

$A_{18} \pmod{5}$

	blocks	defect	matrix
$G :$	1	3	65×40
	2	3	37×20
	3	2	20×14
	4	2	20×14
	5	2	20×14
	6	2	13×10
	7	1	5×4
	8	1	5×4
	9	0	$331500_1 = \chi_{55}, \varphi_{44}$
	10	0	$1215500_1 = \chi_{98}, \varphi_{72}$
	11	1	5×4
	12	0	$1823250_1 = \chi_{117}, \varphi_{131}$
	13	0	$1989000_1 = \chi_{118}, \varphi_{70}$
	14	0	$3646500_1 = \chi_{146}, \varphi_{102}$
	15	0	$3978000_1 = \chi_{153}, \varphi_{106}$
	16	0	$4862000_1 = \chi_{163}, \varphi_{107}$
	17	0	$5469750_1 = \chi_{172}, \varphi_{127}$
	18	0	$6872250_1 = \chi_{181}, \varphi_{105}$
	19	0	$16243500_1 = \chi_{199}, \varphi_{134}$

[illegible]

(Block 1:)	φ_{35}	φ_{37}	φ_{40}	φ_{43}	φ_{46}	φ_{53}	φ_{54}	φ_{59}	φ_{61}	φ_{63}	φ_{65}	φ_{73}	φ_{75}
$1_1 = \chi_1$	.	.	.	.	.	.	.	.	.	.	.	.	.
$136_1 = \chi_4$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1344_1 = \chi_7$	.	.	.	.	.	.	.	.	.	.	.	.	.
$2244_1 = \chi_8$	.	.	.	.	.	.	.	.	.	.	.	.	.
$4641_1 = \chi_{10}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$4862_1 = \chi_{11}$	.	.	.	.	.	.	.	.	1	.	.	.	.
$5508_1 = \chi_{12}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$6188_1 = \chi_{13}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$19448_1 = \chi_{20}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$22848_1 = \chi_{21}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$24192_1 = \chi_{22}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$35343_1 = \chi_{26}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$58344_1 = \chi_{29}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$87516_1 = \chi_{32}$	.	.	.	.	.	.	.	.	1	.	1	.	.
$88128_1 = \chi_{33}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$102102_1 = \chi_{37}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$111384_1 = \chi_{39}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$143208_1 = \chi_{43}$	.	.	.	.	.	.	.	.	1	.	.	.	.
$162162_1 = \chi_{44}$	.	.	1	.	.	.	.	1	.	.	.	.	.
$219912_1 = \chi_{46}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$251328_1 = \chi_{49}$	.	1	1	.	.	.	.	.	.	.	.	.	.
$322218_1 = \chi_{54}$	.	.	.	1	.	.	.	.	.	1	.	.	.
$339456_1 = \chi_{56}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$363528_1 = \chi_{60}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$408408_1 = \chi_{62}$	.	.	.	.	.	.	.	.	1	.	.	.	.
$501228_1 = \chi_{66}$	.	.	.	1	1	.	.	.	.	.	.	.	.
$590733_1 = \chi_{70}$	.	.	.	.	.	.	.	1	.	.	.	.	.
$612612_1 = \chi_{72}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$612612_3 = \chi_{74}$	.	1	1	.	.	.	1	1	.	.	.	.	.
$659736_1 = \chi_{77}$	.	.	.	.	.	.	.	1	.	.	.	.	.
$678912_1 = \chi_{78}$	.	.	.	1	1	.	.	.	.	1	1	.	.
$714714_1 = \chi_{79}$	1	.	.	.	.	1	.	.	.	.	.	.	.
$779688_1 = \chi_{80}$	.	.	.	.	1	.	1	.	.	.	1	.	.
$787644_2 = \chi_{82}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$848232_1 = \chi_{84}$	.	1	.	.	1	.	1	.	.	.	.	.	.
$952952_1 = \chi_{89}$	.	1	.	.	.	.	.	.	.	1	.	.	.
$1018368_1 = \chi_{90}$	.	.	.	.	.	.	1	1	.	.	.	.	.
$1089088_1 = \chi_{93}$	.	.	.	.	.	1	.	.	.	.	.	.	.
$1225224_1 = \chi_{99}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1272348_1 = \chi_{103}$	1	.	.	.	.	1	.	.	.	.	.	.	.

