

$Fi_{22} \pmod{5}$

	blocks	defect	matrix
$G :$	1	2	20×16
	2	1	5×4
	3	0	$10725_1 = \chi_8, \varphi_8$
	4	0	$13650_1 = \chi_9, \varphi_9$
	5	1	5×4
	6	0	$50050_1 = \chi_{15}, \varphi_{15}$
	7	0	$50050_2 = \chi_{16}, \varphi_{16}$
	8	0	$75075_1 = \chi_{17}, \varphi_{17}$
	9	0	$75075_2 = \chi_{18}, \varphi_{18}$
	10	0	$75075_3 = \chi_{19}, \varphi_{19}$
	11	0	$114400_1 = \chi_{21}, \varphi_{21}$
	12	0	$138600_1 = \chi_{22}, \varphi_{22}$
	13	0	$138600_2 = \chi_{23}, \varphi_{23}$
	14	0	$150150_1 = \chi_{24}, \varphi_{24}$
	15	0	$289575_1 = \chi_{26}, \varphi_{28}$
	16	0	$300300_1 = \chi_{27}, \varphi_{29}$
	17	0	$400400_1 = \chi_{31}, \varphi_{32}$
	18	0	$400400_2 = \chi_{32}, \varphi_{33}$
	19	0	$400400_3 = \chi_{33}, \varphi_{34}$
	$20 = \overline{19}$	0	$400400_4 = \chi_{34}, \varphi_{35}$
	21	0	$450450_1 = \chi_{35}, \varphi_{36}$
	22	0	$450450_2 = \chi_{36}, \varphi_{37}$
	23	0	$579150_1 = \chi_{39}, \varphi_{39}$
	24	0	$582400_1 = \chi_{40}, \varphi_{40}$
	$25 = \overline{24}$	0	$582400_2 = \chi_{41}, \varphi_{41}$
	26	0	$600600_1 = \chi_{42}, \varphi_{42}$
	27	0	$600600_2 = \chi_{43}, \varphi_{43}$
	$28 = \overline{27}$	0	$600600_3 = \chi_{44}, \varphi_{44}$
	29	0	$675675_1 = \chi_{45}, \varphi_{46}$
	30	0	$800800_1 = \chi_{47}, \varphi_{48}$
	31	0	$982800_1 = \chi_{51}, \varphi_{50}$
	$32 = \overline{31}$	0	$982800_2 = \chi_{52}, \varphi_{51}$
	33	0	$1201200_1 = \chi_{53}, \varphi_{53}$
	34	0	$1360800_1 = \chi_{54}, \varphi_{55}$
	35	0	$1372800_1 = \chi_{55}, \varphi_{56}$
	36	0	$2027025_1 = \chi_{59}, \varphi_{57}$
	37	0	$2316600_1 = \chi_{61}, \varphi_{58}$
	38	0	$2402400_1 = \chi_{62}, \varphi_{59}$
$2.G :$	39	2	20×16
	40	1	5×4

	blocks	defect	matrix
	41	1	5×4
	42	0	$105600_1 = \chi_{78}, \varphi_{73}$
	$43 = \overline{42}$	0	$105600_2 = \chi_{79}, \varphi_{74}$
	44	0	$123200_1 = \chi_{80}, \varphi_{77}$
	45	0	$228800_1 = \chi_{84}, \varphi_{78}$
	46	0	$400400_5 = \chi_{89}, \varphi_{81}$
	47	0	$400400_6 = \chi_{90}, \varphi_{82}$
	48	0	$436800_1 = \chi_{91}, \varphi_{83}$
	49	0	$436800_2 = \chi_{92}, \varphi_{84}$
	50	0	$686400_1 = \chi_{95}, \varphi_{87}$
	51	0	$686400_2 = \chi_{96}, \varphi_{88}$
	52	0	$915200_1 = \chi_{97}, \varphi_{89}$
	53	0	$915200_2 = \chi_{98}, \varphi_{90}$
	54	0	$1029600_1 = \chi_{99}, \varphi_{91}$
	55	0	$1201200_2 = \chi_{100}, \varphi_{94}$
	56	0	$1201200_3 = \chi_{101}, \varphi_{95}$
	57	0	$1663200_1 = \chi_{105}, \varphi_{97}$
	58	0	$1663200_2 = \chi_{106}, \varphi_{98}$
	59	0	$2402400_2 = \chi_{111}, \varphi_{101}$
	60	0	$2402400_3 = \chi_{112}, \varphi_{102}$
3.G :	61	2	20×16
	$62 = 61^*$		
	63	1	5×4
	$64 = 63^*$		
	65	0	$51975_1 = \chi_{123}, \varphi_{113}$
	$66 = 65^*$		
	67	0	$61425_1 = \chi_{125}, \varphi_{114}$
	$68 = 67^*$		
	69	0	$96525_1 = \chi_{126}, \varphi_{116}$
	$70 = 69^*$		
	71	0	$237600_1 = \chi_{129}, \varphi_{118}$
	$72 = 71^*$		
	73	0	$289575_2 = \chi_{130}, \varphi_{119}$
	$74 = 73^*$		
	75	1	5×4
	$76 = 75^*$		
	77	0	$368550_1 = \chi_{132}, \varphi_{122}$
	$78 = 77^*$		
	$79 = \overline{78}$	0	$368550_3 = \chi_{133}, \varphi_{123}$
	$80 = 79^*$		

