

$A_{17.2} \pmod{5}$

	blocks	defect	matrix
$G :$	1	3	65×40
	2	3	65×40
	3	2	20×14
	4	2	20×14
	5	2	20×14
	6	2	20×14
	7	2	20×14
	8	1	5×4
	9	1	5×4
	10	1	5×4
	11	1	5×4
	12	1	5×4
	13	1	5×4

	blocks	defect	matrix
	14	1	5×4
	15	1	5×4
	16	1	5×4
	17	0	$327250_1 = \chi_{72,0}, \varphi_{71,0}$
	18	0	$327250_2 = \chi_{72,1}, \varphi_{71,1}$
	19	1	5×4
	20	1	5×4
	21	1	5×4
	22	0	$1262250_1 = \chi_{94+}, \varphi_{87+}$
	23	0	$1326000_1 = \chi_{124,0}, \varphi_{102,0}$
	24	0	$1326000_2 = \chi_{124,1}, \varphi_{102,1}$
	25	0	$2431000_1 = \chi_{146,0}, \varphi_{106,0}$
	26	0	$2431000_2 = \chi_{146,1}, \varphi_{106,1}$

[illegible]

(Block 1:)	$\varphi_{20,0}$	$\varphi_{21,0}$	$\varphi_{22,1}$	$\varphi_{24,0}$	$\varphi_{26,1}$	$\varphi_{34,1}$	$\varphi_{35,1}$	$\varphi_{37,0}$	$\varphi_{38,1}$	$\varphi_{39,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.
$16_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.
$119_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.
$544_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.	.	.
$3536_2 = \chi_{10,1}$	.	.	.	.	.	.	.	.	.	.
$3808_1 = \chi_{11,0}$	.	.	.	.	.	.	.	.	.	.
$4368_1 = \chi_{12,0}$	.	.	.	.	.	.	.	.	.	.
$4862_1 = \chi_{13,0}$	.	.	.	.	.	.	.	.	.	.
$5236_1 = \chi_{14,0}$	.	.	.	.	.	.	.	.	.	.
$6188_2 = \chi_{16,1}$	.	.	.	.	.	.	.	.	.	.
$7072_2 = \chi_{19,1}$	.	.	.	.	.	.	.	.	.	.
$8008_2 = \chi_{20,1}$	.	.	1	.	.	.	.	.	.	.
$15912_1 = \chi_{22,0}$	.	1	.	.	.	.	.	.	.	.
$17017_1 = \chi_{23,0}$	.	.	.	1	.	.	.	.	.	.
$19448_1 = \chi_{24,0}$	1	1	.	.	.	.	.	.	.	.
$20944_2 = \chi_{26,1}$	.	.	.	.	1	.	.	.	.	.
$24752_1 = \chi_{27,0}$	.	1	.	1	.	.	.	.	.	.
$62832_2 = \chi_{34,1}$	.	.	.	.	.	.	.	.	1	.
$65637_2 = \chi_{35,1}$	.	.	1	.	.	.	.	.	.	.
$68068_2 = \chi_{36,1}$	.	.	1	.	1	.	1	.	.	.
$74256_1 = \chi_{38,0}$	.	1	.	1	.	.	.	1	.	.
$87516_2 = \chi_{40,1}$	.	.	.	.	.	.	.	.	.	.
$116688_2 = \chi_{41,1}$	.	.	.	.	.	.	.	.	1	1
$116688_4 = \chi_{42,1}$	.	.	.	.	1	.	1	.	1	.
$129948_2 = \chi_{46,1}$	.	.	.	.	.	.	.	.	1	.
$129948_3 = \chi_{47,0}$	.	1	.	.	.	.	.	.	.	.
$136136_1 = \chi_{49,0}$	.	.	.	.	.	.	.	.	.	.
$148512_1 = \chi_{51,0}$	1	1	.	.	.	.	.	1	.	.
$148512_4 = \chi_{52,1}$	.	.	1	.	.	1	1	.	.	.
$155584_1 = \chi_{53,0}$	.	.	.	.	.	.	.	1	.	.
$204204_2 = \chi_{58,1}$	.	.	.	.	.	.	.	.	.	.
$205632_2 = \chi_{59,1}$	.	.	.	.	.	1	1	.	1	.
$233376_2 = \chi_{61,1}$	.	.	.	.	.	1	.	.	.	.
$238238_1 = \chi_{62,0}$	.	.	.	.	.	.	.	.	.	.
$259896_2 = \chi_{65,1}$	.	.	.	.	.	.	.	.	.	.
$272272_2 = \chi_{66,1}$	.	.	.	.	.	.	.	.	1	1
$272272_3 = \chi_{67,0}$	1	1	.	.	.	.	.	.	.	.
$272272_6 = \chi_{68,1}$	.	.	.	.	.	.	1	.	1	1
$272272_7 = \chi_{69,0}$	.	.	.	.	.	.	.	.	.	.
$346528_2 = \chi_{76,1}$	.	.	.	.	.	1	.	.	.	.

