

$A_{18}.2 \pmod{5}$

	blocks	defect	matrix
$G :$	1	3	65×40
	2	3	65×40
	3	3	65×40
	4	2	20×14
	5	2	20×14
	6	2	20×14
	7	2	20×14
	8	2	20×14
	9	2	20×14
	10	2	20×14
	11	1	5×4
	12	1	5×4
	13	1	5×4
	14	1	5×4
	15	0	$331500_1 = \chi_{55,0}, \varphi_{44,1}$
	16	0	$331500_2 = \chi_{55,1}, \varphi_{44,0}$
	17	0	$1215500_1 = \chi_{98,0}, \varphi_{72,1}$
	18	0	$1215500_2 = \chi_{98,1}, \varphi_{72,0}$
	19	1	5×4
	20	1	5×4
	21	0	$1823250_1 = \chi_{117,0}, \varphi_{131,1}$
	22	0	$1823250_2 = \chi_{117,1}, \varphi_{131,0}$
	23	0	$1989000_1 = \chi_{118,0}, \varphi_{70,1}$
	24	0	$1989000_2 = \chi_{118,1}, \varphi_{70,0}$
	25	0	$3646500_1 = \chi_{146,0}, \varphi_{102,1}$
	26	0	$3646500_2 = \chi_{146,1}, \varphi_{102,0}$
	27	0	$3978000_1 = \chi_{153,0}, \varphi_{106,1}$
	28	0	$3978000_2 = \chi_{153,1}, \varphi_{106,0}$
	29	0	$4862000_1 = \chi_{163,0}, \varphi_{107,1}$
	30	0	$4862000_2 = \chi_{163,1}, \varphi_{107,0}$
	31	0	$5469750_1 = \chi_{172,0}, \varphi_{127,1}$
	32	0	$5469750_2 = \chi_{172,1}, \varphi_{127,0}$
	33	0	$6872250_1 = \chi_{181,0}, \varphi_{105,1}$
	34	0	$6872250_2 = \chi_{181,1}, \varphi_{105,0}$
	35	0	$16243500_1 = \chi_{199,0}, \varphi_{134,1}$
	36	0	$16243500_2 = \chi_{199,1}, \varphi_{134,0}$

[illegible]

(Block 1:)	$\varphi_{73,0}$	$\varphi_{75,0}$	$\varphi_{77,0}$	$\varphi_{87,0}$	$\varphi_{90,0}$	$\varphi_{95,0}$	$\varphi_{96,0}$	$\varphi_{97,0}$	$\varphi_{99,0}$	$\varphi_{78,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.
$136_1 = \chi_{4,0}$	.	.	.	.	.	.	.	.	.	.
$1344_1 = \chi_{7,0}$	.	.	.	.	.	.	.	.	.	.
$2244_2 = \chi_{8,1}$	.	.	.	.	.	.	.	.	.	.
$4641_1 = \chi_{10,0}$	.	.	.	.	.	.	.	.	.	.
$4862_2 = \chi_{11,1}$	.	.	.	.	.	.	.	.	.	.
$5508_2 = \chi_{12,1}$	.	.	.	.	.	.	.	.	.	.
$6188_2 = \chi_{13,1}$	.	.	.	.	.	.	.	.	.	.
$19448_1 = \chi_{20,0}$	.	.	.	.	.	.	.	.	.	.
$22848_2 = \chi_{21,1}$	.	.	.	.	.	.	.	.	.	.
$24192_2 = \chi_{22,1}$	.	.	.	.	.	.	.	.	.	.
$35343_2 = \chi_{26,1}$	.	.	.	.	.	.	.	.	.	.
$58344_1 = \chi_{29,0}$	.	.	.	.	.	.	.	.	.	.
$87516_1 = \chi_{32,0}$	.	.	.	.	.	.	.	.	.	.
$88128_1 = \chi_{33,0}$	.	.	.	.	.	.	.	.	.	.
$102102_1 = \chi_{37,0}$	.	.	.	.	.	.	.	.	.	.
$111384_2 = \chi_{39,1}$	.	.	.	.	.	.	.	.	.	.
$143208_2 = \chi_{43,1}$	.	.	.	1	.	.	.	.	.	.
$162162_1 = \chi_{44,0}$	.	.	.	.	.	.	.	.	.	.
$219912_1 = \chi_{46,0}$	.	.	.	.	.	.	.	.	.	.
$251328_1 = \chi_{49,0}$	.	.	.	.	.	.	.	.	.	.
$322218_1 = \chi_{54,0}$	.	.	.	.	.	.	.	.	.	.
$339456_2 = \chi_{56,1}$	.	.	.	.	.	.	.	.	.	.
$363528_1 = \chi_{60,0}$	.	.	.	.	.	.	.	.	.	.
$408408_2 = \chi_{62,1}$	.	.	.	.	.	.	1	.	.	.
$501228_1 = \chi_{66,0}$	.	.	.	.	.	.	.	.	.	.
$590733_1 = \chi_{70,0}$	.	.	.	.	.	.	.	.	.	.
$612612_2 = \chi_{72,1}$	.	.	.	1	1	.	.	.	.	.
$612612_5 = \chi_{74,0}$	.	.	.	.	.	.	.	.	.	.
$659736_2 = \chi_{77,1}$	.	.	.	.	.	.	.	.	.	.
$678912_1 = \chi_{78,0}$	.	.	.	.	.	.	.	.	.	.
$714714_2 = \chi_{79,1}$	.	.	.	.	.	.	.	.	.	.
$779688_1 = \chi_{80,0}$	.	.	.	.	.	.	.	.	.	1
$787644_4 = \chi_{82,1}$	.	.	.	.	1	.	.	.	.	.
$848232_1 = \chi_{84,0}$	.	.	.	.	.	.	.	.	.	.
$952952_1 = \chi_{89,0}$	.	.	.	.	.	.	.	.	.	.
$1018368_1 = \chi_{90,0}$	.	.	.	.	.	.	.	.	.	1
$1089088_2 = \chi_{93,1}$	.	.	1	.	.	.	.	.	.	.
$1225224_2 = \chi_{99,1}$	.	.	1	.	.	.	.	.	.	1
$1272348_2 = \chi_{103,1}$	.	.	.	.	1	1	.	.	.	.

[illegible]

[illegible]

(Block 1:)	$\varphi_{30,1}$
$1_1 = \chi_{1,0}$	.
$136_1 = \chi_{4,0}$	.
$1344_1 = \chi_{7,0}$	.
$2244_2 = \chi_{8,1}$	.
$4641_1 = \chi_{10,0}$	.
$4862_2 = \chi_{11,1}$	.
$5508_2 = \chi_{12,1}$	.
$6188_2 = \chi_{13,1}$	.
$19448_1 = \chi_{20,0}$	.
$22848_2 = \chi_{21,1}$	.
$24192_2 = \chi_{22,1}$	.
$35343_2 = \chi_{26,1}$	.
$58344_1 = \chi_{29,0}$	.
$87516_1 = \chi_{32,0}$	.
$88128_1 = \chi_{33,0}$	1
$102102_1 = \chi_{37,0}$	1
$111384_2 = \chi_{39,1}$	.
$143208_2 = \chi_{43,1}$	.
$162162_1 = \chi_{44,0}$	.
$219912_1 = \chi_{46,0}$	1
$251328_1 = \chi_{49,0}$	.
$322218_1 = \chi_{54,0}$	1
$339456_2 = \chi_{56,1}$	.
$363528_1 = \chi_{60,0}$	.
$408408_2 = \chi_{62,1}$	.
$501228_1 = \chi_{66,0}$	1
$590733_1 = \chi_{70,0}$	.
$612612_2 = \chi_{72,1}$	.
$612612_5 = \chi_{74,0}$	.
$659736_2 = \chi_{77,1}$	.
$678912_1 = \chi_{78,0}$	1
$714714_2 = \chi_{79,1}$	.
$779688_1 = \chi_{80,0}$	.
$787644_4 = \chi_{82,1}$	.
$848232_1 = \chi_{84,0}$	.
$952952_1 = \chi_{89,0}$	.
$1018368_1 = \chi_{90,0}$	.
$1089088_2 = \chi_{93,1}$	.
$1225224_2 = \chi_{99,1}$	.
$1272348_2 = \chi_{103,1}$	.