	blocks	defect	matrix
	81	0	$386100_1 = \chi_{134}, \varphi_{126}$
	$82 = 81^*$		
	83	0	$675675_2 = \chi_{141}, \varphi_{131}$
	$84 = 83^*$		
	85	0	$675675_4 = \chi_{142}, \varphi_{132}$
	$86 = 85^*$		
	87	0	$772200_1 = \chi_{143}, \varphi_{133}$
	$88 = 87^*$		
	89	0	$1351350_1 = \chi_{150}, \varphi_{138}$
	$90 = 89^*$		
	91	0	$1351350_3 = \chi_{151}, \varphi_{139}$
	$92 = 91^*$		
	93	0	$1351350_5 = \chi_{152}, \varphi_{140}$
	$94 = 93^*$		
	95	0	$1351350_7 = \chi_{153}, \varphi_{141}$
	$96 = 95^*$		
	97	0	$1658475_1 = \chi_{155}, \varphi_{142}$
	$98 = 97^*$		
	$99 = \overline{98}$	0	$1658475_3 = \chi_{156}, \varphi_{143}$
	$100 = 99^*$		
	101	0	$1965600_1 = \chi_{161}, \varphi_{144}$
	$102 = 101^*$		
	103	0	$1965600_3 = \chi_{162}, \varphi_{145}$
	$104 = 103^*$		
	105	0	$3088800_1 = \chi_{164}, \varphi_{146}$
	$106 = 105^*$		
6.G :	107	2	20×16
	$108 = 107^*$		
	109	1	5×4
	$110 = 109^*$		
	111	1	5×4
	$112 = 111^*$		
	113	0	$1123200_1 = \chi_{186}, \varphi_{171}$
	$114 = 113^*$		
	115	0	$1123200_3 = \chi_{187}, \varphi_{172}$
	$116 = 115^*$		
	117	0	$3088800_3 = \chi_{197}, \varphi_{173}$
	$118 = 117^*$		
	119	0	$3088800_5 = \chi_{198}, \varphi_{174}$
	$120 = 119^*$		

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_6	φ_{11}	φ_{14}	φ_{20}	φ_{26}	φ_{27}	φ_{31}	φ_{38}	φ_{45}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.
$78_1 = \chi_2$	.	1	.	.	.	.	.	.	.	.	.	.	.
$429_1 = \chi_3$	1	.	1	.	.	.	.	.	.	.	.	.	.
$1001_1 = \chi_4$	.	.	.	1	.	.	.	.	.	.	.	.	.
$3003_1 = \chi_6$	.	.	.	.	1	.	.	.	.	.	.	.	.
$32032_1 = \chi_{11}$	.	1	.	.	.	1	.	.	.	.	.	.	.
$48048_1 = \chi_{14}$	.	.	1	.	.	.	1	.	.	.	.	.	.
$81081_1 = \chi_{20}$	.	.	1	.	.	.	.	1	.	.	.	.	.
$370656_1 = \chi_{30}$	.	.	.	1	.	.	1	.	.	.	1	.	.
$576576_1 = \chi_{37}$	.	.	.	.	1	.	.	1	.	.	.	1	.
$577368_1 = \chi_{38}$	.	1	.	1	.	.	.	.	.	1	1	.	.
$938223_1 = \chi_{49}$	.	.	.	.	.	1	.	.	.	.	.	.	.
$972972_1 = \chi_{50}$	.	1	.	.	.	1	.	.	.	.	1	.	1
$1441792_1 = \chi_{56}$	1	.	1	.	.	.	1	1	.	.	.	.	.
$1791153_1 = \chi_{57}$	1	.	.	.	.	.	.	.	1	1	.	.	.
$1876446_1 = \chi_{58}$	.	.	.	.	1	.	.	.	1	.	.	1	.
$2050048_1 = \chi_{60}$	.	.	.	.	.	1	.	.	.	.	.	1	1
$2555904_1 = \chi_{63}$	.	.	.	.	.	.	.	.	.	.	.	1	.
$2555904_2 = \chi_{64}$	.	.	.	.	.	.	1	.	.	1	1	.	1
$2729376_1 = \chi_{65}$	.	.	.	.	.	.	.	1	1	.	.	1	1