(Block 1:)	φ_{77}	φ_{78}	φ_{85}	φ_{87}	φ_{90}	φ_{95}	φ_{96}	φ_{97}	φ_{99}	φ_{101}	φ_{104}	φ_{113}
$1_1 = \chi_1$	.	.	.	.	.	.	.	.	.	.	.	.
$136_1 = \chi_4$	.	.	.	.	.	.	.	.	.	.	.	.
$1344_1 = \chi_7$	.	.	.	.	.	.	.	.	.	.	.	.
$2244_1 = \chi_8$	.	.	.	.	.	.	.	.	.	.	.	.
$4641_1 = \chi_{10}$	.	.	.	.	.	.	.	.	.	.	.	.
$4862_1 = \chi_{11}$	.	.	.	.	.	.	.	.	.	.	.	.
$5508_1 = \chi_{12}$	.	.	.	.	.	.	.	.	.	.	.	.
$6188_1 = \chi_{13}$	.	.	.	.	.	.	.	.	.	.	.	.
$19448_1 = \chi_{20}$	.	.	.	.	.	.	.	.	.	.	.	.
$22848_1 = \chi_{21}$	.	.	.	.	.	.	.	.	.	.	.	.
$24192_1 = \chi_{22}$	.	.	.	.	.	.	.	.	.	.	.	.
$35343_1 = \chi_{26}$	.	.	.	.	.	.	.	.	.	.	.	.
$58344_1 = \chi_{29}$	.	.	.	.	.	.	.	.	.	.	.	.
$87516_1 = \chi_{32}$	.	.	.	.	.	.	.	.	.	.	.	.
$88128_1 = \chi_{33}$	.	.	.	.	.	.	.	.	.	.	.	.
$102102_1 = \chi_{37}$	.	.	.	.	.	.	.	.	.	.	.	.
$111384_1 = \chi_{39}$	.	.	.	.	.	.	.	.	.	.	.	.
$143208_1 = \chi_{43}$	.	.	.	1	.	.	.	.	.	.	.	.
$162162_1 = \chi_{44}$	.	.	.	.	.	.	.	.	.	.	.	.
$219912_1 = \chi_{46}$	.	.	.	.	.	.	.	.	.	.	.	.
$251328_1 = \chi_{49}$	.	.	.	.	.	.	.	.	.	.	.	.
$322218_1 = \chi_{54}$	.	.	.	.	.	.	.	.	.	.	.	.
$339456_1 = \chi_{56}$	.	.	.	.	.	.	.	.	.	.	.	.
$363528_1 = \chi_{60}$	.	.	.	.	.	.	.	.	.	.	.	.
$408408_1 = \chi_{62}$	.	.	.	.	.	.	1	.	.	.	.	.
$501228_1 = \chi_{66}$	.	.	.	.	.	.	.	.	.	.	.	.
$590733_1 = \chi_{70}$	.	.	1	.	.	.	.	.	.	.	.	.
$612612_1 = \chi_{72}$	.	.	.	1	1	.	.	.	.	.	.	.
$612612_3 = \chi_{74}$	.	.	.	.	.	.	.	.	.	.	.	.
$659736_1 = \chi_{77}$	.	.	.	.	.	.	.	.	.	1	.	.
$678912_1 = \chi_{78}$	.	.	.	.	.	.	.	.	.	.	.	.
$714714_1 = \chi_{79}$	.	.	.	.	.	.	.	.	.	.	.	.
$779688_1 = \chi_{80}$	.	1	.	.	.	.	.	.	.	.	.	.
$787644_2 = \chi_{82}$	.	.	.	.	1	.	.	.	.	.	.	1
$848232_1 = \chi_{84}$	.	.	.	.	.	.	.	.	.	.	.	.
$952952_1 = \chi_{89}$	.	.	.	.	.	.	.	.	.	.	.	1
$1018368_1 = \chi_{90}$	.	1	1	.	.	.	.	.	.	.	.	.
$1089088_1 = \chi_{93}$	1	.	.	.	.	.	.	.	.	.	.	.
$1225224_1 = \chi_{99}$	1	1	1	.	.	.	.	.	.	.	.	.
$1272348_1 = \chi_{103}$	.	.	.	.	1	1	.	.	.	.	.	.

(Block 1:)	φ_{117}	φ_{128}
$1_1 = \chi_1$	.	.
$136_1 = \chi_4$	.	.
$1344_1 = \chi_7$	.	.
$2244_1 = \chi_8$	.	.
$4641_1 = \chi_{10}$	.	.
$4862_1 = \chi_{11}$	.	.
$5508_1 = \chi_{12}$	.	.
$6188_1 = \chi_{13}$	.	.
$19448_1 = \chi_{20}$	.	.
$22848_1 = \chi_{21}$	.	.
$24192_1 = \chi_{22}$	.	.
$35343_1 = \chi_{26}$	.	.
$58344_1 = \chi_{29}$	.	.
$87516_1 = \chi_{32}$	.	.
$88128_1 = \chi_{33}$	.	.
$102102_1 = \chi_{37}$	.	.
$111384_1 = \chi_{39}$	.	.
$143208_1 = \chi_{43}$	.	.
$162162_1 = \chi_{44}$	.	.
$219912_1 = \chi_{46}$	.	.
$251328_1 = \chi_{49}$	.	.
$322218_1 = \chi_{54}$	.	.
$339456_1 = \chi_{56}$	.	.
$363528_1 = \chi_{60}$	.	.
$408408_1 = \chi_{62}$	.	.
$501228_1 = \chi_{66}$	.	.
$590733_1 = \chi_{70}$	.	.
$612612_1 = \chi_{72}$	.	.
$612612_3 = \chi_{74}$	.	.
$659736_1 = \chi_{77}$	.	.
$678912_1 = \chi_{78}$	.	.
$714714_1 = \chi_{79}$	.	.
$779688_1 = \chi_{80}$	.	.
$787644_2 = \chi_{82}$	.	.
$848232_1 = \chi_{84}$	.	.
$952952_1 = \chi_{89}$	.	.
$1018368_1 = \chi_{90}$	.	.
$1089088_1 = \chi_{93}$	.	.
$1225224_1 = \chi_{99}$	.	.
$1272348_1 = \chi_{103}$	.	.