[illegible]

(Block 1:)	$\varphi_{73,0}$	$\varphi_{75,0}$	$\varphi_{77,0}$	$\varphi_{87,0}$	$\varphi_{90,0}$	$\varphi_{95,0}$	$\varphi_{96,0}$	$\varphi_{97,0}$	$\varphi_{99,0}$	$\varphi_{78,1}$
$1429428_2 = \chi_{107,1}$	1	.	.	.	.	.	.	.	.	.
$1429428_4 = \chi_{108,1}$	.	.	.	.	.	.	.	.	1	1
$1575288_2 = \chi_{113,1}$	.	.	.	.	.	.	1	1	.	.
$1575288_4 = \chi_{114,1}$	.	.	1	.	.	1	.	.	.	1
$2362932_2 = \chi_{124,1}$	.	.	.	.	.	.	.	1	1	.
$2756754_4 = \chi_{129,1}$	.	.	.	1	.	.	.	.	.	.
$3007368_2 = \chi_{135,1}$	1	.	.	.	.	.	.	1	.	.
$3055104_2 = \chi_{136,1}$	1	.	.	1	.	.	1	1	.	.
$3508596_2 = \chi_{143,1}$	.	.	.	.	.	.	1	.	.	.
$3544398_2 = \chi_{145,1}$	.	1	1	.	.	.	.	.	.	.
$3675672_1 = \chi_{147,0}$	.	.	.	.	.	1	.	.	.	1
$3734016_1 = \chi_{148,0}$	.	.	.	1	1	1	.	.	.	.
$3877632_2 = \chi_{149,1}$	1	1	.	.	.	.	.	.	.	.
$4200768_1 = \chi_{154,0}$	.	.	.	.	.	.	.	.	.	.
$4230144_2 = \chi_{155,1}$	.	.	.	.	.	.	.	.	.	.
$4511052_1 = \chi_{158,0}$	.	.	.	.	.	.	.	.	.	.
$5361664_2 = \chi_{171,1}$	.	1	1	.	1	1	.	.	1	1
$6432426_2 = \chi_{177,1}$	1	1	.	1	1	.	.	1	1	.
$6534528_1 = \chi_{178,0}$	.	.	.	1	.	.	.	.	.	.
$6534528_3 = \chi_{179,0}$	.	.	.	1	1	.	.	1	1	.
$7634088_2 = \chi_{183,1}$	.	1	1	.	.	.	.	.	1	1
$8270262_1 = \chi_{188,0}$	.	.	.	1	1	1	.	.	1	1
$8576568_2 = \chi_{190,1}$	.	.	.	.	.	.	.	.	1	1
$9165312_2 = \chi_{191,1}$	.	.	.	1	.	.	1	1	1	.
$9801792_2 = \chi_{195,1}$	1	1	.	.	.	.	1	1	1	.

(Block 1:)	$\varphi_{101,0}$	$\varphi_{104,0}$	$\varphi_{85,1}$	$\varphi_{40,1}$	$\varphi_{59,1}$	$\varphi_{43,1}$	$\varphi_{128,0}$	$\varphi_{54,1}$	$\varphi_{63,1}$
$1429428_2 = \chi_{107,1}$	.	.	.	.	.	.	.	.	.
$1429428_4 = \chi_{108,1}$	.	.	.	.	.	.	.	.	1
$1575288_2 = \chi_{113,1}$	.	.	.	.	.	1	.	.	.
$1575288_4 = \chi_{114,1}$	.	.	.	.	.	.	.	.	.
$2362932_2 = \chi_{124,1}$	.	.	.	.	.	1	.	.	1
$2756754_4 = \chi_{129,1}$	.	.	.	.	.	.	.	.	.
$3007368_2 = \chi_{135,1}$	1	.	.	.	.	.	.	.	.
$3055104_2 = \chi_{136,1}$	.	.	.	.	.	.	.	.	.
$3508596_2 = \chi_{143,1}$	.	1	.	1	.	.	.	.	.
$3544398_2 = \chi_{145,1}$	.	.	.	.	.	.	.	.	.
$3675672_1 = \chi_{147,0}$	.	.	.	.	.	1	.	1	.
$3734016_1 = \chi_{148,0}$	.	.	.	.	.	.	.	.	.
$3877632_2 = \chi_{149,1}$	.	.	.	.	.	.	.	.	.
$4200768_1 = \chi_{154,0}$	.	.	.	.	.	1	.	1	1
$4230144_2 = \chi_{155,1}$	1	1	1	1	1	.	.	.	.
$4511052_1 = \chi_{158,0}$	1	.	.	1	1	.	1	1	.
$5361664_2 = \chi_{171,1}$	.	.	.	.	.	.	.	.	.
$6432426_2 = \chi_{177,1}$	.	.	.	.	.	.	.	.	.
$6534528_1 = \chi_{178,0}$	.	.	.	1	.	1	1	1	.
$6534528_3 = \chi_{179,0}$	1	.	.	.	.	1	1	.	1
$7634088_2 = \chi_{183,1}$	.	1	1	.	.	.	.	.	.
$8270262_1 = \chi_{188,0}$	.	.	.	.	.	1	1	1	1
$8576568_2 = \chi_{190,1}$	1	1	1	1	1	.	1	1	.
$9165312_2 = \chi_{191,1}$	1	1	.	1	.	1	1	.	.
$9801792_2 = \chi_{195,1}$	1	1	.	.	.	.	.	.	.

[illegible]

(Block 1:)	$\varphi_{30,1}$
$1429428_2 = \chi_{107,1}$	.
$1429428_4 = \chi_{108,1}$	.
$1575288_2 = \chi_{113,1}$	.
$1575288_4 = \chi_{114,1}$	.
$2362932_2 = \chi_{124,1}$	.
$2756754_4 = \chi_{129,1}$	.
$3007368_2 = \chi_{135,1}$	.
$3055104_2 = \chi_{136,1}$	.
$3508596_2 = \chi_{143,1}$	.
$3544398_2 = \chi_{145,1}$	.
$3675672_1 = \chi_{147,0}$	.
$3734016_1 = \chi_{148,0}$	.
$3877632_2 = \chi_{149,1}$	.
$4200768_1 = \chi_{154,0}$	.
$4230144_2 = \chi_{155,1}$	.
$4511052_1 = \chi_{158,0}$	.
$5361664_2 = \chi_{171,1}$	.
$6432426_2 = \chi_{177,1}$	.
$6534528_1 = \chi_{178,0}$	.
$6534528_3 = \chi_{179,0}$	.
$7634088_2 = \chi_{183,1}$	.
$8270262_1 = \chi_{188,0}$	.
$8576568_2 = \chi_{190,1}$	.
$9165312_2 = \chi_{191,1}$	.
$9801792_2 = \chi_{195,1}$	.

$\varphi_{1,0} = 1_1$
$\varphi_{8,0} = 2243_1$
$\varphi_{13,0} = 3265_1$
$\varphi_{14,0} = 17339_1$
$\varphi_{16,0} = 18004_1$
$\varphi_{18,0} = 6188_1$
$\varphi_{22,0} = 72775_1$
$\varphi_{35,0} = 242489_1$
$\varphi_{53,0} = 466037_1$
$\varphi_{61,0} = 1597_1$
$\varphi_{73,0} = 1349547_1$
$\varphi_{75,0} = 2212821_1$
$\varphi_{77,0} = 623051_1$
$\varphi_{87,0} = 65571_1$
$\varphi_{90,0} = 231776_1$
$\varphi_{95,0} = 332046_1$
$\varphi_{96,0} = 386207_1$
$\varphi_{97,0} = 1138555_1$
$\varphi_{99,0} = 1093102_1$
$\varphi_{78,1} = 154154_2$
$\varphi_{101,0} = 517022_1$
$\varphi_{104,0} = 3102941_1$
$\varphi_{85,1} = 448019_2$
$\varphi_{40,1} = 19448_2$
$\varphi_{59,1} = 142714_2$
$\varphi_{43,1} = 15182_2$
$\varphi_{128,0} = 2825687_1$
$\varphi_{54,1} = 273481_2$
$\varphi_{63,1} = 91901_2$
$\varphi_{113,1} = 555731_2$
$\varphi_{37,1} = 176969_2$
$\varphi_{65,1} = 82486_2$
$\varphi_{117,1} = 2547548_2$
$\varphi_{26,1} = 54911_2$
$\varphi_{4,1} = 136_2$
$\varphi_{6,1} = 1208_2$
$\varphi_{46,1} = 269567_2$
$\varphi_{10,1} = 3433_2$
$\varphi_{31,1} = 128215_2$
$\varphi_{30,1} = 86920_2$

[illegible]

[illegible]

(Block 2:)	$\varphi_{95,1}$	$\varphi_{53,1}$	$\varphi_{61,1}$	$\varphi_{87,1}$	$\varphi_{128,1}$	$\varphi_{101,1}$	$\varphi_{90,1}$	$\varphi_{99,1}$	$\varphi_{104,1}$
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.
$136_2 = \chi_{4,1}$	.	.	.	.	.	.	.	.	.
$1344_2 = \chi_{7,1}$	.	.	.	.	.	.	.	.	.
$2244_1 = \chi_{8,0}$	.	.	.	.	.	.	.	.	.
$4641_2 = \chi_{10,1}$	.	.	.	.	.	.	.	.	.
$4862_1 = \chi_{11,0}$	.	.	1	.	.	.	.	.	.
$5508_1 = \chi_{12,0}$	.	.	.	.	.	.	.	.	.
$6188_1 = \chi_{13,0}$	.	.	.	.	.	.	.	.	.
$19448_2 = \chi_{20,1}$	.	.	.	.	.	.	.	.	.
$22848_1 = \chi_{21,0}$	.	.	.	.	.	.	.	.	.
$24192_1 = \chi_{22,0}$	.	.	.	.	.	.	.	.	.
$35343_1 = \chi_{26,0}$	.	.	.	.	.	.	.	.	.
$58344_2 = \chi_{29,1}$	.	.	.	.	.	.	.	.	.
$87516_2 = \chi_{32,1}$	.	.	1	.	.	.	.	.	.
$88128_2 = \chi_{33,1}$	.	.	.	.	.	.	.	.	.
$102102_2 = \chi_{37,1}$	.	.	.	.	.	.	.	.	.
$111384_1 = \chi_{39,0}$	.	.	.	.	.	.	.	.	.
$143208_1 = \chi_{43,0}$	.	.	1	1	.	.	.	.	.
$162162_2 = \chi_{44,1}$	.	.	.	.	.	.	.	.	.
$219912_2 = \chi_{46,1}$	.	.	.	.	.	.	.	.	.
$251328_2 = \chi_{49,1}$	.	.	.	.	.	.	.	.	.
$322218_2 = \chi_{54,1}$	.	.	.	.	.	.	.	.	.
$339456_1 = \chi_{56,0}$	.	.	.	.	.	.	.	.	.
$363528_2 = \chi_{60,1}$	.	.	.	.	.	.	.	.	.
$408408_1 = \chi_{62,0}$	.	.	1	.	.	.	.	.	.
$501228_2 = \chi_{66,1}$	.	.	.	.	.	.	.	.	.
$590733_2 = \chi_{70,1}$	.	.	.	.	.	.	.	.	.
$612612_1 = \chi_{72,0}$	.	.	.	1	.	.	1	.	.
$612612_6 = \chi_{74,1}$	.	.	.	.	.	.	.	.	.
$659736_1 = \chi_{77,0}$	.	.	.	.	.	1	.	.	.
$678912_2 = \chi_{78,1}$	.	.	.	.	.	.	.	.	.
$714714_1 = \chi_{79,0}$	.	1	.	.	.	.	.	.	.
$779688_2 = \chi_{80,1}$	.	.	.	.	.	.	.	.	.
$787644_3 = \chi_{82,0}$	.	.	.	.	.	.	1	.	.
$848232_2 = \chi_{84,1}$	.	.	.	.	.	.	.	.	.
$952952_2 = \chi_{89,1}$	.	.	.	.	.	.	.	.	.
$1018368_2 = \chi_{90,1}$	.	.	.	.	.	.	.	.	.
$1089088_1 = \chi_{93,0}$	.	1	.	.	.	.	.	.	.
$1225224_1 = \chi_{99,0}$	.	.	.	.	.	.	.	.	.
$1272348_1 = \chi_{103,0}$	1	1	.	.	.	.	1	.	.