(Block 1:)	φ_{49}	φ_{52}	φ_{54}		
$1_1 = \chi_1$	.	.	.	$\varphi_1 =$	1_1
$78_1 = \chi_2$	.	.	.	$\varphi_2 =$	78_1
$429_1 = \chi_3$	.	.	.	$\varphi_3 =$	428_1
$1001_1 = \chi_4$	.	.	.	$\varphi_4 =$	1001_1
$3003_1 = \chi_6$	.	.	.	$\varphi_6 =$	3003_1
$32032_1 = \chi_{11}$	.	.	.	$\varphi_{11} =$	31954_1
$48048_1 = \chi_{14}$	.	.	.	$\varphi_{14} =$	47620_1
$81081_1 = \chi_{20}$	.	.	.	$\varphi_{20} =$	80653_1
$370656_1 = \chi_{30}$	.	.	.	$\varphi_{26} =$	223808_1
$576576_1 = \chi_{37}$	.	.	.	$\varphi_{27} =$	254254_1
$577368_1 = \chi_{38}$	.	.	.	$\varphi_{31} =$	322035_1
$938223_1 = \chi_{49}$	1	.	.	$\varphi_{38} =$	492920_1
$972972_1 = \chi_{50}$	.	.	.	$\varphi_{45} =$	618905_1
$1441792_1 = \chi_{56}$	.	.	1	$\varphi_{49} =$	906269_1
$1791153_1 = \chi_{57}$	.	.	1	$\varphi_{52} =$	1156715_1
$1876446_1 = \chi_{58}$	.	1	.	$\varphi_{54} =$	1313090_1
$2050048_1 = \chi_{60}$	1	.	.		
$2555904_1 = \chi_{63}$	1	1	.		
$2555904_2 = \chi_{64}$	.	.	1		
$2729376_1 = \chi_{65}$	.	.	1		

Block 2:	φ_5	φ_7	φ_{13}	φ_{30}		
$1430_1 = \chi_5$	1	.	.	.	$\varphi_5 =$	1430_1
$3080_1 = \chi_7$	.	1	.	.	$\varphi_7 =$	3080_1
$45045_1 = \chi_{13}$	.	1	1	.	$\varphi_{13} =$	41965_1
$320320_1 = \chi_{28}$	1	.	.	1	$\varphi_{30} =$	318890_1
$360855_1 = \chi_{29}$	.	.	1	1		

Block 5:	φ_{10}	φ_{12}	φ_{25}	φ_{47}		
$30030_1 = \chi_{10}$	1	.	.	.	$\varphi_{10} =$	30030_1
$43680_1 = \chi_{12}$	.	1	.	.	$\varphi_{12} =$	43680_1
$205920_1 = \chi_{25}$	1	.	1	.	$\varphi_{25} =$	175890_1
$720720_1 = \chi_{46}$	.	1	.	1	$\varphi_{47} =$	677040_1
$852930_1 = \chi_{48}$	.	.	1	1		