[illegible]

(Block 1:)	φ_{35}	φ_{37}	φ_{40}	φ_{43}	φ_{46}	φ_{53}	φ_{54}	φ_{59}	φ_{61}	φ_{63}	φ_{65}	φ_{73}	φ_{75}
$1429428_1 = \chi_{107}$	.	.	.	.	.	.	.	.	1	.	.	1	.
$1429428_2 = \chi_{108}$	.	.	.	.	.	.	.	.	1	1	1	.	.
$1575288_1 = \chi_{113}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$1575288_2 = \chi_{114}$	.	.	.	.	.	1	.	.	.	.	.	.	.
$2362932_1 = \chi_{124}$	.	.	.	1	.	.	.	.	.	1	.	.	.
$2756754_2 = \chi_{129}$	.	.	.	.	.	.	.	.	1	.	1	.	.
$3007368_1 = \chi_{135}$	.	.	.	.	.	.	.	.	.	.	.	1	.
$3055104_1 = \chi_{136}$	.	.	.	.	.	.	.	.	1	.	.	1	.
$3508596_1 = \chi_{143}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$3544398_1 = \chi_{145}$	1	.	.	.	.	1	.	.	.	.	.	.	1
$3675672_1 = \chi_{147}$	.	.	.	1	1	.	1	.	.	.	1	.	.
$3734016_1 = \chi_{148}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$3877632_1 = \chi_{149}$	1	.	.	.	.	.	.	.	.	.	.	1	1
$4200768_1 = \chi_{154}$	.	1	.	1	1	.	1	.	.	1	1	.	.
$4230144_1 = \chi_{155}$	.	.	1	.	.	.	.	1	.	.	.	.	.
$4511052_1 = \chi_{158}$	.	1	1	.	.	.	1	1	.	.	.	.	.
$5361664_1 = \chi_{171}$	1	.	.	.	.	1	.	.	.	.	.	.	1
$6432426_1 = \chi_{177}$	1	.	.	.	.	.	.	.	1	.	.	1	1
$6534528_1 = \chi_{178}$	.	1	1	1	.	.	1	.	.	.	.	.	.
$6534528_2 = \chi_{179}$	.	.	.	1	.	.	.	.	.	1	.	.	.
$7634088_1 = \chi_{183}$	.	.	.	.	.	.	.	.	.	.	.	.	1
$8270262_1 = \chi_{188}$	.	.	.	1	.	.	1	.	1	1	1	.	.
$8576568_1 = \chi_{190}$	.	.	1	.	.	.	1	1	.	.	.	.	.
$9165312_1 = \chi_{191}$	.	.	1	1	.	.	.	.	1	.	.	.	.
$9801792_1 = \chi_{195}$	.	.	.	.	.	.	.	.	1	.	.	1	1

(Block 1:)	φ_{77}	φ_{78}	φ_{85}	φ_{87}	φ_{90}	φ_{95}	φ_{96}	φ_{97}	φ_{99}	φ_{101}	φ_{104}	φ_{113}
$1429428_1 = \chi_{107}$	.	.	.	.	.	.	.	.	.	.	.	.
$1429428_2 = \chi_{108}$	.	1	.	.	.	.	.	.	1	.	.	.
$1575288_1 = \chi_{113}$	.	.	.	.	.	.	1	1	.	.	.	.
$1575288_2 = \chi_{114}$	1	1	.	.	.	1	.	.	.	.	.	.
$2362932_1 = \chi_{124}$	.	.	.	.	.	.	.	1	1	.	.	.
$2756754_2 = \chi_{129}$	.	.	.	1	.	.	.	.	.	.	.	.
$3007368_1 = \chi_{135}$	.	.	.	.	.	.	.	1	.	1	.	.
$3055104_1 = \chi_{136}$	.	.	.	1	.	.	1	1	.	.	.	.
$3508596_1 = \chi_{143}$	.	.	.	.	.	.	1	.	.	.	1	.
$3544398_1 = \chi_{145}$	1	.	.	.	.	.	.	.	.	.	.	.
$3675672_1 = \chi_{147}$	.	1	.	.	.	1	.	.	.	.	.	.
$3734016_1 = \chi_{148}$	.	.	.	1	1	1	.	.	.	.	.	1
$3877632_1 = \chi_{149}$	.	.	.	.	.	.	.	.	.	.	.	.
$4200768_1 = \chi_{154}$	.	.	.	.	.	.	.	.	.	.	.	1
$4230144_1 = \chi_{155}$	.	.	1	.	.	.	.	.	.	1	1	.
$4511052_1 = \chi_{158}$	.	.	.	.	.	.	.	.	.	1	.	1
$5361664_1 = \chi_{171}$	1	1	.	.	1	1	.	.	1	.	.	.
$6432426_1 = \chi_{177}$	.	.	.	1	1	.	.	1	1	.	.	.
$6534528_1 = \chi_{178}$	.	.	.	1	.	.	.	.	.	.	.	1
$6534528_2 = \chi_{179}$	.	.	.	1	1	.	.	1	1	1	.	1
$7634088_1 = \chi_{183}$	1	1	1	.	.	.	.	.	1	.	1	.
$8270262_1 = \chi_{188}$	.	1	.	1	1	1	.	.	1	.	.	1
$8576568_1 = \chi_{190}$	.	1	1	.	.	.	.	.	1	1	1	.
$9165312_1 = \chi_{191}$	.	.	.	1	.	.	1	1	1	1	1	.
$9801792_1 = \chi_{195}$	.	.	.	.	.	.	1	1	1	1	1	.