(Block 2:)	$\varphi_{75,1}$	$\varphi_{18,1}$	$\varphi_{35,1}$	$\varphi_{1,1}$	$\varphi_{97,1}$	$\varphi_{96,1}$	$\varphi_{73,1}$	$\varphi_{16,1}$	$\varphi_{22,1}$	$\varphi_{8,1}$
$1_2 = \chi_{1,1}$	.	.	.	1	.	.	.	.	.	.
$136_2 = \chi_{4,1}$	.	.	.	.	.	.	.	.	.	.
$1344_2 = \chi_{7,1}$	.	.	.	.	.	.	.	.	.	.
$2244_1 = \chi_{8,0}$	.	.	.	1	.	.	.	.	.	1
$4641_2 = \chi_{10,1}$	.	.	.	.	.	.	.	.	.	.
$4862_1 = \chi_{11,0}$	.	.	.	.	.	.	.	.	.	.
$5508_1 = \chi_{12,0}$	.	.	.	.	.	.	.	.	.	1
$6188_1 = \chi_{13,0}$	.	1	.	.	.	.	.	.	.	.
$19448_2 = \chi_{20,1}$	.	.	.	.	.	.	.	.	.	.
$22848_1 = \chi_{21,0}$	.	.	.	1	.	.	.	.	.	1
$24192_1 = \chi_{22,0}$	.	1	.	.	.	.	.	1	.	.
$35343_1 = \chi_{26,0}$	.	.	.	.	.	.	.	1	.	.
$58344_2 = \chi_{29,1}$	.	.	.	.	.	.	.	.	.	.
$87516_2 = \chi_{32,1}$	.	.	.	.	.	.	.	.	.	.
$88128_2 = \chi_{33,1}$	.	.	.	.	.	.	.	.	.	.
$102102_2 = \chi_{37,1}$	.	.	.	.	.	.	.	.	.	.
$111384_1 = \chi_{39,0}$	.	.	.	1	.	.	.	1	1	.
$143208_1 = \chi_{43,0}$	.	.	.	.	.	.	.	.	1	.
$162162_2 = \chi_{44,1}$	.	.	.	.	.	.	.	.	.	.
$219912_2 = \chi_{46,1}$	.	.	.	.	.	.	.	.	.	.
$251328_2 = \chi_{49,1}$	.	.	.	.	.	.	.	.	.	.
$322218_2 = \chi_{54,1}$	.	.	.	.	.	.	.	.	.	.
$339456_1 = \chi_{56,0}$	.	1	1	.	.	.	.	1	1	.
$363528_2 = \chi_{60,1}$	.	.	.	.	.	.	.	.	.	.
$408408_1 = \chi_{62,0}$	.	.	.	.	.	1	.	.	.	.
$501228_2 = \chi_{66,1}$	.	.	.	.	.	.	.	.	.	.
$590733_2 = \chi_{70,1}$	.	.	.	.	.	.	.	.	.	.
$612612_1 = \chi_{72,0}$	.	.	1	1	.	.	.	.	1	.
$612612_6 = \chi_{74,1}$	.	.	.	.	.	.	.	.	.	.
$659736_1 = \chi_{77,0}$	.	.	.	.	.	.	.	.	.	.
$678912_2 = \chi_{78,1}$	.	.	.	.	.	.	.	.	.	.
$714714_1 = \chi_{79,0}$	.	1	1	.	.	.	.	.	.	.
$779688_2 = \chi_{80,1}$	.	.	.	.	.	.	.	.	.	.
$787644_3 = \chi_{82,0}$	.	.	.	1	.	.	.	.	.	.
$848232_2 = \chi_{84,1}$	.	.	.	.	.	.	.	.	.	.
$952952_2 = \chi_{89,1}$	.	.	.	.	.	.	.	.	.	.
$1018368_2 = \chi_{90,1}$	.	.	.	.	.	.	.	.	.	.
$1089088_1 = \chi_{93,0}$	.	.	.	.	.	.	.	.	.	.
$1225224_1 = \chi_{99,0}$	.	.	.	.	.	.	.	.	.	.
$1272348_1 = \chi_{103,0}$	.	.	1	.	.	.	.	.	.	.

(Block 2:)	$\varphi_{14,1}$	$\varphi_{13,1}$
$1_2 = \chi_{1,1}$	.	.
$136_2 = \chi_{4,1}$	.	.
$1344_2 = \chi_{7,1}$	.	.
$2244_1 = \chi_{8,0}$	.	.
$4641_2 = \chi_{10,1}$	.	.
$4862_1 = \chi_{11,0}$	.	1
$5508_1 = \chi_{12,0}$	.	1
$6188_1 = \chi_{13,0}$	.	.
$19448_2 = \chi_{20,1}$	.	.
$22848_1 = \chi_{21,0}$	1	1
$24192_1 = \chi_{22,0}$	.	.
$35343_1 = \chi_{26,0}$	1	.
$58344_2 = \chi_{29,1}$	.	.
$87516_2 = \chi_{32,1}$	.	.
$88128_2 = \chi_{33,1}$	.	.
$102102_2 = \chi_{37,1}$	.	.
$111384_1 = \chi_{39,0}$	1	1
$143208_1 = \chi_{43,0}$	.	1
$162162_2 = \chi_{44,1}$	.	.
$219912_2 = \chi_{46,1}$	.	.
$251328_2 = \chi_{49,1}$	.	.
$322218_2 = \chi_{54,1}$	.	.
$339456_1 = \chi_{56,0}$	.	.
$363528_2 = \chi_{60,1}$	.	.
$408408_1 = \chi_{62,0}$	1	1
$501228_2 = \chi_{66,1}$	.	.
$590733_2 = \chi_{70,1}$	.	.
$612612_1 = \chi_{72,0}$	.	.
$612612_6 = \chi_{74,1}$	.	.
$659736_1 = \chi_{77,0}$	.	.
$678912_2 = \chi_{78,1}$	.	.
$714714_1 = \chi_{79,0}$	.	.
$779688_2 = \chi_{80,1}$	.	.
$787644_3 = \chi_{82,0}$	.	.
$848232_2 = \chi_{84,1}$	.	.
$952952_2 = \chi_{89,1}$	.	.
$1018368_2 = \chi_{90,1}$	.	.
$1089088_1 = \chi_{93,0}$	.	.
$1225224_1 = \chi_{99,0}$	.	.
$1272348_1 = \chi_{103,0}$	.	.