Block 39:	φ_{60}	φ_{63}	φ_{64}	φ_{65}	φ_{66}	φ_{67}	φ_{68}	φ_{69}	φ_{70}	φ_{71}	φ_{72}	φ_{75}	φ_{76}
$352_1 = \chi_{66}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$5824_1 = \chi_{69}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$5824_2 = \chi_{70}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$5824_3 = \chi_{71}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$5824_4 = \chi_{72}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$13728_1 = \chi_{73}$	1	.	.	.	.	1	.	.	.	.	.	.	.
$13728_2 = \chi_{74}$	1	.	.	.	.	.	1	.	.	.	.	.	.
$27456_1 = \chi_{75}$	.	.	.	.	.	.	.	.	.	1	.	.	.
$48048_2 = \chi_{76}$	.	1	.	.	1	1	.	1	.	.	.	.	.
$48048_3 = \chi_{77}$	.	.	1	1	.	.	1	.	1	.	.	.	.
$133056_1 = \chi_{81}$	.	.	.	.	.	.	.	1	1	.	1	.	.
$146432_1 = \chi_{82}$	.	1	.	.	1	1	.	.	.	.	.	1	.
$146432_2 = \chi_{83}$	.	.	1	1	.	.	1	.	.	.	.	.	1
$235872_1 = \chi_{85}$	.	.	.	.	.	.	.	.	.	1	1	1	.
$235872_2 = \chi_{86}$	.	.	.	.	.	.	.	.	.	1	1	.	1
$1297296_1 = \chi_{102}$	.	1	.	.	1	1	.	1	.	.	1	1	.
$1297296_2 = \chi_{103}$	.	.	1	1	.	.	1	.	1	.	1	.	1
$1441792_2 = \chi_{104}$	1	.	.	.	.	1	1	.	.	.	.	.	.
$2555904_3 = \chi_{113}$	.	.	.	.	.	1	.	.	.	.	1	.	.
$2555904_4 = \chi_{114}$	.	.	.	.	.	.	1	.	.	.	1	.	.

(Block 39:)	φ_{92}	φ_{93}	φ_{96}		
$352_1 = \chi_{66}$	.	.	.		
$5824_1 = \chi_{69}$	.	.	.	$\varphi_{60} =$	352_1
$5824_2 = \chi_{70}$	.	.	.	$\varphi_{63} =$	5824_1
$5824_3 = \chi_{71}$	.	.	.	$\varphi_{64} =$	5824_2
$5824_4 = \chi_{72}$	.	.	.	$\varphi_{65} =$	5824_3
$13728_1 = \chi_{73}$	.	.	.	$\varphi_{66} =$	5824_4
$13728_2 = \chi_{74}$	.	.	.	$\varphi_{67} =$	13376_1
$27456_1 = \chi_{75}$	.	.	.	$\varphi_{68} =$	13376_2
$48048_2 = \chi_{76}$	.	.	.	$\varphi_{69} =$	23024_1
$48048_3 = \chi_{77}$	.	.	.	$\varphi_{70} =$	23024_2
$133056_1 = \chi_{81}$	.	.	.	$\varphi_{71} =$	27456_1
$146432_1 = \chi_{82}$	.	.	.	$\varphi_{72} =$	87008_1
$146432_2 = \chi_{83}$	.	.	.	$\varphi_{75} =$	121408_1
$235872_1 = \chi_{85}$	.	.	.	$\varphi_{76} =$	121408_2
$235872_2 = \chi_{86}$	.	.	.	$\varphi_{92} =$	1040832_1
$1297296_1 = \chi_{102}$	1	.	.	$\varphi_{93} =$	1040832_2
$1297296_2 = \chi_{103}$	.	1	.	$\varphi_{96} =$	1414688_1
$1441792_2 = \chi_{104}$	.	.	1		
$2555904_3 = \chi_{113}$	1	.	1		
$2555904_4 = \chi_{114}$	.	1	1		

Block 40:	φ_{61}	φ_{79}	φ_{86}	φ_{100}		
$2080_1 = \chi_{67}$	1	.	.	.	$\varphi_{61} =$	2080_1
$320320_2 = \chi_{87}$	1	1	.	.	$\varphi_{79} =$	318240_1
$480480_2 = \chi_{94}$	.	.	1	.	$\varphi_{86} =$	480480_2
$2196480_1 = \chi_{107}$	.	1	.	1	$\varphi_{100} =$	1878240_2
$2358720_2 = \chi_{110}$	.	.	1	1		

Block 41:	φ_{62}	φ_{80}	φ_{85}	φ_{99}		
$2080_2 = \chi_{68}$	1	.	.	.	$\varphi_{62} =$	2080_2
$320320_3 = \chi_{88}$	1	1	.	.	$\varphi_{80} =$	318240_2
$480480_1 = \chi_{93}$	.	.	1	.	$\varphi_{85} =$	480480_1
$2196480_2 = \chi_{108}$	.	1	.	1	$\varphi_{99} =$	1878240_1
$2358720_1 = \chi_{109}$	.	.	1	1		

