0	SL_2
2193	$(4,1)(4,1)$	-1	SL_2
2194	$(4,1)(4,1)$	0	SL_2
2195	$(4,1)(4,3)$	-1	$\mathbb{H}^2 \times S^1$
2196	$(4,1)(4,3)$	0	SL_2
2197	$(4,1)(5,2)$	-1	SL_2
2198	$(4,1)(5,2)$	0	SL_2
2199	$(4,1)(5,3)$	-1	SL_2
2200	$(4,1)(5,3)$	0	SL_2
2201	$(4,3)(4,3)$	0	SL_2
2202	$(4,3)(5,2)$	0	SL_2
2203	$(4,3)(5,3)$	0	SL_2
2204	$(5,2)(5,2)$	-1	SL_2
2205	$(5,2)(5,2)$	0	SL_2
2206	$(5,2)(5,3)$	-1	$\mathbb{H}^2 \times S^1$
2207	$(5,2)(5,3)$	0	SL_2
2208	$(5,3)(5,3)$	0	SL_2
2209	$(2,1)(2,1)(2,1)$	1	SL_2
2210	$(2,1)(2,1)(3,1)$	-1	SL_2
2211	$(2,1)(2,1)(3,1)$	0	SL_2
2212	$(2,1)(2,1)(3,2)$	-1	SL_2
2213	$(2,1)(2,1)(3,2)$	0	SL_2

Seifert spaces over the Klein bottle:

N	fibers	b	geometry
2214		5	Nil
2215	$(2,1)$	2	SL_2
2216	$(3,1)$	0	SL_2
2217	$(3,1)$	1	SL_2
2218	$(3,2)$	0	SL_2
2219	$(3,2)$	1	SL_2

Seifert spaces over the torus:

N	fibers	b	geometry
2220		5	Nil
2221	$(2,1)$	2	SL_2
2222	$(3,1)$	0	SL_2
2223	$(3,1)$	1	SL_2
2224	$(3,2)$	0	SL_2
2225	$(3,2)$	1	SL_2

$C_{i,j}$ **(Seifert with base space S^2):**

N	fibers	b	geometry
2226	$(2,1)(6,1)(6,1)$	-1	SL_2
2227	$(2,1)(5,1)(7,1)$	-1	SL_2
2228	$(2,1)(4,1)(8,1)$	-1	SL_2
2229	$(2,1)(2,1)(10,1)$	-1	other elliptic

E_k **(Seifert with base space S^2):**

N	fibers	b	geometry
2230	$(2,1)(3,1)(10,1)$	-1	SL_2

Using B_5 (Seifert with base space S^2):

N	fibers	b	geometry
2231	$(2,1)(3,1)(15,2)$	-1	SL_2
2232	$(2,1)(3,1)(19,3)$	-1	SL_2
2233	$(2,1)(3,1)(20,3)$	-1	SL_2
2234	$(2,1)(3,1)(21,4)$	-1	SL_2
2235	$(2,1)(3,1)(23,4)$	-1	SL_2
2236	$(2,1)(3,1)(27,5)$	-1	SL_2
2237	$(2,1)(3,1)(28,5)$	-1	SL_2

Sol:

$$2238 : T^{\left(\begin{smallmatrix}1&4\\1&5\end{smallmatrix}\right)} \qquad 2239 : T^{\left(\begin{smallmatrix}-1&-4\\-1&-5\end{smallmatrix}\right)}$$

$$2240 : T^{\left(\begin{smallmatrix}1&3\\2&7\end{smallmatrix}\right)} \qquad 2241 : T^{\left(\begin{smallmatrix}-1&-3\\-2&-7\end{smallmatrix}\right)}$$

$$2242 : T^{\left(\begin{smallmatrix}2&5\\3&8\end{smallmatrix}\right)} \qquad 2243 : T^{\left(\begin{smallmatrix}-2&-5\\-3&-8\end{smallmatrix}\right)}$$