[illegible]

[illegible]

(Block 2:)	$\varphi_{95,1}$	$\varphi_{53,1}$	$\varphi_{61,1}$	$\varphi_{87,1}$	$\varphi_{128,1}$	$\varphi_{101,1}$	$\varphi_{90,1}$	$\varphi_{99,1}$	$\varphi_{104,1}$
$1429428_1 = \chi_{107,0}$	.	.	1	.	.	.	.	.	.
$1429428_3 = \chi_{108,0}$	.	.	1	.	.	.	.	1	.
$1575288_1 = \chi_{113,0}$	.	.	.	.	.	.	.	.	.
$1575288_3 = \chi_{114,0}$	1	1	.	.	.	.	.	.	.
$2362932_1 = \chi_{124,0}$	.	.	.	.	.	.	.	1	.
$2756754_3 = \chi_{129,0}$	.	.	1	1	.	.	.	.	.
$3007368_1 = \chi_{135,0}$	.	.	.	.	.	1	.	.	.
$3055104_1 = \chi_{136,0}$	.	.	1	1	.	.	.	.	.
$3508596_1 = \chi_{143,0}$	.	.	.	.	.	.	.	.	1
$3544398_1 = \chi_{145,0}$	.	1	.	.	.	.	.	.	.
$3675672_2 = \chi_{147,1}$	1	.	.	.	.	.	.	.	.
$3734016_2 = \chi_{148,1}$	1	.	.	1	.	.	1	.	.
$3877632_1 = \chi_{149,0}$	.	.	.	.	.	.	.	.	.
$4200768_2 = \chi_{154,1}$	.	.	.	.	.	.	.	.	.
$4230144_1 = \chi_{155,0}$	.	.	.	.	.	1	.	.	1
$4511052_2 = \chi_{158,1}$	.	.	.	.	1	1	.	.	.
$5361664_1 = \chi_{171,0}$	1	1	.	.	.	.	1	1	.
$6432426_1 = \chi_{177,0}$	.	.	1	1	.	.	1	1	.
$6534528_2 = \chi_{178,1}$	.	.	.	1	1	.	.	.	.
$6534528_4 = \chi_{179,1}$	.	.	.	1	1	1	1	1	.
$7634088_1 = \chi_{183,0}$	.	.	.	.	.	.	.	1	1
$8270262_2 = \chi_{188,1}$	1	.	1	1	1	.	1	1	.
$8576568_1 = \chi_{190,0}$	.	.	.	.	1	1	.	1	1
$9165312_1 = \chi_{191,0}$	.	.	1	1	1	1	.	1	1
$9801792_1 = \chi_{195,0}$	.	.	1	.	.	1	.	1	1

(Block 2:)	$\varphi_{75,1}$	$\varphi_{18,1}$	$\varphi_{35,1}$	$\varphi_{1,1}$	$\varphi_{97,1}$	$\varphi_{96,1}$	$\varphi_{73,1}$	$\varphi_{16,1}$	$\varphi_{22,1}$	$\varphi_{8,1}$
$1429428_1 = \chi_{107,0}$	.	.	.	1	.	.	1	.	1	1
$1429428_3 = \chi_{108,0}$	.	1	.	.	.	.	.	.	.	.
$1575288_1 = \chi_{113,0}$	.	.	.	1	1	1	.	1	.	.
$1575288_3 = \chi_{114,0}$	.	.	.	.	.	.	.	.	.	.
$2362932_1 = \chi_{124,0}$	.	1	.	.	1	.	.	1	.	.
$2756754_3 = \chi_{129,0}$	.	.	.	.	.	.	.	.	.	.
$3007368_1 = \chi_{135,0}$	.	.	.	1	1	.	1	.	.	1
$3055104_1 = \chi_{136,0}$	.	.	.	1	1	1	1	1	1	1
$3508596_1 = \chi_{143,0}$	.	.	.	.	.	1	.	.	.	.
$3544398_1 = \chi_{145,0}$	1	.	1	.	.	.	.	.	.	.
$3675672_2 = \chi_{147,1}$	.	.	.	.	.	.	.	.	.	.
$3734016_2 = \chi_{148,1}$	.	.	.	.	.	.	.	.	.	.
$3877632_1 = \chi_{149,0}$	1	.	1	.	.	.	1	.	1	.
$4200768_2 = \chi_{154,1}$	.	.	.	.	.	.	.	.	.	.
$4230144_1 = \chi_{155,0}$	.	.	.	.	.	.	.	.	.	.
$4511052_2 = \chi_{158,1}$	.	.	.	.	.	.	.	.	.	.
$5361664_1 = \chi_{171,0}$	1	1	1	.	.	.	.	.	.	.
$6432426_1 = \chi_{177,0}$	1	1	1	1	1	.	1	1	1	.
$6534528_2 = \chi_{178,1}$	.	.	.	.	.	.	.	.	.	.
$6534528_4 = \chi_{179,1}$	.	.	.	1	1	.	.	.	.	.
$7634088_1 = \chi_{183,0}$	1	.	.	.	.	.	.	.	.	.
$8270262_2 = \chi_{188,1}$	.	.	.	.	.	.	.	.	.	.
$8576568_1 = \chi_{190,0}$	.	.	.	.	.	.	.	.	.	.
$9165312_1 = \chi_{191,0}$	.	.	.	.	1	1	.	.	.	.
$9801792_1 = \chi_{195,0}$	1	.	.	.	1	1	1	.	.	.

(Block 2:)	$\varphi_{14,1}$	$\varphi_{13,1}$
$1429428_1 = \chi_{107,0}$	.	1
$1429428_3 = \chi_{108,0}$	.	.
$1575288_1 = \chi_{113,0}$	1	.
$1575288_3 = \chi_{114,0}$	.	.
$2362932_1 = \chi_{124,0}$	.	.
$2756754_3 = \chi_{129,0}$	.	.
$3007368_1 = \chi_{135,0}$	.	.
$3055104_1 = \chi_{136,0}$	1	1
$3508596_1 = \chi_{143,0}$	.	.
$3544398_1 = \chi_{145,0}$	.	.
$3675672_2 = \chi_{147,1}$	.	.
$3734016_2 = \chi_{148,1}$	.	.
$3877632_1 = \chi_{149,0}$	.	.
$4200768_2 = \chi_{154,1}$	.	.
$4230144_1 = \chi_{155,0}$	.	.
$4511052_2 = \chi_{158,1}$	.	.
$5361664_1 = \chi_{171,0}$	.	.
$6432426_1 = \chi_{177,0}$	.	.
$6534528_2 = \chi_{178,1}$	.	.
$6534528_4 = \chi_{179,1}$	.	.
$7634088_1 = \chi_{183,0}$	.	.
$8270262_2 = \chi_{188,1}$	.	.
$8576568_1 = \chi_{190,0}$	.	.
$9165312_1 = \chi_{191,0}$	.	.
$9801792_1 = \chi_{195,0}$	.	.

$\varphi_{4,0} = 136_1$
$\varphi_{6,0} = 1208_1$
$\varphi_{10,0} = 3433_1$
$\varphi_{26,0} = 54911_1$
$\varphi_{30,0} = 86920_1$
$\varphi_{31,0} = 128215_1$
$\varphi_{37,0} = 176969_1$
$\varphi_{40,0} = 19448_1$
$\varphi_{43,0} = 15182_1$
$\varphi_{46,0} = 269567_1$
$\varphi_{54,0} = 273481_1$
$\varphi_{59,0} = 142714_1$
$\varphi_{63,0} = 91901_1$
$\varphi_{65,0} = 82486_1$
$\varphi_{78,0} = 154154_1$
$\varphi_{85,0} = 448019_1$
$\varphi_{77,1} = 623051_2$
$\varphi_{113,0} = 555731_1$
$\varphi_{117,0} = 2547548_1$
$\varphi_{95,1} = 332046_2$
$\varphi_{53,1} = 466037_2$
$\varphi_{61,1} = 1597_2$
$\varphi_{87,1} = 65571_2$
$\varphi_{128,1} = 2825687_2$
$\varphi_{101,1} = 517022_2$
$\varphi_{90,1} = 231776_2$
$\varphi_{99,1} = 1093102_2$
$\varphi_{104,1} = 3102941_2$
$\varphi_{75,1} = 2212821_2$
$\varphi_{18,1} = 6188_2$
$\varphi_{35,1} = 242489_2$
$\varphi_{1,1} = 1_2$
$\varphi_{97,1} = 1138555_2$
$\varphi_{96,1} = 386207_2$
$\varphi_{73,1} = 1349547_2$
$\varphi_{16,1} = 18004_2$
$\varphi_{22,1} = 72775_2$
$\varphi_{8,1} = 2243_2$
$\varphi_{14,1} = 17339_2$
$\varphi_{13,1} = 3265_2$

[illegible]

[illegible]

[illegible]

(Block 3:)	$\varphi_{15,1}$	$\varphi_{19,1}$
$17_1 = \chi_{2,0}$	.	.
$17_2 = \chi_{2,1}$	.	.
$663_1 = \chi_{5,0}$	.	.
$663_2 = \chi_{5,1}$	.	.
$9996_1 = \chi_{16,0}$	.	1
$9996_2 = \chi_{16,1}$	.	.
$11934_1 = \chi_{17,0}$	.	1
$11934_2 = \chi_{17,1}$	.	.
$12376_1 = \chi_{18,0}$	.	.
$12376_2 = \chi_{18,1}$	.	.
$29172_1 = \chi_{24,0}$	1	.
$29172_2 = \chi_{24,1}$	.	.
$99144_1 = \chi_{36,0}$	1	1
$99144_2 = \chi_{36,1}$	.	.
$106029_1 = \chi_{38,0}$	.	.
$106029_2 = \chi_{38,1}$	.	.
$136136_1 = \chi_{42,0}$	.	1
$136136_2 = \chi_{42,1}$	.	.
$182784_1 = \chi_{45,0}$	1	.
$182784_2 = \chi_{45,1}$	.	.
$259896_1 = \chi_{51,0}$	.	1
$259896_2 = \chi_{51,1}$	.	.
$459459_1 = \chi_{64,0}$	.	.
$459459_2 = \chi_{64,1}$	.	.
$466752_1 = \chi_{65,0}$	1	.
$466752_2 = \chi_{65,1}$	.	.
$612612_3 = \chi_{73,0}$	.	.
$612612_4 = \chi_{73,1}$	.	.
$787644_1 = \chi_{81,0}$	1	1
$787644_2 = \chi_{81,1}$	.	.
$1145664_1 = \chi_{96,0}$	.	.
$1145664_2 = \chi_{96,1}$	.	.
$1233792_1 = \chi_{100,0}$	.	.
$1233792_2 = \chi_{100,1}$	.	.
$1357824_1 = \chi_{106,0}$	.	.
$1357824_2 = \chi_{106,1}$	.	.
$1503684_1 = \chi_{111,0}$	.	.
$1503684_2 = \chi_{111,1}$	.	.
$1867008_1 = \chi_{87+}$	.	.
$2144142_1 = \chi_{120,0}$	.	.