[illegible]

(Blocks 61, 62:)	φ_{124}	φ_{128}	φ_{130}	φ_{135}	φ_{136}	
$351_1 = \chi_{115}$	.	.	.	.	.	
$7722_1 = \chi_{116}$	.	.	.	.	.	$\varphi_{103} = 351_1$
$12474_1 = \chi_{117}$	.	.	.	.	.	$\varphi_{104} = 2079_1$
$12474_3 = \chi_{118}$	.	.	.	.	.	$\varphi_{105} = 5643_1$
$19656_1 = \chi_{120}$	.	.	.	.	.	$\varphi_{106} = 12474_1$
$27027_1 = \chi_{121}$	.	.	.	.	.	$\varphi_{107} = 12474_3$
$54054_1 = \chi_{124}$	.	.	.	.	.	$\varphi_{108} = 14013_1$
$123552_1 = \chi_{127}$	.	.	.	.	.	$\varphi_{111} = 27027_1$
$235872_3 = \chi_{128}$	.	.	.	.	.	$\varphi_{112} = 48411_1$
$432432_1 = \chi_{137}$	.	.	.	.	.	$\varphi_{115} = 96174_1$
$494208_1 = \chi_{138}$	1	.	.	.	.	$\varphi_{117} = 114399_1$
$577368_2 = \chi_{139}$	.	1	.	.	.	$\varphi_{120} = 315954_1$
$608256_1 = \chi_{140}$	.	.	1	.	.	$\varphi_{124} = 373086_1$
$938223_2 = \chi_{145}$	.	.	1	.	.	$\varphi_{128} = 507222_1$
$1297296_3 = \chi_{148}$	1	.	1	.	.	$\varphi_{130} = 608256_1$
$1297296_5 = \chi_{149}$	.	.	.	.	1	$\varphi_{135} = 951885_1$
$1729728_1 = \chi_{157}$	.	1	.	.	1	$\varphi_{136} = 1174095_1$
$1791153_2 = \chi_{158}$	.	1	.	1	.	
$1876446_2 = \chi_{160}$	1	.	.	1	.	
$2729376_2 = \chi_{163}$	.	1	.	1	1	

Blocks 63, 64:	φ_{109}	φ_{110}	φ_{125}	φ_{134}	
$19305_1 = \chi_{119}$	1	.	.	.	$\varphi_{109} = 19305_1$
$42120_1 = \chi_{122}$	1	1	.	.	$\varphi_{110} = 22815_1$
$405405_3 = \chi_{136}$	.	1	1	.	$\varphi_{125} = 382590_1$
$852930_2 = \chi_{144}$	.	.	.	1	$\varphi_{134} = 852930_1$
$1235520_1 = \chi_{147}$	.	.	1	1	

Blocks 75, 76:	φ_{121}	φ_{127}	φ_{129}	φ_{137}	
$360855_2 = \chi_{131}$	1	.	.	.	$\varphi_{121} = 360855_1$
$405405_1 = \chi_{135}$	.	1	.	.	$\varphi_{127} = 405405_1$
$997920_1 = \chi_{146}$	.	1	1	.	$\varphi_{129} = 592515_1$
$1621620_1 = \chi_{154}$	1	.	.	1	$\varphi_{137} = 1260765_1$
$1853280_1 = \chi_{159}$	.	.	1	1	