N	fibers	matrix	fibers
2244	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 5\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2245	$(2,1)(2,1)$	$\left(\begin{smallmatrix}4 & 5\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2246	$(2,1)(2,1)$	$\left(\begin{smallmatrix}4 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
2247	$(2,1)(2,1)$	$\left(\begin{smallmatrix}4 & 7\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(2,1)$
2248	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & 7\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(2,1)$
2249	$(2,1)(2,1)$	$\left(\begin{smallmatrix}4 & -3\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2250	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & -4\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2251	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & 8\\ -1 & -3\end{smallmatrix}\right)$	$(2,1)(2,1)$
2252	$(2,1)(2,1)$	$\left(\begin{smallmatrix}5 & 8\\ -2 & -3\end{smallmatrix}\right)$	$(2,1)(2,1)$
2253	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & -5\\ -1 & 2\end{smallmatrix}\right)$	$(2,1)(2,1)$
2254	$(2,1)(2,1)$	$\left(\begin{smallmatrix}5 & -3\\ -2 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2255	$(2,1)(2,1)$	$\left(\begin{smallmatrix}5 & 7\\ -2 & -3\end{smallmatrix}\right)$	$(2,1)(2,1)$
2256	$(2,1)(2,1)$	$\left(\begin{smallmatrix}5 & -2\\ -2 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2257	$(2,1)(2,1)$	$\left(\begin{smallmatrix}5 & 7\\ -3 & -4\end{smallmatrix}\right)$	$(2,1)(2,1)$
2258	$(2,1)(2,1)$	$\left(\begin{smallmatrix}5 & -2\\ -3 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2259	$(2,1)(2,1)$	$\left(\begin{smallmatrix}5 & 8\\ -3 & -5\end{smallmatrix}\right)$	$(2,1)(2,1)$
2260	$(2,1)(2,1)$	$\left(\begin{smallmatrix}5 & -3\\ -3 & 2\end{smallmatrix}\right)$	$(2,1)(2,1)$
2261	$(2,1)(2,1)$	$\left(\begin{smallmatrix}4 & -3\\ -3 & 2\end{smallmatrix}\right)$	$(2,1)(2,1)$
2262	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ 3 & -2\end{smallmatrix}\right)$	$(2,1)(2,1)$
2263	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ 3 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2264	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & 4\\ 2 & 3\end{smallmatrix}\right)$	$(2,1)(2,1)$
2265	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & -1\\ 2 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2266	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & 5\\ 2 & 3\end{smallmatrix}\right)$	$(2,1)(2,1)$
2267	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & -2\\ 2 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2268	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -3\\ 1 & -2\end{smallmatrix}\right)$	$(2,1)(2,1)$
2269	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 5\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(2,1)$

N	fibers	matrix	fibers
2270	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & 5 \\ 1 & 2 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2271	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -3 \\ 1 & -1 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2272	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & -2 \\ 1 & -1 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2273	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & 4 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2274	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 4 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2275	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & -1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2276	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -3 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(2,1)$

Non-geometric graph manifolds:

N	fibers	matrix	fibers
2277	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 4\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2278	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & 4\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2279	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -3\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2280	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
2281	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & 5\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2282	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 5\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2283	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & -2\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2284	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -3\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2285	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 5\\ -1 & -3\end{smallmatrix}\right)$	$(2,1)(3,1)$
2286	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & 5\\ -2 & -3\end{smallmatrix}\right)$	$(2,1)(3,1)$
2287	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -3\\ -1 & 2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2288	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & -2\\ -2 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2289	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & 4\\ -2 & -3\end{smallmatrix}\right)$	$(2,1)(3,1)$
2290	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 4\\ -1 & -3\end{smallmatrix}\right)$	$(2,1)(3,1)$
2291	$(2,1)(2,1)$	$\left(\begin{smallmatrix}3 & -1\\ -2 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2292	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -3\\ -1 & 2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2293	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 3\end{smallmatrix}\right)$	$(2,1)(3,1)$
2294	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2295	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 2 & 3\end{smallmatrix}\right)$	$(2,1)(3,1)$
2296	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 1 & 3\end{smallmatrix}\right)$	$(2,1)(3,1)$
2297	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 2 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2298	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & -2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2299	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2300	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2301	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ 1 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2302	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ 1 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$