(Block 1:)	φ_{117}	φ_{128}
$1429428_1 = \chi_{107}$	.	.
$1429428_2 = \chi_{108}$	.	.
$1575288_1 = \chi_{113}$	.	.
$1575288_2 = \chi_{114}$	.	.
$2362932_1 = \chi_{124}$	.	.
$2756754_2 = \chi_{129}$	1	.
$3007368_1 = \chi_{135}$	.	.
$3055104_1 = \chi_{136}$	.	.
$3508596_1 = \chi_{143}$	.	.
$3544398_1 = \chi_{145}$	.	.
$3675672_1 = \chi_{147}$	1	.
$3734016_1 = \chi_{148}$	1	.
$3877632_1 = \chi_{149}$	.	.
$4200768_1 = \chi_{154}$	1	.
$4230144_1 = \chi_{155}$	.	.
$4511052_1 = \chi_{158}$	.	1
$5361664_1 = \chi_{171}$	.	.
$6432426_1 = \chi_{177}$	.	.
$6534528_1 = \chi_{178}$	1	1
$6534528_2 = \chi_{179}$	.	1
$7634088_1 = \chi_{183}$	.	.
$8270262_1 = \chi_{188}$	1	1
$8576568_1 = \chi_{190}$	.	1
$9165312_1 = \chi_{191}$	.	1
$9801792_1 = \chi_{195}$	.	.

$\varphi_1 = 1_1$
$\varphi_4 = 136_1$
$\varphi_6 = 1208_1$
$\varphi_8 = 2243_1$
$\varphi_{10} = 3433_1$
$\varphi_{13} = 3265_1$
$\varphi_{14} = 17339_1$
$\varphi_{16} = 18004_1$
$\varphi_{18} = 6188_1$
$\varphi_{22} = 72775_1$
$\varphi_{26} = 54911_1$
$\varphi_{30} = 86920_1$
$\varphi_{31} = 128215_1$
$\varphi_{35} = 242489_1$
$\varphi_{37} = 176969_1$
$\varphi_{40} = 19448_1$
$\varphi_{43} = 15182_1$
$\varphi_{46} = 269567_1$
$\varphi_{53} = 466037_1$
$\varphi_{54} = 273481_1$
$\varphi_{59} = 142714_1$
$\varphi_{61} = 1597_1$
$\varphi_{63} = 91901_1$
$\varphi_{65} = 82486_1$
$\varphi_{73} = 1349547_1$
$\varphi_{75} = 2212821_1$
$\varphi_{77} = 623051_1$
$\varphi_{78} = 154154_1$
$\varphi_{85} = 448019_1$
$\varphi_{87} = 65571_1$
$\varphi_{90} = 231776_1$
$\varphi_{95} = 332046_1$
$\varphi_{96} = 386207_1$
$\varphi_{97} = 1138555_1$
$\varphi_{99} = 1093102_1$
$\varphi_{101} = 517022_1$
$\varphi_{104} = 3102941_1$
$\varphi_{113} = 555731_1$
$\varphi_{117} = 2547548_1$
$\varphi_{128} = 2825687_1$

Block 2:	φ_2	φ_5	φ_{15}	φ_{19}	φ_{21}	φ_{24}	φ_{27}	φ_{38}	φ_{42}	φ_{49}	φ_{55}	φ_{57}	φ_{82}
$17_1 = \chi_2$	1	.	.	.	.	.	.	.	.	.	.	.	.
$663_1 = \chi_5$	1	1	.	.	.	.	.	.	.	.	.	.	.
$9996_1 = \chi_{16}$	.	1	.	1	.	.	.	.	.	.	.	.	.
$11934_1 = \chi_{17}$	.	.	.	1	.	.	.	.	1	.	.	.	.
$12376_1 = \chi_{18}$	.	.	.	.	.	.	1	.	.	.	.	.	.
$29172_1 = \chi_{24}$	.	1	1	.	.	.	.	.	.	.	.	.	.
$99144_1 = \chi_{36}$	1	1	1	1	1	.	.	.	.	.	.	.	.
$106029_1 = \chi_{38}$	.	.	.	.	.	1	1	.	.	.	.	.	.
$136136_1 = \chi_{42}$	.	.	.	1	1	.	.	.	1	.	.	.	.
$182784_1 = \chi_{45}$	.	.	1	.	1	1	.	.	.	.	.	.	.
$259896_1 = \chi_{51}$	1	1	.	1	1	.	.	.	1	1	.	.	.
$459459_1 = \chi_{64}$	.	.	.	.	.	.	1	.	.	.	.	1	.
$466752_1 = \chi_{65}$	.	.	1	.	.	.	.	.	1	.	.	.	.
$612612_2 = \chi_{73}$	.	.	.	.	1	1	1	1	.	.	.	.	.
$787644_1 = \chi_{81}$	.	1	1	1	1	.	.	.	1	1	.	.	.
$933504_1 = \chi_{87}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$933504_2 = \chi_{88}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$1145664_1 = \chi_{96}$	.	.	.	.	1	.	.	1	.	1	1	.	.
$1233792_1 = \chi_{100}$	.	.	.	.	.	.	.	.	.	.	.	1	.
$1244672_1 = \chi_{101}$	.	.	.	.	.	.	.	.	.	.	.	.	1
$1244672_2 = \chi_{102}$	.	.	.	.	.	.	.	.	.	.	.	.	1
$1357824_1 = \chi_{106}$	.	.	.	.	.	.	1	1	.	.	1	1	.
$1503684_1 = \chi_{111}$	1	.	.	.	1	.	.	1	.	.	.	.	.
$2144142_1 = \chi_{120}$	.	.	.	.	.	.	.	.	.	.	1	1	1
$2756754_1 = \chi_{128}$	1	1	1	.	1	1	.	.	1	1	.	.	.
$2858856_1 = \chi_{131}$	1	1	.	.	.	.	.	.	.	1	.	.	.
$2858856_2 = \chi_{132}$	.	.	.	.	.	.	.	.	.	1	1	.	.
$3267264_1 = \chi_{140}$	.	.	.	.	.	1	1	.	1	.	.	.	.
$3508596_2 = \chi_{144}$	.	.	.	.	.	.	1	.	1	.	.	.	.
$4288284_1 = \chi_{156}$	.	.	.	.	.	.	1	1	.	.	1	1	.
$4691456_1 = \chi_{160}$	.	.	.	.	.	.	.	.	.	.	1	.	1
$4691456_2 = \chi_{161}$	.	.	.	.	.	.	.	.	.	.	1	.	1
$4725864_1 = \chi_{162}$	.	.	.	.	.	.	.	.	.	.	1	.	2
$5346432_1 = \chi_{170}$	1	.	.	.	1	1	1	1	1	1	1	.	.
$5937624_1 = \chi_{173}$	.	.	.	.	.	.	1	.	.	.	1	1	1
$7088796_1 = \chi_{182}$	1	.	.	.	.	.	.	.	1	.	.	.	.
$8019648_1 = \chi_{186}$	.	.	.	.	.	.	.	.	2	1	1	.	.