[illegible]

(Block 3:)	$\varphi_{55,0}$	$\varphi_{57,0}$	$\varphi_{82,0}$	$\varphi_{86,0}$	$\varphi_{91,0}$	$\varphi_{108,0}$	$\varphi_{82,1}$	$\varphi_{114,0}$	$\varphi_{42,1}$
$2144142_2 = \chi_{120,1}$	1	1	1	.	.	.	.	.	.
$2489344_1 = \chi_{101,+}$	.	.	1	.	.	.	1	.	.
$2756754_1 = \chi_{128,0}$	.	.	.	.	.	.	.	.	.
$2756754_2 = \chi_{128,1}$	.	.	.	1	1	.	.	.	1
$2858856_1 = \chi_{131,0}$	.	.	.	.	.	.	.	.	.
$2858856_2 = \chi_{131,1}$	.	.	.	.	.	.	.	.	.
$2858856_3 = \chi_{132,0}$	.	.	.	.	.	.	.	.	.
$2858856_4 = \chi_{132,1}$	1	.	.	.	1	1	.	.	.
$3267264_1 = \chi_{140,0}$	.	.	.	1	.	.	.	.	.
$3267264_2 = \chi_{140,1}$	.	.	.	.	.	.	.	.	1
$3508596_3 = \chi_{144,0}$	.	.	.	1	1	1	.	.	1
$3508596_4 = \chi_{144,1}$	.	.	.	.	.	.	.	.	.
$4288284_1 = \chi_{156,0}$	.	.	.	.	.	.	.	.	.
$4288284_2 = \chi_{156,1}$	1	1	.	.	.	.	.	1	.
$4725864_1 = \chi_{162,0}$	.	.	1	.	.	.	1	.	.
$4725864_2 = \chi_{162,1}$	1	.	1	.	.	1	1	.	.
$5346432_1 = \chi_{170,0}$	.	.	.	.	.	.	.	.	1
$5346432_2 = \chi_{170,1}$	1	.	.	1	.	.	.	1	.
$5937624_1 = \chi_{173,0}$	.	.	.	.	.	1	1	.	.
$5937624_2 = \chi_{173,1}$	1	1	1	.	.	.	.	.	.
$7088796_1 = \chi_{182,0}$	.	.	.	1	.	.	.	1	.
$7088796_2 = \chi_{182,1}$	.	.	.	1	.	.	.	1	1
$8019648_1 = \chi_{186,0}$	.	.	.	.	.	.	.	.	1
$8019648_2 = \chi_{186,1}$	1	.	.	1	1	1	.	.	1
$9382912_1 = \chi_{160,+}$	1	.	1	.	.	1	1	.	.

(Block 3:)	$\varphi_{116,0}$	$\varphi_{118,0}$	$\varphi_{120,0}$	$\varphi_{108,1}$	$\varphi_{120,1}$	$\varphi_{118,1}$	$\varphi_{55,1}$	$\varphi_{27,1}$	$\varphi_{57,1}$
$2144142_2 = \chi_{120,1}$	.	.	.	.	.	.	.	.	.
$2489344_1 = \chi_{101+}$	.	.	.	.	.	.	.	.	.
$2756754_1 = \chi_{128,0}$	.	.	.	.	.	.	.	.	.
$2756754_2 = \chi_{128,1}$	1	.	.	.	.	.	.	.	.
$2858856_1 = \chi_{131,0}$	.	.	1	.	.	.	.	.	.
$2858856_2 = \chi_{131,1}$	1	.	.	.	1	.	.	.	.
$2858856_3 = \chi_{132,0}$	.	.	.	1	.	.	1	.	.
$2858856_4 = \chi_{132,1}$	.	.	.	.	.	.	.	.	.
$3267264_1 = \chi_{140,0}$	.	.	.	.	.	1	.	1	.
$3267264_2 = \chi_{140,1}$	1	1	.	.	.	.	.	.	.
$3508596_3 = \chi_{144,0}$	.	.	.	.	.	1	.	1	.
$3508596_4 = \chi_{144,1}$	.	1	.	1	.	.	.	.	.
$4288284_1 = \chi_{156,0}$	.	.	.	.	1	1	1	1	1
$4288284_2 = \chi_{156,1}$	.	1	1	.	.	.	.	.	.
$4725864_1 = \chi_{162,0}$	.	.	.	1	.	.	1	.	.
$4725864_2 = \chi_{162,1}$	.	.	.	.	.	.	.	.	.
$5346432_1 = \chi_{170,0}$	.	.	.	.	.	1	1	1	.
$5346432_2 = \chi_{170,1}$	1	1	.	.	.	.	.	.	.
$5937624_1 = \chi_{173,0}$	.	.	.	.	1	1	1	1	1
$5937624_2 = \chi_{173,1}$	.	1	1	1	.	.	.	.	.
$7088796_1 = \chi_{182,0}$	.	1	1	.	.	1	.	.	.
$7088796_2 = \chi_{182,1}$	1	1	.	.	1	1	.	.	.
$8019648_1 = \chi_{186,0}$	.	1	1	1	.	1	1	.	.
$8019648_2 = \chi_{186,1}$	1	1	.	.	1	1	.	.	.
$9382912_1 = \chi_{160+}$	.	1	.	1	.	1	1	.	.

[illegible]

(Block 3:)	$\varphi_{15,1}$	$\varphi_{19,1}$
$2144142_2 = \chi_{120,1}$	.	.
$2489344_1 = \chi_{101+}$	.	.
$2756754_1 = \chi_{128,0}$	1	.
$2756754_2 = \chi_{128,1}$	.	.
$2858856_1 = \chi_{131,0}$	.	.
$2858856_2 = \chi_{131,1}$	.	.
$2858856_3 = \chi_{132,0}$	.	.
$2858856_4 = \chi_{132,1}$	.	.
$3267264_1 = \chi_{140,0}$	.	.
$3267264_2 = \chi_{140,1}$	.	.
$3508596_3 = \chi_{144,0}$	.	.
$3508596_4 = \chi_{144,1}$	.	.
$4288284_1 = \chi_{156,0}$	.	.
$4288284_2 = \chi_{156,1}$	.	.
$4725864_1 = \chi_{162,0}$	.	.
$4725864_2 = \chi_{162,1}$	.	.
$5346432_1 = \chi_{170,0}$	.	.
$5346432_2 = \chi_{170,1}$	.	.
$5937624_1 = \chi_{173,0}$	.	.
$5937624_2 = \chi_{173,1}$	.	.
$7088796_1 = \chi_{182,0}$	.	.
$7088796_2 = \chi_{182,1}$	.	.
$8019648_1 = \chi_{186,0}$	.	.
$8019648_2 = \chi_{186,1}$	.	.
$9382912_1 = \chi_{160+}$	.	.

$\varphi_{2,0} = 17_1$
$\varphi_{5,0} = 646_1$
$\varphi_{15,0} = 28526_1$
$\varphi_{19,0} = 9350_1$
$\varphi_{21,0} = 60605_1$
$\varphi_{24,0} = 93653_1$
$\varphi_{27,0} = 12376_1$
$\varphi_{38,0} = 445978_1$
$\varphi_{42,0} = 2584_1$
$\varphi_{49,0} = 186694_1$
$\varphi_{55,0} = 452387_1$
$\varphi_{57,0} = 447083_1$
$\varphi_{82,0} = 1244672_1$
$\varphi_{86,0} = 63597_1$
$\varphi_{91,0} = 435642_1$
$\varphi_{108,0} = 1784133_1$
$\varphi_{82,1} = 1244672_2$
$\varphi_{114,0} = 933487_1$
$\varphi_{42,1} = 2584_2$
$\varphi_{116,0} = 1884790_1$
$\varphi_{118,0} = 1210264_1$
$\varphi_{120,0} = 786709_1$
$\varphi_{108,1} = 1784133_2$
$\varphi_{120,1} = 786709_2$
$\varphi_{118,1} = 1210264_2$
$\varphi_{55,1} = 452387_2$
$\varphi_{27,1} = 12376_2$
$\varphi_{57,1} = 447083_2$
$\varphi_{86,1} = 63597_2$
$\varphi_{114,1} = 933487_2$
$\varphi_{38,1} = 445978_2$
$\varphi_{91,1} = 435642_2$
$\varphi_{2,1} = 17_2$
$\varphi_{116,1} = 1884790_2$
$\varphi_{49,1} = 186694_2$
$\varphi_{24,1} = 93653_2$
$\varphi_{21,1} = 60605_2$
$\varphi_{5,1} = 646_2$
$\varphi_{15,1} = 28526_2$
$\varphi_{19,1} = 9350_2$