Blocks 107, 108:	φ_{147}	φ_{148}	φ_{151}	φ_{152}	φ_{155}	φ_{156}	φ_{157}	φ_{160}	φ_{161}	φ_{162}	φ_{163}
$1728_1 = \chi_{165}$	1	.	.	.	.	.	.	.	.	.	.
$1728_3 = \chi_{166}$	.	1	.	.	.	.	.	.	.	.	.
$61776_1 = \chi_{167}$	.	.	1	.	.	.	.	.	.	.	.
$61776_3 = \chi_{168}$	.	.	.	1	.	.	.	.	.	.	.
$123552_3 = \chi_{173}$	.	.	.	.	1	.	.	.	.	.	.
$314496_1 = \chi_{176}$	1	.	.	.	.	.	.	1	.	.	.
$314496_3 = \chi_{177}$	.	1	.	.	.	.	.	.	1	.	.
$314496_5 = \chi_{178}$	.	1	.	.	.	.	.	.	.	1	.
$314496_7 = \chi_{179}$	1	.	.	.	.	.	.	.	.	.	1
$359424_1 = \chi_{180}$	.	.	1	.	.	1	.	.	.	.	.
$359424_3 = \chi_{181}$	.	.	.	1	.	.	1	.	.	.	.
$432432_3 = \chi_{182}$	1	.	.	.	.	.	.	.	.	.	.
$432432_5 = \chi_{183}$	.	1	.	.	.	.	.	.	.	.	.
$1729728_3 = \chi_{190}$	.	.	.	.	1	1	.	.	.	.	.
$1729728_5 = \chi_{191}$	.	.	.	.	1	.	1	.	.	.	.
$1796256_1 = \chi_{192}$	.	.	.	.	.	.	.	1	1	.	.
$1796256_3 = \chi_{193}$	.	.	.	.	.	.	.	.	.	1	1
$2594592_1 = \chi_{194}$	.	.	.	.	1	.	.	.	.	.	.
$2965248_1 = \chi_{195}$	1	.	.	.	.	1	.	1	.	.	1
$2965248_3 = \chi_{196}$	.	1	.	.	.	.	1	.	1	1	.

(Blocks 107, 108:)	φ_{164}	φ_{165}	φ_{166}	φ_{167}	φ_{168}	
$1728_1 = \chi_{165}$	.	.	.	.	.	$\varphi_{147} = 1728_1$
$1728_3 = \chi_{166}$	.	.	.	.	.	$\varphi_{148} = 1728_3$
$61776_1 = \chi_{167}$	.	.	.	.	.	$\varphi_{151} = 61776_1$
$61776_3 = \chi_{168}$	.	.	.	.	.	$\varphi_{152} = 61776_3$
$123552_3 = \chi_{173}$	.	.	.	.	.	$\varphi_{155} = 123552_1$
$314496_1 = \chi_{176}$	.	.	.	.	.	$\varphi_{156} = 297648_1$
$314496_3 = \chi_{177}$	.	.	.	.	.	$\varphi_{157} = 297648_3$
$314496_5 = \chi_{178}$	.	.	.	.	.	$\varphi_{160} = 312768_1$
$314496_7 = \chi_{179}$	.	.	.	.	.	$\varphi_{161} = 312768_3$
$359424_1 = \chi_{180}$	.	.	.	.	.	$\varphi_{162} = 312768_5$
$359424_3 = \chi_{181}$	.	.	.	.	.	$\varphi_{163} = 312768_7$
$432432_3 = \chi_{182}$	1	.	.	.	.	$\varphi_{164} = 430704_1$
$432432_5 = \chi_{183}$	.	1	.	.	.	$\varphi_{165} = 430704_3$
$1729728_3 = \chi_{190}$	1	.	1	1	.	$\varphi_{166} = 438912_1$
$1729728_5 = \chi_{191}$	.	1	1	1	.	$\varphi_{167} = 438912_3$
$1796256_1 = \chi_{192}$	.	.	.	1	1	$\varphi_{168} = 731808_1$
$1796256_3 = \chi_{193}$	.	.	1	.	1	
$2594592_1 = \chi_{194}$	1	1	1	1	1	
$2965248_1 = \chi_{195}$	1	.	1	1	1	
$2965248_3 = \chi_{196}$	.	1	1	1	1	

Blocks 109, 110:	φ_{149}	φ_{153}	φ_{159}	φ_{170}	
$71280_1 = \chi_{169}$	.	1	.	.	$\varphi_{149} = 41040_1$
$112320_1 = \chi_{171}$	1	1	.	.	$\varphi_{153} = 71280_1$
$308880_3 = \chi_{175}$	.	.	1	.	$\varphi_{159} = 308880_3$
$967680_3 = \chi_{185}$	1	.	.	1	$\varphi_{170} = 926640_3$
$1235520_5 = \chi_{189}$	.	.	1	1	

Blocks 111, 112:	φ_{150}	φ_{154}	φ_{158}	φ_{169}	
$71280_3 = \chi_{170}$	.	1	.	.	$\varphi_{150} = 41040_3$
$112320_3 = \chi_{172}$	1	1	.	.	$\varphi_{154} = 71280_3$
$308880_1 = \chi_{174}$	.	.	1	.	$\varphi_{158} = 308880_1$
$967680_1 = \chi_{184}$	1	.	.	1	$\varphi_{169} = 926640_1$
$1235520_3 = \chi_{188}$	.	.	1	1	