(Block 2:)	φ_{86}	φ_{91}	φ_{108}	φ_{114}	φ_{116}	φ_{118}	φ_{120}	
$17_1 = \chi_2$	.	.	.	.	.	.	.	
$663_1 = \chi_5$	.	.	.	.	.	.	.	
$9996_1 = \chi_{16}$	.	.	.	.	.	.	.	
$11934_1 = \chi_{17}$	.	.	.	.	.	.	.	
$12376_1 = \chi_{18}$	.	.	.	.	.	.	.	
$29172_1 = \chi_{24}$	.	.	.	.	.	.	.	
$99144_1 = \chi_{36}$	.	.	.	.	.	.	.	
$106029_1 = \chi_{38}$	.	.	.	.	.	.	.	
$136136_1 = \chi_{42}$	1	.	.	.	.	.	.	$\varphi_2 = 17_1$
$182784_1 = \chi_{45}$	.	.	.	.	.	.	.	$\varphi_5 = 646_1$
$259896_1 = \chi_{51}$	.	.	.	.	.	.	.	$\varphi_{15} = 28526_1$
$459459_1 = \chi_{64}$	.	.	.	.	.	.	.	$\varphi_{19} = 9350_1$
$466752_1 = \chi_{65}$	.	1	.	.	.	.	.	$\varphi_{21} = 60605_1$
$612612_2 = \chi_{73}$	.	.	.	.	.	.	.	$\varphi_{24} = 93653_1$
$787644_1 = \chi_{81}$	1	1	.	.	.	.	.	$\varphi_{27} = 12376_1$
$933504_1 = \chi_{87}$	.	.	.	1	.	.	.	$\varphi_{38} = 445978_1$
$933504_2 = \chi_{88}$	.	.	.	1	.	.	.	$\varphi_{42} = 2584_1$
$1145664_1 = \chi_{96}$	.	.	.	.	.	.	.	$\varphi_{49} = 186694_1$
$1233792_1 = \chi_{100}$	.	.	.	.	.	.	1	$\varphi_{55} = 452387_1$
$1244672_1 = \chi_{101}$	.	.	.	.	.	.	.	$\varphi_{57} = 447083_1$
$1244672_2 = \chi_{102}$	.	.	.	.	.	.	.	$\varphi_{82} = 1244672_1$
$1357824_1 = \chi_{106}$	.	.	.	.	.	.	.	$\varphi_{86} = 63597_1$
$1503684_1 = \chi_{111}$	1	.	.	1	.	.	.	$\varphi_{91} = 435642_1$
$2144142_1 = \chi_{120}$	.	.	.	.	.	.	.	$\varphi_{108} = 1784133_1$
$2756754_1 = \chi_{128}$	1	1	.	.	1	.	.	$\varphi_{114} = 933487_1$
$2858856_1 = \chi_{131}$	.	.	.	.	1	.	1	$\varphi_{116} = 1884790_1$
$2858856_2 = \chi_{132}$	.	1	1	.	.	.	.	$\varphi_{118} = 1210264_1$
$3267264_1 = \chi_{140}$	1	.	.	.	1	1	.	$\varphi_{120} = 786709_1$
$3508596_2 = \chi_{144}$	1	1	1	.	.	1	.	
$4288284_1 = \chi_{156}$	.	.	.	1	.	1	1	
$4691456_1 = \chi_{160}$	.	.	1	.	.	1	.	
$4691456_2 = \chi_{161}$	.	.	1	.	.	1	.	
$4725864_1 = \chi_{162}$	.	.	1	.	.	.	.	
$5346432_1 = \chi_{170}$	1	.	.	1	1	1	.	
$5937624_1 = \chi_{173}$	.	.	1	.	.	1	1	
$7088796_1 = \chi_{182}$	2	.	.	2	1	2	1	
$8019648_1 = \chi_{186}$	1	1	1	.	1	2	1	