Block 4:	$\varphi_{28,0}$	$\varphi_{39,0}$	$\varphi_{80,0}$	$\varphi_{109,0}$	$\varphi_{115,0}$	$\varphi_{124,0}$	$\varphi_{129,0}$	$\varphi_{41,1}$	$\varphi_{88,1}$
$135_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.
$13260_1 = \chi_{19,0}$	.	.	.	.	.	.	.	.	.
$60060_2 = \chi_{30,1}$	1	.	.	.	.	.	.	.	.
$112320_1 = \chi_{40,0}$	.	.	.	.	.	.	.	1	.
$228480_1 = \chi_{47,0}$	.	.	.	.	.	.	.	.	.
$255255_1 = \chi_{50,0}$	.	.	.	.	.	.	.	1	.
$268515_2 = \chi_{52,1}$	1	1	.	.	.	.	.	.	.
$358020_1 = \chi_{59,0}$	.	.	.	.	.	.	.	.	.
$510510_1 = \chi_{67,0}$	.	.	.	.	.	.	.	.	1
$556920_2 = \chi_{68,1}$	.	1	.	.	1	.	.	.	.
$1021020_4 = \chi_{92,1}$	.	.	.	.	1	.	.	.	.
$1312740_1 = \chi_{104,0}$	.	.	.	.	.	.	.	.	1
$2333760_4 = \chi_{123,1}$	.	1	1	.	.	.	.	.	.
$4455360_1 = \chi_{157,0}$	.	.	.	.	.	.	1	1	.
$6361740_2 = \chi_{176,1}$	.	.	1	1	.	.	.	.	.
$6789120_2 = \chi_{180,1}$	1	.	.	.	.	1	.	.	1
$7876440_4 = \chi_{185,1}$	.	.	.	1	.	.	1	1	.
$9189180_4 = \chi_{193,1}$	1	1	1	.	1	1	.	.	.
$11277630_2 = \chi_{197,1}$	.	.	.	.	1	1	1	.	1
$16336320_2 = \chi_{200,1}$	.	.	1	1	.	1	1	.	.

(Block 4:)	$\varphi_{112,1}$	$\varphi_{36,1}$	$\varphi_{3,1}$	$\varphi_{33,1}$	$\varphi_{29,1}$		
$135_1 = \chi_{3,0}$	.	.	1	.	.		
$13260_1 = \chi_{19,0}$	.	.	.	.	1		
$60060_2 = \chi_{30,1}$	.	.	.	.	.	$\varphi_{28,0} =$	60060_1
$112320_1 = \chi_{40,0}$	.	.	.	.	.	$\varphi_{39,0} =$	208455_1
$228480_1 = \chi_{47,0}$	.	.	1	1	1	$\varphi_{80,0} =$	2125305_1
$255255_1 = \chi_{50,0}$	.	1	.	.	.	$\varphi_{109,0} =$	4236435_1
$268515_2 = \chi_{52,1}$	.	.	.	.	.	$\varphi_{115,0} =$	348465_1
$358020_1 = \chi_{59,0}$	.	1	.	1	.	$\varphi_{124,0} =$	6446895_1
$510510_1 = \chi_{67,0}$	.	.	.	1	1	$\varphi_{129,0} =$	3527685_1
$556920_2 = \chi_{68,1}$	.	.	.	.	.	$\varphi_{41,1} =$	112320_2
$1021020_4 = \chi_{92,1}$	1	.	1	.	.	$\varphi_{88,1} =$	282165_2
$1312740_1 = \chi_{104,0}$	1	1	1	1	.	$\varphi_{112,1} =$	672420_2
$2333760_4 = \chi_{123,1}$	.	.	.	.	.	$\varphi_{36,1} =$	142935_2
$4455360_1 = \chi_{157,0}$	1	1	.	.	.	$\varphi_{3,1} =$	135_2
$6361740_2 = \chi_{176,1}$	.	.	.	.	.	$\varphi_{33,1} =$	215085_2
$6789120_2 = \chi_{180,1}$	.	.	.	.	.	$\varphi_{29,1} =$	13260_2
$7876440_4 = \chi_{185,1}$	.	.	.	.	.		
$9189180_4 = \chi_{193,1}$	.	.	.	.	.		
$11277630_2 = \chi_{197,1}$	1	.	.	.	.		
$16336320_2 = \chi_{200,1}$	.	.	.	.	.		

[illegible]

(Block 5:)	$\varphi_{115,1}$	$\varphi_{124,1}$	$\varphi_{80,1}$	$\varphi_{28,1}$	$\varphi_{39,1}$
$135_2 = \chi_{3,1}$	.	.	.	.	.
$13260_2 = \chi_{19,1}$	.	.	.	.	.
$60060_1 = \chi_{30,0}$	.	.	.	1	.
$112320_2 = \chi_{40,1}$	.	.	.	.	.
$228480_2 = \chi_{47,1}$	.	.	.	.	.
$255255_2 = \chi_{50,1}$	.	.	.	.	.
$268515_1 = \chi_{52,0}$	.	.	.	1	1
$358020_2 = \chi_{59,1}$	.	.	.	.	.
$510510_2 = \chi_{67,1}$	.	.	.	.	.
$556920_1 = \chi_{68,0}$	1	.	.	.	1
$1021020_3 = \chi_{92,0}$	1	.	.	.	.
$1312740_2 = \chi_{104,1}$	.	.	.	.	.
$2333760_3 = \chi_{123,0}$	.	.	1	.	1
$4455360_2 = \chi_{157,1}$	.	.	.	.	.
$6361740_1 = \chi_{176,0}$	.	.	1	.	.
$6789120_1 = \chi_{180,0}$	.	1	.	1	.
$7876440_3 = \chi_{185,0}$	.	.	.	.	.
$9189180_3 = \chi_{193,0}$	1	1	1	1	1
$11277630_1 = \chi_{197,0}$	1	1	.	.	.
$16336320_1 = \chi_{200,0}$	.	1	1	.	.

$$\begin{aligned}
\varphi_{3,0} &= 135_1 \\
\varphi_{29,0} &= 13260_1 \\
\varphi_{33,0} &= 215085_1 \\
\varphi_{36,0} &= 142935_1 \\
\varphi_{41,0} &= 112320_1 \\
\varphi_{88,0} &= 282165_1 \\
\varphi_{112,0} &= 672420_1 \\
\varphi_{129,1} &= 3527685_2 \\
\varphi_{109,1} &= 4236435_2 \\
\varphi_{115,1} &= 348465_2 \\
\varphi_{124,1} &= 6446895_2 \\
\varphi_{80,1} &= 2125305_2 \\
\varphi_{28,1} &= 60060_2 \\
\varphi_{39,1} &= 208455_2
\end{aligned}$$

Block 6:	$\varphi_{12,0}$	$\varphi_{48,0}$	$\varphi_{67,0}$	$\varphi_{71,0}$	$\varphi_{76,0}$	$\varphi_{58,1}$	$\varphi_{100,0}$	$\varphi_{125,0}$	$\varphi_{66,1}$
$680_1 = \chi_{6,0}$	.	.	.	.	.	.	.	.	.
$2380_2 = \chi_{9,1}$	1	.	.	.	.	.	.	.	.
$24310_1 = \chi_{23,0}$	.	.	.	.	.	1	.	.	.
$302940_1 = \chi_{53,0}$	.	.	.	.	.	1	.	.	.
$353430_1 = \chi_{58,0}$	.	.	.	.	.	.	.	.	.
$656370_2 = \chi_{76,1}$	1	1	.	.	.	.	.	.	.
$837760_2 = \chi_{83,1}$	.	1	1	.	.	.	.	.	.
$875160_1 = \chi_{85,0}$	.	.	1	.	.	.	.	.	.
$1099560_1 = \chi_{94,0}$	.	.	.	.	.	.	.	.	.
$1175040_1 = \chi_{97,0}$	.	.	.	.	.	.	.	.	.
$1531530_1 = \chi_{112,0}$	.	.	.	.	.	.	.	.	1
$1649340_2 = \chi_{115,1}$	.	.	.	.	1	1	.	.	.
$2148120_1 = \chi_{121,0}$	.	.	.	.	.	.	.	.	1
$2333760_2 = \chi_{122,1}$	1	.	.	.	.	.	1	.	1
$2382380_1 = \chi_{125,0}$	.	.	.	.	.	1	.	1	.
$3180870_2 = \chi_{137,1}$	1	1	1	1	.	.	.	.	.
$3965760_2 = \chi_{152,1}$	.	.	.	1	1	.	.	.	.
$4594590_2 = \chi_{159,1}$	.	.	1	.	.	.	1	1	1
$5012280_3 = \chi_{166,0}$	.	.	.	.	1	1	1	1	.
$6126120_2 = \chi_{174,1}$	1	.	1	1	1	.	1	.	.