N	fibers	matrix	fibers
2303	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 3 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(3,1)$
2304	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 3 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(3,1)$
2305	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(3,1)$
2306	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -2 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(3,1)$
2307	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 4 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2308	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & 4 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2309	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -3 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2310	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2311	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & 5 \\ -1 & -2 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2312	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 5 \\ -1 & -2 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2313	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & -2 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2314	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -3 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2315	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 5 \\ -1 & -3 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2316	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & 5 \\ -2 & -3 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2317	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -3 \\ -1 & 2 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2318	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & -2 \\ -2 & 1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2319	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & 4 \\ -2 & -3 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2320	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 4 \\ -1 & -3 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2321	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 3 & -1 \\ -2 & 1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2322	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -3 \\ -1 & 2 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2323	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 3 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2324	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 2 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2325	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 2 & 3 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2326	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 1 & 3 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2327	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 2 & -1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2328	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 1 & -2 \end{smallmatrix}\right)$	$(2,1)(3,2)$

N	fibers	matrix	fibers
2329	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(3,2)$
2330	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(3,2)$
2331	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ 1 & -1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2332	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ 1 & -1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2333	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2334	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2335	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
2336	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2337	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2338	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2339	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2340	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(4,1)$
2341	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(4,1)$
2342	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(4,1)$
2343	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2344	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2345	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(4,1)$
2346	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2347	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2348	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2349	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(4,1)$
2350	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2351	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2352	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2353	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2354	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(4,3)$

N	fibers	matrix	fibers
2355	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2356	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2357	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2358	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -2 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2359	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 2 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2360	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2361	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2362	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2363	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2364	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2365	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(5,1)$
2366	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(5,1)$
2367	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(5,1)$
2368	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,1)$
2369	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(5,1)$
2370	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,1)$
2371	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 3 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2372	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2373	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -2 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2374	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2375	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2376	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2377	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2378	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -2 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2379	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 2 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2380	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(5,2)$

N	fibers	matrix	fibers
2381	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2382	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2383	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,2)$
2384	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2385	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2386	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2387	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2388	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2389	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(5,3)$
2390	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(5,3)$
2391	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2392	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2393	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(5,3)$
2394	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2395	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2396	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2397	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2398	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2399	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,4)$
2400	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,4)$
2401	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,4)$
2402	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,4)$
2403	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(5,4)$
2404	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,4)$
2405	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(6,1)$
2406	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(6,1)$

N	fibers	matrix	fibers
2407	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(6,5)$
2408	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(6,5)$
2409	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(7,2)$
2410	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(7,2)$
2411	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(7,2)$
2412	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(7,2)$
2413	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(7,2)$
2414	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(7,2)$
2415	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(7,3)$
2416	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(7,3)$
2417	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(7,3)$
2418	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(7,3)$
2419	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(7,3)$
2420	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(7,3)$
2421	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(7,4)$
2422	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(7,4)$
2423	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(7,4)$
2424	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(7,4)$
2425	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(7,4)$
2426	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(7,4)$
2427	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(7,5)$
2428	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(7,5)$
2429	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(7,5)$
2430	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(7,5)$
2431	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(7,5)$
2432	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(7,5)$

N	fibers	matrix	fibers
2433	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(8,3)$
2434	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(8,3)$
2435	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(8,3)$
2436	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(8,3)$
2437	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(8,3)$
2438	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(8,3)$
2439	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(8,5)$
2440	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(8,5)$
2441	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(8,5)$
2442	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(8,5)$
2443	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(8,5)$
2444	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(8,5)$
2445	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(9,2)$
2446	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(9,2)$
2447	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(9,4)$
2448	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(9,4)$
2449	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(9,5)$
2450	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(9,5)$
2451	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(9,7)$
2452	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(9,7)$
2453	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(10,3)$
2454	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(10,3)$
2455	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(10,7)$
2456	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(10,7)$
2457	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(11,3)$
2458	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(11,3)$