Block 3:	φ_3	φ_{28}	φ_{29}	φ_{33}	φ_{36}	φ_{39}	φ_{41}	φ_{80}	φ_{88}	φ_{109}	φ_{112}	φ_{115}
$135_1 = \chi_3$	1	.	.	.	.	.	.	.	.	.	.	.
$13260_1 = \chi_{19}$	.	.	1	.	.	.	.	.	.	.	.	.
$60060_1 = \chi_{30}$	.	1	.	.	.	.	.	.	.	.	.	.
$112320_1 = \chi_{40}$	.	.	.	.	.	.	1	.	.	.	.	.
$228480_1 = \chi_{47}$	1	.	1	1	.	.	.	.	.	.	.	.
$255255_1 = \chi_{50}$	.	.	.	.	1	.	1	.	.	.	.	.
$268515_1 = \chi_{52}$	.	1	.	.	.	1	.	.	.	.	.	.
$358020_1 = \chi_{59}$	.	.	.	1	1	.	.	.	.	.	.	.
$510510_1 = \chi_{67}$	.	.	1	1	.	.	.	.	1	.	.	.
$556920_1 = \chi_{68}$	.	.	.	.	.	1	.	.	.	.	.	1
$1021020_2 = \chi_{92}$	1	.	.	.	.	.	.	.	.	.	1	1
$1312740_1 = \chi_{104}$	1	.	.	1	1	.	.	.	1	.	1	.
$2333760_2 = \chi_{123}$	.	.	.	.	.	1	.	1	.	.	.	.
$4455360_1 = \chi_{157}$	.	.	.	.	1	.	1	.	.	.	1	.
$6361740_1 = \chi_{176}$	.	.	.	.	.	.	.	1	.	1	.	.
$6789120_1 = \chi_{180}$	.	1	.	.	.	.	.	.	1	.	.	.
$7876440_2 = \chi_{185}$	.	.	.	.	.	.	1	.	.	1	.	.
$9189180_2 = \chi_{193}$	.	1	.	.	.	1	.	1	.	.	.	1
$11277630_1 = \chi_{197}$	.	.	.	.	.	.	.	.	1	.	1	1
$16336320_1 = \chi_{200}$	.	.	.	.	.	.	.	1	.	1	.	.

(Block 3:)	φ_{124}	φ_{129}		
$135_1 = \chi_3$	.	.		
$13260_1 = \chi_{19}$	.	.		
$60060_1 = \chi_{30}$	.	.	$\varphi_3 =$	135_1
$112320_1 = \chi_{40}$	.	.	$\varphi_{28} =$	60060_1
$228480_1 = \chi_{47}$	.	.	$\varphi_{29} =$	13260_1
$255255_1 = \chi_{50}$	.	.	$\varphi_{33} =$	215085_1
$268515_1 = \chi_{52}$	.	.	$\varphi_{36} =$	142935_1
$358020_1 = \chi_{59}$	.	.	$\varphi_{39} =$	208455_1
$510510_1 = \chi_{67}$	.	.	$\varphi_{41} =$	112320_1
$556920_1 = \chi_{68}$	.	.	$\varphi_{80} =$	2125305_1
$1021020_2 = \chi_{92}$	.	.	$\varphi_{88} =$	282165_1
$1312740_1 = \chi_{104}$	.	.	$\varphi_{109} =$	4236435_1
$2333760_2 = \chi_{123}$	.	.	$\varphi_{112} =$	672420_1
$4455360_1 = \chi_{157}$	.	1	$\varphi_{115} =$	348465_1
$6361740_1 = \chi_{176}$	.	.	$\varphi_{124} =$	6446895_1
$6789120_1 = \chi_{180}$	1	.	$\varphi_{129} =$	3527685_1
$7876440_2 = \chi_{185}$	.	1		
$9189180_2 = \chi_{193}$	1	.		
$11277630_1 = \chi_{197}$	1	1		
$16336320_1 = \chi_{200}$	1	1		