(Block 6:)	$\varphi_{93,1}$	$\varphi_{51,1}$	$\varphi_{7,1}$	$\varphi_{47,1}$	$\varphi_{45,1}$		
$680_1 = \chi_{6,0}$	.	.	1	.	.		
$2380_2 = \chi_{9,1}$	.	.	.	.	.		
$24310_1 = \chi_{23,0}$	.	.	.	.	.	$\varphi_{12,0} =$	2380_1
$302940_1 = \chi_{53,0}$	.	1	.	.	.	$\varphi_{48,0} =$	653990_1
$353430_1 = \chi_{58,0}$	.	.	.	.	1	$\varphi_{67,0} =$	183770_1
$656370_2 = \chi_{76,1}$	.	.	.	.	.	$\varphi_{71,0} =$	2340730_1
$837760_2 = \chi_{83,1}$	.	.	.	.	.	$\varphi_{76,0} =$	1625030_1
$875160_1 = \chi_{85,0}$	1	.	1	.	.	$\varphi_{58,1} =$	24310_2
$1099560_1 = \chi_{94,0}$	.	1	.	1	.	$\varphi_{100,0} =$	1974210_1
$1175040_1 = \chi_{97,0}$	.	.	1	1	1	$\varphi_{125,0} =$	1388730_1
$1531530_1 = \chi_{112,0}$	.	.	.	1	1	$\varphi_{66,1} =$	357170_2
$1649340_2 = \chi_{115,1}$	.	.	.	.	.	$\varphi_{93,1} =$	690710_2
$2148120_1 = \chi_{121,0}$	1	1	1	1	.	$\varphi_{51,1} =$	278630_2
$2333760_2 = \chi_{122,1}$	.	.	.	.	.	$\varphi_{7,1} =$	680_2
$2382380_1 = \chi_{125,0}$	1	1	.	.	.	$\varphi_{47,1} =$	820930_2
$3180870_2 = \chi_{137,1}$	.	.	.	.	.	$\varphi_{45,1} =$	353430_2
$3965760_2 = \chi_{152,1}$	.	.	.	.	.		
$4594590_2 = \chi_{159,1}$	1	.	.	.	.		
$5012280_3 = \chi_{166,0}$	.	.	.	.	.		
$6126120_2 = \chi_{174,1}$	.	.	.	.	.		

[illegible]

(Block 7:)	$\varphi_{100,1}$	$\varphi_{76,1}$	$\varphi_{12,1}$	$\varphi_{71,1}$	$\varphi_{48,1}$
$680_2 = \chi_{6,1}$	.	.	.	.	.
$2380_1 = \chi_{9,0}$	.	.	1	.	.
$24310_2 = \chi_{23,1}$	.	.	.	.	.
$302940_2 = \chi_{53,1}$	.	.	.	.	.
$353430_2 = \chi_{58,1}$	.	.	.	.	.
$656370_1 = \chi_{76,0}$	.	.	1	.	1
$837760_1 = \chi_{83,0}$	.	.	.	.	1
$875160_2 = \chi_{85,1}$	.	.	.	.	.
$1099560_2 = \chi_{94,1}$	.	.	.	.	.
$1175040_2 = \chi_{97,1}$	.	.	.	.	.
$1531530_2 = \chi_{112,1}$	.	.	.	.	.
$1649340_1 = \chi_{115,0}$	.	1	.	.	.
$2148120_2 = \chi_{121,1}$	.	.	.	.	.
$2333760_1 = \chi_{122,0}$	1	.	1	.	.
$2382380_2 = \chi_{125,1}$	.	.	.	.	.
$3180870_1 = \chi_{137,0}$	.	.	1	1	1
$3965760_1 = \chi_{152,0}$	.	1	.	1	.
$4594590_1 = \chi_{159,0}$	1	.	.	.	.
$5012280_4 = \chi_{166,1}$	1	1	.	.	.
$6126120_1 = \chi_{174,0}$	1	1	1	1	.

$\varphi_{7,0}$	=	680_1
$\varphi_{45,0}$	=	353430_1
$\varphi_{47,0}$	=	820930_1
$\varphi_{51,0}$	=	278630_1
$\varphi_{58,0}$	=	24310_1
$\varphi_{66,0}$	=	357170_1
$\varphi_{93,0}$	=	690710_1
$\varphi_{125,1}$	=	1388730_2
$\varphi_{67,1}$	=	183770_2
$\varphi_{100,1}$	=	1974210_2
$\varphi_{76,1}$	=	1625030_2
$\varphi_{12,1}$	=	2380_2
$\varphi_{71,1}$	=	2340730_2
$\varphi_{48,1}$	=	653990_2

[illegible]

(Block 8:)	$\varphi_{79,1}$	$\varphi_{121,1}$	$\varphi_{68,1}$	$\varphi_{9,1}$	$\varphi_{20,1}$		
$6885_1 = \chi_{14,0}$	.	.	.	1	.		
$29835_2 = \chi_{25,1}$	.	.	.	.	.		
$53040_1 = \chi_{27,0}$	.	.	.	1	1	$\varphi_{17,0} =$	29835_1
$70720_1 = \chi_{31,0}$	.	.	.	.	1	$\varphi_{34,0} =$	553605_1
$583440_2 = \chi_{69,1}$	.	.	.	.	.	$\varphi_{50,0} =$	795855_1
$595595_1 = \chi_{71,0}$	.	.	.	.	.	$\varphi_{89,0} =$	577915_1
$649740_1 = \chi_{75,0}$	.	.	1	1	1	$\varphi_{92,0} =$	966620_1
$1021020_2 = \chi_{91,1}$	.	.	.	.	.	$\varphi_{103,0} =$	836485_1
$1131520_2 = \chi_{95,1}$	.	.	.	.	.	$\varphi_{81,1} =$	595595_2
$1349460_2 = \chi_{105,1}$	.	.	.	.	.	$\varphi_{62,1} =$	24565_2
$1432080_2 = \chi_{109,1}$	.	.	.	.	.	$\varphi_{123,1} =$	5470855_2
$2598960_2 = \chi_{126,1}$	.	.	.	.	.	$\varphi_{79,1} =$	2626585_2
$2923830_2 = \chi_{133,1}$	.	.	.	.	.	$\varphi_{121,1} =$	4671940_2
$3198720_1 = \chi_{138,0}$	1	.	1	.	.	$\varphi_{68,1} =$	572135_2
$3222180_1 = \chi_{139,0}$	1	.	.	.	.	$\varphi_{9,1} =$	6885_2
$5250960_1 = \chi_{169,0}$	.	1	1	1	.	$\varphi_{20,1} =$	46155_2
$7876440_2 = \chi_{184,1}$	.	.	.	.	.		
$9529520_1 = \chi_{194,0}$	1	.	.	.	.		
$10720710_1 = \chi_{196,0}$	.	1	.	.	.		
$13366080_1 = \chi_{198,0}$	1	1	1	.	.		

Block 9:	$\varphi_{9,0}$	$\varphi_{20,0}$	$\varphi_{62,0}$	$\varphi_{68,0}$	$\varphi_{79,0}$	$\varphi_{81,0}$	$\varphi_{121,0}$	$\varphi_{123,0}$	$\varphi_{103,1}$
$6885_2 = \chi_{14,1}$	1	.	.	.	.	.	.	.	.
$29835_1 = \chi_{25,0}$	.	.	.	.	.	.	.	.	.
$53040_2 = \chi_{27,1}$	1	1	.	.	.	.	.	.	.
$70720_2 = \chi_{31,1}$	.	1	1	.	.	.	.	.	.
$583440_1 = \chi_{69,0}$	.	.	.	.	.	.	.	.	.
$595595_2 = \chi_{71,1}$	.	.	.	.	.	1	.	.	.
$649740_2 = \chi_{75,1}$	1	1	1	1	.	.	.	.	.
$1021020_1 = \chi_{91,0}$	.	.	1	.	.	.	.	.	.
$1131520_1 = \chi_{95,0}$	.	.	.	.	.	.	.	.	.
$1349460_1 = \chi_{105,0}$	.	.	.	.	.	.	.	.	.
$1432080_1 = \chi_{109,0}$	.	.	.	.	.	1	.	.	1
$2598960_1 = \chi_{126,0}$	.	.	.	.	.	.	.	.	1
$2923830_1 = \chi_{133,0}$	.	.	.	.	.	.	.	.	.
$3198720_2 = \chi_{138,1}$	.	.	.	1	1	.	.	.	.
$3222180_2 = \chi_{139,1}$	.	.	.	.	1	1	.	.	.
$5250960_2 = \chi_{169,1}$	1	.	.	1	.	.	1	.	.
$7876440_1 = \chi_{184,0}$	.	.	1	.	.	.	.	1	1
$9529520_2 = \chi_{194,1}$	.	.	.	.	1	1	.	1	1
$10720710_2 = \chi_{196,1}$	.	.	.	.	.	.	1	1	.
$13366080_2 = \chi_{198,1}$	.	.	1	1	1	.	1	1	.

(Block 9:)	$\varphi_{89,1}$	$\varphi_{92,1}$	$\varphi_{50,1}$	$\varphi_{17,1}$	$\varphi_{34,1}$		
$6885_2 = \chi_{14,1}$	.	.	.	.	.	$\varphi_{9,0}$	$= 6885_1$
$29835_1 = \chi_{25,0}$	.	.	.	1	.	$\varphi_{20,0}$	$= 46155_1$
$53040_2 = \chi_{27,1}$	.	.	.	.	.	$\varphi_{62,0}$	$= 24565_1$
$70720_2 = \chi_{31,1}$	.	.	.	.	.	$\varphi_{68,0}$	$= 572135_1$
$583440_1 = \chi_{69,0}$	.	.	.	1	1	$\varphi_{79,0}$	$= 2626585_1$
$595595_2 = \chi_{71,1}$	.	.	.	.	.	$\varphi_{81,0}$	$= 595595_1$
$649740_2 = \chi_{75,1}$	.	.	.	.	.	$\varphi_{121,0}$	$= 4671940_1$
$1021020_1 = \chi_{91,0}$	.	1	.	1	.	$\varphi_{123,0}$	$= 5470855_1$
$1131520_1 = \chi_{95,0}$	1	.	.	.	1	$\varphi_{103,1}$	$= 836485_2$
$1349460_1 = \chi_{105,0}$	.	.	1	.	1	$\varphi_{89,1}$	$= 577915_2$
$1432080_1 = \chi_{109,0}$	.	.	.	.	.	$\varphi_{92,1}$	$= 966620_2$
$2598960_1 = \chi_{126,0}$	.	1	1	.	.	$\varphi_{50,1}$	$= 795855_2$
$2923830_1 = \chi_{133,0}$	1	1	1	1	1	$\varphi_{17,1}$	$= 29835_2$
$3198720_2 = \chi_{138,1}$	.	.	.	.	.	$\varphi_{34,1}$	$= 553605_2$
$3222180_2 = \chi_{139,1}$	.	.	.	.	.		
$5250960_2 = \chi_{169,1}$	.	.	.	.	.		
$7876440_1 = \chi_{184,0}$	1	1	.	.	.		
$9529520_2 = \chi_{194,1}$	.	.	.	.	.		
$10720710_2 = \chi_{196,1}$	1	.	.	.	.		
$13366080_2 = \chi_{198,1}$	.	.	.	.	.		