N	fibers	matrix	fibers
2459	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(11,4)$
2460	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(11,4)$
2461	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(11,7)$
2462	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(11,7)$
2463	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(11,8)$
2464	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(11,8)$
2465	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(12,5)$
2466	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(12,5)$
2467	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(12,7)$
2468	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(12,7)$
2469	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(13,5)$
2470	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(13,5)$
2471	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(13,8)$
2472	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(13,8)$
2473	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 3 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2474	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2475	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -2 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2476	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2477	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2478	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2479	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2480	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -2 \\ -1 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2481	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 2 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2482	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2483	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2484	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$

N	fibers	matrix	fibers
2485	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(3,1)$
2486	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2487	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2488	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2489	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ 0 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2490	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(3,2)$
2491	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(3,1)(3,2)$
2492	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(3,1)(3,2)$
2493	$(2,1)(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2494	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ -1 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2495	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 2\end{smallmatrix}\right)$	$(3,1)(3,2)$
2496	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2497	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 1 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2498	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2499	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(3,2)$
2500	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2501	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(4,1)$
2502	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(4,1)$
2503	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(3,1)(4,1)$
2504	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(4,1)$
2505	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(3,1)(4,1)$
2506	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(4,1)$
2507	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(4,3)$
2508	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(4,3)$
2509	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(3,1)(4,3)$
2510	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(4,3)$

N	fibers	matrix	fibers
2511	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,1)(4,3)$
2512	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(4,3)$
2513	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(5,1)$
2514	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,1)$
2515	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2516	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2517	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2518	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2519	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2520	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2521	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2522	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2523	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2524	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2525	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2526	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2527	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(5,4)$
2528	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,4)$
2529	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(7,2)$
2530	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(7,2)$
2531	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(7,3)$
2532	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(7,3)$
2533	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(7,4)$
2534	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(7,4)$
2535	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(7,5)$
2536	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(7,5)$

N	fibers	matrix	fibers
2537	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(8,3)$
2538	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(8,3)$
2539	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(8,5)$
2540	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(8,5)$
2541	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 3 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2542	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2543	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -2 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2544	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2545	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2546	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2547	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2548	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -2 \\ -1 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2549	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 2 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2550	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2551	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2552	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2553	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2554	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2555	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2556	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2557	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2558	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2559	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2560	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2561	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(4,3)$
2562	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(4,3)$

N	fibers	matrix	fibers
2563	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(3,2)(4,3)$
2564	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(4,3)$
2565	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(3,2)(4,3)$
2566	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(4,3)$
2567	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(5,1)$
2568	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,2)(5,1)$
2569	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(3,2)(5,2)$
2570	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(5,2)$
2571	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(3,2)(5,2)$
2572	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(5,2)$
2573	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(3,2)(5,2)$
2574	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(5,2)$
2575	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(3,2)(5,3)$
2576	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(5,3)$
2577	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(3,2)(5,3)$
2578	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(5,3)$
2579	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(3,2)(5,3)$
2580	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(5,3)$
2581	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(5,4)$
2582	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,2)(5,4)$
2583	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(7,2)$
2584	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,2)(7,2)$
2585	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(7,3)$
2586	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,2)(7,3)$
2587	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(7,4)$
2588	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,2)(7,4)$

N	fibers	matrix	fibers
2589	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(7,5)$
2590	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(7,5)$
2591	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(8,3)$
2592	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(8,3)$
2593	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(8,5)$
2594	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(8,5)$
2595	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(4,1)(4,1)$
2596	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(4,1)(4,1)$
2597	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(4,1)(4,3)$
2598	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(4,1)(4,3)$
2599	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(4,1)(5,2)$
2600	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(4,1)(5,2)$
2601	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(4,1)(5,3)$
2602	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(4,1)(5,3)$
2603	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(4,3)(4,3)$
2604	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(4,3)(4,3)$
2605	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(4,3)(5,2)$
2606	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(4,3)(5,2)$
2607	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(4,3)(5,3)$
2608	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(4,3)(5,3)$
2609	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(5,2)(5,2)$
2610	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(5,2)(5,2)$
2611	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(5,2)(5,3)$
2612	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(5,2)(5,3)$
2613	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(5,3)(5,3)$
2614	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(5,3)(5,3)$