Block 4:	φ_7	φ_{12}	φ_{45}	φ_{47}	φ_{48}	φ_{51}	φ_{58}	φ_{66}	φ_{67}	φ_{71}	φ_{76}	φ_{93}
$680_1 = \chi_6$	1	.	.	.	.	.	.	.	.	.	.	.
$2380_1 = \chi_9$	.	1	.	.	.	.	.	.	.	.	.	.
$24310_1 = \chi_{23}$	.	.	.	.	.	.	1	.	.	.	.	.
$302940_1 = \chi_{53}$	.	.	.	.	.	1	1	.	.	.	.	.
$353430_1 = \chi_{58}$	.	.	1	.	.	.	.	.	.	.	.	.
$656370_1 = \chi_{76}$	.	1	.	.	1	.	.	.	.	.	.	.
$837760_1 = \chi_{83}$	.	.	.	.	1	.	.	.	1	.	.	.
$875160_1 = \chi_{85}$	1	.	.	.	.	.	.	.	1	.	.	1
$1099560_1 = \chi_{94}$	.	.	.	1	.	1	.	.	.	.	.	.
$1175040_1 = \chi_{97}$	1	.	1	1	.	.	.	.	.	.	.	.
$1531530_1 = \chi_{112}$	.	.	1	1	.	.	.	1	.	.	.	.
$1649340_1 = \chi_{115}$	.	.	.	.	.	.	1	.	.	.	1	.
$2148120_1 = \chi_{121}$	1	.	.	1	.	1	.	1	.	.	.	1
$2333760_1 = \chi_{122}$	.	1	.	.	.	.	.	1	.	.	.	.
$2382380_1 = \chi_{125}$	.	.	.	.	.	1	1	.	.	.	.	1
$3180870_1 = \chi_{137}$	.	1	.	.	1	.	.	.	1	1	.	.
$3965760_1 = \chi_{152}$	.	.	.	.	.	.	.	.	.	1	1	.
$4594590_1 = \chi_{159}$	.	.	.	.	.	.	.	1	1	.	.	1
$5012280_2 = \chi_{166}$	.	.	.	.	.	.	1	.	.	.	1	.
$6126120_1 = \chi_{174}$	.	1	.	.	.	.	.	.	1	1	1	.

(Block 4:)	φ_{100}	φ_{125}		
$680_1 = \chi_6$	.	.		
$2380_1 = \chi_9$	.	.		
$24310_1 = \chi_{23}$	.	.	$\varphi_7 =$	680_1
$302940_1 = \chi_{53}$	.	.	$\varphi_{12} =$	2380_1
$353430_1 = \chi_{58}$	.	.	$\varphi_{45} =$	353430_1
$656370_1 = \chi_{76}$	.	.	$\varphi_{47} =$	820930_1
$837760_1 = \chi_{83}$	.	.	$\varphi_{48} =$	653990_1
$875160_1 = \chi_{85}$	.	.	$\varphi_{51} =$	278630_1
$1099560_1 = \chi_{94}$	.	.	$\varphi_{58} =$	24310_1
$1175040_1 = \chi_{97}$	.	.	$\varphi_{66} =$	357170_1
$1531530_1 = \chi_{112}$	.	.	$\varphi_{67} =$	183770_1
$1649340_1 = \chi_{115}$	.	.	$\varphi_{71} =$	2340730_1
$2148120_1 = \chi_{121}$	.	.	$\varphi_{76} =$	1625030_1
$2333760_1 = \chi_{122}$	1	.	$\varphi_{93} =$	690710_1
$2382380_1 = \chi_{125}$	.	1	$\varphi_{100} =$	1974210_1
$3180870_1 = \chi_{137}$	.	.	$\varphi_{125} =$	1388730_1
$3965760_1 = \chi_{152}$	.	.		
$4594590_1 = \chi_{159}$	1	1		
$5012280_2 = \chi_{166}$	1	1		
$6126120_1 = \chi_{174}$	1	.		

Block 5:	φ_9	φ_{17}	φ_{20}	φ_{34}	φ_{50}	φ_{62}	φ_{68}	φ_{79}	φ_{81}	φ_{89}	φ_{92}	φ_{103}
$6885_1 = \chi_{14}$	1	.	.	.	.	.	.	.	.	.	.	.
$29835_1 = \chi_{25}$	.	1	.	.	.	.	.	.	.	.	.	.
$53040_1 = \chi_{27}$	1	.	1	.	.	.	.	.	.	.	.	.
$70720_1 = \chi_{31}$	.	.	1	.	.	1	.	.	.	.	.	.
$583440_1 = \chi_{69}$	.	1	.	1	.	.	.	.	.	.	.	.
$595595_1 = \chi_{71}$	.	.	.	.	.	.	.	.	1	.	.	.
$649740_1 = \chi_{75}$	1	.	1	.	.	1	1	.	.	.	.	.
$1021020_1 = \chi_{91}$	.	1	.	.	.	1	.	.	.	.	1	.
$1131520_1 = \chi_{95}$	.	.	.	1	.	.	.	.	.	1	.	.
$1349460_1 = \chi_{105}$	.	.	.	1	1	.	.	.	.	.	.	.
$1432080_1 = \chi_{109}$	.	.	.	.	.	.	.	.	1	.	.	1
$2598960_1 = \chi_{126}$	.	.	.	.	1	.	.	.	.	.	1	1
$2923830_1 = \chi_{133}$	.	1	.	1	1	.	.	.	.	1	1	.
$3198720_1 = \chi_{138}$	.	.	.	.	.	.	1	1	.	.	.	.
$3222180_1 = \chi_{139}$	.	.	.	.	.	.	.	1	1	.	.	.
$5250960_1 = \chi_{169}$	1	.	.	.	.	.	1	.	.	.	.	.
$7876440_1 = \chi_{184}$	.	.	.	.	.	1	.	.	.	1	1	1
$9529520_1 = \chi_{194}$	.	.	.	.	.	.	.	1	1	.	.	1
$10720710_1 = \chi_{196}$	.	.	.	.	.	.	.	.	.	1	.	.
$13366080_1 = \chi_{198}$	.	.	.	.	.	1	1	1	.	.	.	.