Block 10:	$\varphi_{11,0}$	$\varphi_{32,0}$	$\varphi_{64,0}$	$\varphi_{69,0}$	$\varphi_{74,0}$	φ_{83+}	$\varphi_{98,0}$	$\varphi_{64,1}$	φ_{132+}	$\varphi_{74,1}$
$7020_1 = \chi_{15,0}$	.	.	.	.	.	.	.	.	.	.
$7020_2 = \chi_{15,1}$	1	.	.	.	.	.	.	.	.	.
$183040_1 = \chi_{34+}$	.	.	.	.	.	1	.	.	.	.
$238680_1 = \chi_{48,0}$	.	.	.	.	.	.	.	.	.	.
$238680_2 = \chi_{48,1}$	1	1	.	.	.	.	.	.	.	.
$340340_1 = \chi_{57,0}$	.	.	.	.	.	.	.	1	.	.
$340340_2 = \chi_{57,1}$	.	1	1	.	.	.	.	.	.	.
$875160_3 = \chi_{86,0}$	.	.	.	.	.	1	.	.	.	1
$875160_4 = \chi_{86,1}$	.	.	.	.	1	1	.	.	.	.
$2042040_1 = \chi_{119,0}$	.	.	1	.	.	.	.	.	.	.
$2042040_2 = \chi_{119,1}$	1	.	.	.	.	.	1	1	.	.
$2625480_1 = \chi_{127,0}$	.	.	.	.	.	.	.	1	.	.
$2625480_2 = \chi_{127,1}$	1	1	1	1	.	.	.	.	.	.
$2970240_1 = \chi_{134,0}$	.	.	.	.	.	.	.	.	.	1
$2970240_2 = \chi_{134,1}$	.	.	.	1	1	.	.	.	.	.
$5012280_1 = \chi_{165,0}$	.	.	.	.	.	.	.	1	.	1
$5012280_2 = \chi_{165,1}$	1	.	1	1	1	.	1	.	.	.
$7920640_1 = \chi_{150+}$	.	.	.	.	1	1	.	.	1	1
$9189180_1 = \chi_{192,0}$	.	.	1	.	.	.	.	1	1	1
$9189180_2 = \chi_{192,1}$	.	.	1	.	1	.	1	1	1	.

(Block 10:)	$\varphi_{98,1}$	$\varphi_{11,1}$	$\varphi_{69,1}$	$\varphi_{32,1}$	
$7020_1 = \chi_{15,0}$	.	1	.	.	
$7020_2 = \chi_{15,1}$	.	.	.	.	
$183040_1 = \chi_{34+}$	.	.	.	.	$\varphi_{11,0} = 7020_1$
$238680_1 = \chi_{48,0}$	.	1	.	1	$\varphi_{32,0} = 231660_1$
$238680_2 = \chi_{48,1}$	.	.	.	.	$\varphi_{64,0} = 108680_1$
$340340_1 = \chi_{57,0}$	.	.	.	1	$\varphi_{69,0} = 2278120_1$
$340340_2 = \chi_{57,1}$	.	.	.	.	$\varphi_{74,0} = 692120_1$
$875160_3 = \chi_{86,0}$	.	.	.	.	$\varphi_{83+} = 183040_1$
$875160_4 = \chi_{86,1}$	.	.	.	.	$\varphi_{98,0} = 1926340_1$
$2042040_1 = \chi_{119,0}$	1	1	.	.	$\varphi_{64,1} = 108680_2$
$2042040_2 = \chi_{119,1}$	.	.	.	.	$\varphi_{132+} = 6353360_1$
$2625480_1 = \chi_{127,0}$	.	1	1	1	$\varphi_{74,1} = 692120_2$
$2625480_2 = \chi_{127,1}$	.	.	.	.	$\varphi_{98,1} = 1926340_2$
$2970240_1 = \chi_{134,0}$	.	.	1	.	$\varphi_{11,1} = 7020_2$
$2970240_2 = \chi_{134,1}$	.	.	.	.	$\varphi_{69,1} = 2278120_2$
$5012280_1 = \chi_{165,0}$	1	1	1	.	$\varphi_{32,1} = 231660_2$
$5012280_2 = \chi_{165,1}$	.	.	.	.	
$7920640_1 = \chi_{150+}$	.	.	.	.	
$9189180_1 = \chi_{192,0}$	1	.	.	.	
$9189180_2 = \chi_{192,1}$	.	.	.	.	

Block 11:	$\varphi_{110,0}$	$\varphi_{130,0}$	$\varphi_{111,1}$	$\varphi_{23,1}$	
$56100_1 = \chi_{28,0}$	.	.	.	1	$\varphi_{110,0} = 3281850_1$
$364650_1 = \chi_{61,0}$	.	.	1	1	$\varphi_{130,0} = 4796550_1$
$3281850_2 = \chi_{141,1}$	1	.	.	.	$\varphi_{111,1} = 308550_2$
$5105100_3 = \chi_{168,0}$	.	1	1	.	$\varphi_{23,1} = 56100_2$
$8078400_2 = \chi_{187,1}$	1	1	.	.	

Block 12:	$\varphi_{23,0}$	$\varphi_{111,0}$	$\varphi_{130,1}$	$\varphi_{110,1}$	
$56100_2 = \chi_{28,1}$	1	.	.	.	$\varphi_{23,0} = 56100_1$
$364650_2 = \chi_{61,1}$	1	1	.	.	$\varphi_{111,0} = 308550_1$
$3281850_1 = \chi_{141,0}$	.	.	.	1	$\varphi_{130,1} = 4796550_2$
$5105100_4 = \chi_{168,1}$	.	1	1	.	$\varphi_{110,1} = 3281850_2$
$8078400_1 = \chi_{187,0}$	.	.	1	1	

Block 13:	$\varphi_{60,0}$	$\varphi_{126,1}$	$\varphi_{122,1}$	$\varphi_{25,1}$
$116025_1 = \chi_{41,0}$	.	.	.	1
$447525_2 = \chi_{63,1}$	1	.	.	.
$2784600_1 = \chi_{130,0}$	1	1	.	.
$6265350_1 = \chi_{175,0}$	.	.	1	1
$8486400_1 = \chi_{189,0}$	.	1	1	.

$$\begin{aligned}
\varphi_{60,0} &= 447525_1 \\
\varphi_{126,1} &= 2337075_2 \\
\varphi_{122,1} &= 6149325_2 \\
\varphi_{25,1} &= 116025_2
\end{aligned}$$

Block 14:	$\varphi_{25,0}$	$\varphi_{122,0}$	$\varphi_{126,0}$	$\varphi_{60,1}$
$116025_2 = \chi_{41,1}$	1	.	.	.
$447525_1 = \chi_{63,0}$	.	.	.	1
$2784600_2 = \chi_{130,1}$	.	.	1	1
$6265350_2 = \chi_{175,1}$	1	1	.	.
$8486400_2 = \chi_{189,1}$	.	1	1	.

$$\begin{aligned}
\varphi_{25,0} &= 116025_1 \\
\varphi_{122,0} &= 6149325_1 \\
\varphi_{126,0} &= 2337075_1 \\
\varphi_{60,1} &= 447525_2
\end{aligned}$$

Block 19:	$\varphi_{52,0}$	$\varphi_{94,0}$	$\varphi_{119,1}$	$\varphi_{56,1}$
$1458600_1 = \chi_{110,0}$	.	.	.	1
$1790100_2 = \chi_{116,1}$	1	.	.	.
$3403400_2 = \chi_{142,1}$	1	1	.	.
$4950400_1 = \chi_{164,0}$	.	.	1	1
$5105100_1 = \chi_{167,0}$	.	1	1	.

$$\begin{aligned}
\varphi_{52,0} &= 1790100_1 \\
\varphi_{94,0} &= 1613300_1 \\
\varphi_{119,1} &= 3491800_2 \\
\varphi_{56,1} &= 1458600_2
\end{aligned}$$

Block 20:	$\varphi_{56,0}$	$\varphi_{119,0}$	$\varphi_{94,1}$	$\varphi_{52,1}$
$1458600_2 = \chi_{110,1}$	1	.	.	.
$1790100_1 = \chi_{116,0}$	.	.	.	1
$3403400_1 = \chi_{142,0}$	.	.	1	1
$4950400_2 = \chi_{164,1}$	1	1	.	.
$5105100_2 = \chi_{167,1}$	.	1	1	.

$$\begin{aligned}
\varphi_{56,0} &= 1458600_1 \\
\varphi_{119,0} &= 3491800_1 \\
\varphi_{94,1} &= 1613300_2 \\
\varphi_{52,1} &= 1790100_2
\end{aligned}$$