N	fibers	matrix	fibers
2615	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 3\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2616	$(2,1)(3,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2617	$(2,1)(3,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
2618	$(2,1)(3,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(3,1)$
2619	$(2,1)(3,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2620	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2621	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2622	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
2623	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2624	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 3\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2625	$(2,1)(3,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2626	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2627	$(2,1)(3,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
2628	$(2,1)(3,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(3,2)$
2629	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 3\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(3,2)$
2630	$(2,1)(3,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2631	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -2\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2632	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(3,2)$
2633	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 1 & 2\end{smallmatrix}\right)$	$(2,1)(3,2)$
2634	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2635	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2636	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2637	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
2638	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2639	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2640	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(4,1)$

N	fibers	matrix	fibers
2641	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2642	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(4,1)$
2643	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2644	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(4,1)$
2645	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(4,1)$
2646	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2647	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2648	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2649	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(4,3)$
2650	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2651	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2652	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(4,3)$
2653	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,1)$
2654	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,1)$
2655	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,1)$
2656	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,1)$
2657	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2658	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2659	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2660	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,2)$
2661	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2662	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2663	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,2)$
2664	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2665	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2666	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$

N	fibers	matrix	fibers
2667	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2668	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2669	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2670	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2671	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,4)$
2672	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,4)$
2673	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,4)$
2674	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,4)$
2675	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(7,2)$
2676	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(7,2)$
2677	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(7,2)$
2678	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(7,2)$
2679	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(7,3)$
2680	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(7,3)$
2681	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(7,3)$
2682	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(7,3)$
2683	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(7,4)$
2684	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(7,4)$
2685	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(7,4)$
2686	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(7,4)$
2687	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(7,5)$
2688	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(7,5)$
2689	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(7,5)$
2690	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(7,5)$
2691	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(8,3)$
2692	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(8,3)$

N	fibers	matrix	fibers
2693	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(8,3)$
2694	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(8,3)$
2695	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(8,5)$
2696	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(8,5)$
2697	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(8,5)$
2698	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(8,5)$
2699	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2700	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2701	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2702	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2703	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2704	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2705	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2706	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2707	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2708	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2709	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2710	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2711	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2712	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2713	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(4,1)$
2714	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(4,1)$
2715	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(4,1)$
2716	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(4,1)$
2717	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(4,3)$
2718	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(4,3)$

N	fibers	matrix	fibers
2719	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(4,3)$
2720	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(4,3)$
2721	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2722	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2723	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2724	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,2)$
2725	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2726	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2727	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2728	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(5,3)$
2729	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2730	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2731	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2732	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2733	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2734	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & 1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2735	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2736	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2737	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2738	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2739	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(4,1)$
2740	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(4,3)$
2741	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(4,3)$
2742	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(4,3)$
2743	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(4,3)$
2744	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(5,2)$

N	fibers	matrix	fibers
2745	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(5,2)$
2746	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(5,2)$
2747	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(5,2)$
2748	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(5,3)$
2749	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(5,3)$
2750	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(5,3)$
2751	$(2,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(5,3)$
2752	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 3 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2753	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2754	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2755	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 2 & 3 \\ -1 & -2 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2756	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 2 & -1 \\ -1 & 1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2757	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 2 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2758	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2759	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & -1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2760	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(3,2)$
2761	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2762	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2763	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2764	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & -1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2765	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 1 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2766	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2767	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2768	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 2 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2769	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 2 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2770	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & -1 \\ 0 & 1 \end{smallmatrix}\right)$	$(2,1)(4,3)$

N	fibers	matrix	fibers
2771	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(4,3)$
2772	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2773	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(4,3)$
2774	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(4,3)$
2775	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,1)$
2776	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,1)$
2777	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,1)$
2778	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2779	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2780	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2781	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,2)$
2782	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2783	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2784	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,2)$
2785	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2786	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2787	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2788	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2789	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2790	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2791	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2792	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,4)$
2793	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,4)$
2794	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,4)$
2795	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(7,2)$
2796	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(7,2)$