(Block 5:)	φ_{121}	φ_{123}		
$6885_1 = \chi_{14}$	.	.		
$29835_1 = \chi_{25}$	.	.		
$53040_1 = \chi_{27}$	.	.	$\varphi_9 =$	6885_1
$70720_1 = \chi_{31}$	.	.	$\varphi_{17} =$	29835_1
$583440_1 = \chi_{69}$	.	.	$\varphi_{20} =$	46155_1
$595595_1 = \chi_{71}$	.	.	$\varphi_{34} =$	553605_1
$649740_1 = \chi_{75}$	.	.	$\varphi_{50} =$	795855_1
$1021020_1 = \chi_{91}$	.	.	$\varphi_{62} =$	24565_1
$1131520_1 = \chi_{95}$	.	.	$\varphi_{68} =$	572135_1
$1349460_1 = \chi_{105}$	.	.	$\varphi_{79} =$	2626585_1
$1432080_1 = \chi_{109}$	.	.	$\varphi_{81} =$	595595_1
$2598960_1 = \chi_{126}$	.	.	$\varphi_{89} =$	577915_1
$2923830_1 = \chi_{133}$	.	.	$\varphi_{92} =$	966620_1
$3198720_1 = \chi_{138}$	.	.	$\varphi_{103} =$	836485_1
$3222180_1 = \chi_{139}$	.	.	$\varphi_{121} =$	4671940_1
$5250960_1 = \chi_{169}$	1	.	$\varphi_{123} =$	5470855_1
$7876440_1 = \chi_{184}$	.	1		
$9529520_1 = \chi_{194}$	.	1		
$10720710_1 = \chi_{196}$	1	1		
$13366080_1 = \chi_{198}$	1	1		

Block 6:	φ_{11}	φ_{32}	φ_{64}	φ_{69}	φ_{74}	φ_{83}	φ_{84}	φ_{98}	φ_{132}	φ_{133}
$7020_1 = \chi_{15}$	1	.	.	.	.	.	.	.	.	.
$91520_1 = \chi_{34}$	.	.	.	.	.	.	1	.	.	.
$91520_2 = \chi_{35}$	.	.	.	.	.	1	.	.	.	.
$238680_1 = \chi_{48}$	1	1	.	.	.	.	.	.	.	.
$340340_1 = \chi_{57}$	.	1	1	.	.	.	.	.	.	.
$875160_2 = \chi_{86}$	.	.	.	.	1	1	1	.	.	.
$2042040_1 = \chi_{119}$	1	.	1	.	.	.	.	1	.	.
$2625480_1 = \chi_{127}$	1	1	1	1	.	.	.	.	.	.
$2970240_1 = \chi_{134}$	.	.	.	1	1	.	.	.	.	.
$3960320_1 = \chi_{150}$	.	.	.	.	1	1	.	.	.	1
$3960320_2 = \chi_{151}$	.	.	.	.	1	.	1	.	1	.
$5012280_1 = \chi_{165}$	1	.	1	1	1	.	.	1	.	.
$9189180_1 = \chi_{192}$	.	.	2	.	1	.	.	1	1	1

$$\begin{array}{ll}
\varphi_{11} = & 7020_1 \\
\varphi_{32} = & 231660_1 \\
\varphi_{64} = & 108680_1 \\
\varphi_{69} = & 2278120_1 \\
\varphi_{74} = & 692120_1 \\
\varphi_{83} = & 91520_1 \\
\varphi_{84} = & 91520_2 \\
\varphi_{98} = & 1926340_1 \\
\varphi_{132} = & 3176680_1 \\
\varphi_{133} = & 3176680_2
\end{array}$$

Block 7:	φ_{23}	φ_{110}	φ_{111}	φ_{130}
$56100_1 = \chi_{28}$	1	.	.	.
$364650_1 = \chi_{61}$	1	.	1	.
$3281850_1 = \chi_{141}$	.	1	.	.
$5105100_2 = \chi_{168}$	.	.	1	1
$8078400_1 = \chi_{187}$	.	1	.	1

$$\begin{aligned}
\varphi_{23} &= 56100_1 \\
\varphi_{110} &= 3281850_1 \\
\varphi_{111} &= 308550_1 \\
\varphi_{130} &= 4796550_1
\end{aligned}$$

Block 8:	φ_{25}	φ_{60}	φ_{122}	φ_{126}
$116025_1 = \chi_{41}$	1	.	.	.
$447525_1 = \chi_{63}$	.	1	.	.
$2784600_1 = \chi_{130}$	.	1	.	1
$6265350_1 = \chi_{175}$	1	.	1	.
$8486400_1 = \chi_{189}$	.	.	1	1

$$\begin{aligned}
\varphi_{25} &= 116025_1 \\
\varphi_{60} &= 447525_1 \\
\varphi_{122} &= 6149325_1 \\
\varphi_{126} &= 2337075_1
\end{aligned}$$

Block 11:	φ_{52}	φ_{56}	φ_{94}	φ_{119}
$1458600_1 = \chi_{110}$	.	1	.	.
$1790100_1 = \chi_{116}$	1	.	.	.
$3403400_1 = \chi_{142}$	1	.	1	.
$4950400_1 = \chi_{164}$	.	1	.	1
$5105100_1 = \chi_{167}$	.	.	1	1

$$\begin{aligned}
\varphi_{52} &= 1790100_1 \\
\varphi_{56} &= 1458600_1 \\
\varphi_{94} &= 1613300_1 \\
\varphi_{119} &= 3491800_1
\end{aligned}$$