N	fibers	matrix	fibers
2797	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(7,2)$
2798	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(7,3)$
2799	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(7,3)$
2800	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(7,3)$
2801	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(7,4)$
2802	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(7,4)$
2803	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(7,4)$
2804	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(7,5)$
2805	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(7,5)$
2806	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(7,5)$
2807	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(8,3)$
2808	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(8,3)$
2809	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(8,3)$
2810	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(8,5)$
2811	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(8,5)$
2812	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(8,5)$
2813	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2814	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2815	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2816	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(3,1)$
2817	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2818	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2819	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(3,1)$
2820	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2821	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2822	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$

N	fibers	matrix	fibers
2823	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(3,2)$
2824	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2825	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2826	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(3,2)$
2827	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(4,1)$
2828	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(4,1)$
2829	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(4,1)$
2830	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(4,3)$
2831	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(4,3)$
2832	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(4,3)$
2833	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(5,2)$
2834	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(5,2)$
2835	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(5,2)$
2836	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(5,3)$
2837	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(5,3)$
2838	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(5,3)$
2839	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(3,2)(3,2)$
2840	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(3,2)$
2841	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(3,2)(3,2)$
2842	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(3,2)$
2843	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(3,2)(3,2)$
2844	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(3,2)(3,2)$
2845	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(3,2)$
2846	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(4,1)$
2847	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,2)(4,1)$
2848	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(4,1)$

N	fibers	matrix	fibers
2849	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(4,3)$
2850	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(4,3)$
2851	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(4,3)$
2852	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(5,2)$
2853	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(5,2)$
2854	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(5,2)$
2855	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(5,3)$
2856	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(5,3)$
2857	$(2,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(5,3)$
2858	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2859	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2860	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,1)$
2861	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2862	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2863	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2864	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2865	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2866	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2867	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2868	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2869	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(2,1)(5,3)$
2870	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(5,3)$
2871	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,3)$
2872	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,3)$
2873	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2874	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(3,1)$

N	fibers	matrix	fibers
2875	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2876	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2877	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2878	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2879	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2880	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2881	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2882	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2883	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2884	$(2,1)(4,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2885	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2886	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(4,3)$
2887	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2888	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2889	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,2)$
2890	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(2,1)(5,3)$
2891	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,3)$
2892	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(5,3)$
2893	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2894	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2895	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2896	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2897	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2898	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2899	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2900	$(2,1)(4,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$

N	fibers	matrix	fibers
2901	$(2,1)(4,3)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(3,2)$
2902	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,2)$
2903	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,2)$
2904	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,2)$
2905	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2906	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(5,3)$
2907	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2908	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2909	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2910	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2911	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(3,1)$
2912	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(3,1)$
2913	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2914	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(3,2)$
2915	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(3,2)$
2916	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(3,2)$
2917	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(3,2)(3,2)$
2918	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,2)(3,2)$
2919	$(2,1)(5,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,2)(3,2)$
2920	$(2,1)(5,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,2)(3,2)$
2921	$(2,1)(5,3)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2922	$(2,1)(5,3)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(5,3)$
2923	$(2,1)(5,3)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(3,1)$
2924	$(2,1)(5,3)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(3,1)(3,1)$
2925	$(2,1)(5,3)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(3,1)(3,1)$
2926	$(2,1)(5,3)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)(3,2)$

N	fibers	matrix	fibers
2927	$(2,1)(5,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2928	$(2,1)(5,3)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2929	$(2,1)(5,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2930	$(2,1)(5,3)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2931	$(2,1)(5,3)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2932	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2933	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2934	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,1)$
2935	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2936	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2937	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2938	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2939	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2940	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2941	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2942	$(3,1)(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2943	$(3,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ 0 & -1 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2944	$(3,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2945	$(3,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,1)(3,2)$
2946	$(3,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2947	$(3,1)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2948	$(3,1)(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2949	$(3,2)(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$
2950	$(3,2)(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(3,2)(3,2)$

N	fibers	matrix	fibers over A	matrix	fibers
2951	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2952	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2953	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}2 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
2954	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
2955	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
2956	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2957	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2958	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}2 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
2959	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2960	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
2961	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
2962	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2963	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2964	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
2965	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
2966	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2967	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
2968	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
2969	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
2970	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2971	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
2972	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
2973	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,2)$
2974	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
2975	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
2976	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$

N	fibers	matrix	fibers	matrix	fibers
2977	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2978	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,1)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2979	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ -1 & -1 \end{smallmatrix}\right)$	$(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2980	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(2,1)(2,1)$
2981	$(2,1)(2,1)$	$\left(\begin{smallmatrix} 0 & 1 \\ 1 & 0 \end{smallmatrix}\right)$	$(3,2)$	$\left(\begin{smallmatrix} 1 & 1 \\ -1 & 0 \end{smallmatrix}\right)$	$(2,1)(2,1)$

N	fibers	matrix	fibers
2982	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2983	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -3\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2984	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2985	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2986	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 2\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2987	$(2,1)(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2988	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2989	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2990	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(3,1)$
2991	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(2,1)(3,1)$
2992	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)(3,1)$
2993	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(3,1)$
2994	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(3,2)$
2995	$(2,1)(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)(3,2)$
2996	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2997	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & -2\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2998	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
2999	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
3000	$(2,1)(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
3001	$(2,1)(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
3002	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
3003	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
3004	$(2,1)(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$
3005	$(2,1)(3,2)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)(2,1)$

N	fibers over S	matrix	fibers
3006	$(2,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
3007	$(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
3008	$(2,1)$	$\left(\begin{smallmatrix}1 & -2\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
3009	$(2,1)$	$\left(\begin{smallmatrix}2 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
3010	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
3011	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(2,1)$
3012	$(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(2,1)$
3013	$(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
3014	$(2,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
3015	$(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(3,1)$
3016	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & -1\end{smallmatrix}\right)$	$(2,1)(3,1)$
3017	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
3018	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
3019	$(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,1)$
3020	$(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ 0 & 1\end{smallmatrix}\right)$	$(2,1)(3,2)$
3021	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
3022	$(2,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
3023	$(2,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(3,2)$
3024	$(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
3025	$(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
3026	$(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
3027	$(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
3028	$(3,2)$	$\left(\begin{smallmatrix}0 & 1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$
3029	$(3,2)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$	$(2,1)(2,1)$

N	fibers over A	matrix
3030	$(2,1)$	$\left(\begin{smallmatrix}1 & 3\\ 0 & -1\end{smallmatrix}\right)$
3031	$(2,1)$	$\left(\begin{smallmatrix}-1 & -3\\ 0 & 1\end{smallmatrix}\right)$
3032	$(2,1)$	$\left(\begin{smallmatrix}3 & 2\\ -1 & -1\end{smallmatrix}\right)$
3033	$(2,1)$	$\left(\begin{smallmatrix}2 & 3\\ -1 & -2\end{smallmatrix}\right)$
3034	$(2,1)$	$\left(\begin{smallmatrix}-2 & -3\\ 1 & 2\end{smallmatrix}\right)$
3035	$(2,1)$	$\left(\begin{smallmatrix}3 & 1\\ -2 & -1\end{smallmatrix}\right)$
3036	$(2,1)$	$\left(\begin{smallmatrix}-1 & -2\\ 1 & 3\end{smallmatrix}\right)$
3037	$(2,1)$	$\left(\begin{smallmatrix}-1 & -1\\ 2 & 3\end{smallmatrix}\right)$
3038	$(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 0 & -1\end{smallmatrix}\right)$
3039	$(3,1)$	$\left(\begin{smallmatrix}-1 & -1\\ 0 & 1\end{smallmatrix}\right)$
3040	$(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 0\end{smallmatrix}\right)$
3041	$(3,1)$	$\left(\begin{smallmatrix}0 & -1\\ -1 & 0\end{smallmatrix}\right)$
3042	$(3,1)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$
3043	$(3,1)$	$\left(\begin{smallmatrix}-1 & -2\\ 0 & 1\end{smallmatrix}\right)$
3044	$(3,1)$	$\left(\begin{smallmatrix}2 & 1\\ -1 & -1\end{smallmatrix}\right)$
3045	$(3,1)$	$\left(\begin{smallmatrix}1 & -1\\ -1 & 0\end{smallmatrix}\right)$
3046	$(3,1)$	$\left(\begin{smallmatrix}-1 & -1\\ 1 & 2\end{smallmatrix}\right)$
3047	$(3,1)$	$\left(\begin{smallmatrix}0 & -1\\ -1 & 1\end{smallmatrix}\right)$
3048	$(3,1)$	$\left(\begin{smallmatrix}0 & 1\\ 1 & 1\end{smallmatrix}\right)$
3049	$(3,1)$	$\left(\begin{smallmatrix}1 & 1\\ 1 & 0\end{smallmatrix}\right)$
3050	$(3,2)$	$\left(\begin{smallmatrix}1 & 2\\ 0 & -1\end{smallmatrix}\right)$
3051	$(3,2)$	$\left(\begin{smallmatrix}-1 & -2\\ 0 & 1\end{smallmatrix}\right)$
3052	$(3,2)$	$\left(\begin{smallmatrix}2 & 1\\ -1 & -1\end{smallmatrix}\right)$
3053	$(3,2)$	$\left(\begin{smallmatrix}-1 & -1\\ 1 & 2\end{smallmatrix}\right)$

Hyperbolic manifolds:

N	surgery parameters	census	volume	shortest geod	homology
3054	$1, -5, 2$	5	1.284485300	0.4803	$\mathbb{Z}_6$
3055	$1, 2, 1/2$	6	1.398508884	0.3661	trivial
3056	$1, -5, 1/2$	7	1.414061044	0.7941	$\mathbb{Z}_6$
3057	$1, -4, 3$	8	1.414061044	0.3648	$\mathbb{Z}_{10}$
3058	$1, -4, -4/3$	9	1.423611900	0.3523	$\mathbb{Z}_{35}$
3059	$1, 2, -1/2$	10	1.440699006	0.3615	$\mathbb{Z}_3$
3060	$1, 2, -3/2$	12	1.529477329	0.3359	$\mathbb{Z}_5$
3061	$1, -4, -5/2$	13	1.543568911	0.3353	$\mathbb{Z}_{35}$
3062	$1, -1/2, -5/2$	14	1.543568911	0.5780	$\mathbb{Z}_{21}$
3063	$1, -4, -5/3$	16	1.583166660	0.2788	$\mathbb{Z}_{40}$
3064	$1, -6, -1/2$	17	1.583166660	0.5577	$\mathbb{Z}_{21}$
3065	$1, -1/2, -7/2$	18	1.583166660	0.7774	$\mathbb{Z}_3 + \mathbb{Z}_9$
3066	$2, -3/2, -3/2$	19	1.588646639	0.3046	$\mathbb{Z}_{30}$
3067	$1, -5, -3/2$	20	1.588646639	0.5345	$\mathbb{Z}_{30}$
3068	$1, -4, 3/2$	21	1.610469711	0.2499	$\mathbb{Z}_5$
3069	$1, 2, -5/2$	24	1.649609715	0.2627	$\mathbb{Z}_7$
3070	$1, -1/2, -3/2$	25	1.649609715	0.5087	$\mathbb{Z}_{15}$
3071	$1, 1/2, -6$	34	1.757126029	0.7053	$\mathbb{Z}_7$
3072	$1, -1/2, -1/2$	49	1.824344322	0.4680	$\mathbb{Z}_3 + \mathbb{Z}_3$
3073	$1, -5, -1/3$	55	1.831931188	0.5306	$\mathbb{Z}_2 + \mathbb{Z}_{12}$
3074	$1, -3/2, -5/3$	74	1.885414725	0.3970	$\mathbb{Z}_{40}$
3075	$1, -5/2, -5/2$	76	1.885414725	0.5846	$\mathbb{Z}_7 + \mathbb{Z}_7$
3076	$-5/2, -1/2, -1/2$	77	1.885414725	0.5846	$\mathbb{Z}_{39}$
3077	$1, -5, -2/3$	91	1.910843793	0.4421	$\mathbb{Z}_{30}$
3078	$1, -4/3, -3/2$	139	1.953708315	0.3535	$\mathbb{Z}_{35}$

Summarizing table:

lens	528
other elliptic	270
flat	0
Nil	15
$\mathbb{H}^2 \times S^1$	8
SL_2	1416
Sol	39
other graph	777
hyperbolic	25
total	3078