(Block 1:)	$\varphi_{40,1}$	$\varphi_{43,1}$	$\varphi_{45,1}$	$\varphi_{46,0}$	$\varphi_{49,0}$	$\varphi_{50,0}$	$\varphi_{51,1}$	$\varphi_{52,0}$	$\varphi_{55,1}$	$\varphi_{56,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.
$16_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.
$119_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.
$544_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.	.	.
$3536_2 = \chi_{10,1}$	.	.	.	.	.	.	.	.	.	.
$3808_1 = \chi_{11,0}$	.	.	.	.	.	.	.	.	.	.
$4368_1 = \chi_{12,0}$	.	.	.	.	.	.	.	.	.	.
$4862_1 = \chi_{13,0}$	.	.	.	.	.	.	.	.	.	.
$5236_1 = \chi_{14,0}$	.	.	.	.	.	.	.	.	.	.
$6188_2 = \chi_{16,1}$	.	.	.	.	.	.	.	.	.	.
$7072_2 = \chi_{19,1}$	.	.	.	.	.	.	.	.	.	.
$8008_2 = \chi_{20,1}$	.	.	.	.	.	.	.	.	.	.
$15912_1 = \chi_{22,0}$	.	.	.	.	.	.	.	.	.	.
$17017_1 = \chi_{23,0}$	.	.	.	.	.	.	.	.	.	.
$19448_1 = \chi_{24,0}$	.	.	.	.	.	.	.	.	.	.
$20944_2 = \chi_{26,1}$	.	.	.	.	.	.	.	.	.	.
$24752_1 = \chi_{27,0}$	.	.	.	.	.	.	.	.	.	.
$62832_2 = \chi_{34,1}$	.	.	.	.	.	.	.	.	.	.
$65637_2 = \chi_{35,1}$	1	.	.	.	.	.	.	.	.	.
$68068_2 = \chi_{36,1}$	.	.	.	.	.	.	.	.	.	.
$74256_1 = \chi_{38,0}$	.	.	.	.	.	.	.	.	.	.
$87516_2 = \chi_{40,1}$	.	.	1	.	.	.	.	.	.	.
$116688_2 = \chi_{41,1}$	.	.	.	.	.	.	.	.	.	.
$116688_4 = \chi_{42,1}$	.	.	.	.	.	.	.	.	.	.
$129948_2 = \chi_{46,1}$	.	1	.	.	.	.	.	.	.	.
$129948_3 = \chi_{47,0}$	.	.	.	.	.	1	.	.	.	.
$136136_1 = \chi_{49,0}$	.	.	.	.	.	.	.	1	.	.
$148512_1 = \chi_{51,0}$	.	.	.	1	.	.	.	.	.	.
$148512_4 = \chi_{52,1}$	1	.	.	.	.	.	.	.	.	.
$155584_1 = \chi_{53,0}$	.	.	.	.	1	.	.	.	.	.
$204204_2 = \chi_{58,1}$	.	.	.	1	.	.	1	.	.	.
$205632_2 = \chi_{59,1}$	.	1	.	.	.	.	.	.	.	.
$233376_2 = \chi_{61,1}$	1	.	.	.	.	.	.	.	1	.
$238238_1 = \chi_{62,0}$	.	.	.	.	1	.	.	.	.	1
$259896_2 = \chi_{65,1}$	1	.	.	.	.	.	.	.	.	.
$272272_2 = \chi_{66,1}$	.	1	1	.	.	.	.	.	.	.
$272272_3 = \chi_{67,0}$	.	.	.	.	.	1	.	1	.	.
$272272_6 = \chi_{68,1}$	.	.	.	.	.	.	1	.	.	.
$272272_7 = \chi_{69,0}$	.	.	.	.	.	.	.	.	1	1
$346528_2 = \chi_{76,1}$	.	1	1	.	.	.	.	.	.	.

(Block 1:)	$\varphi_{59,1}$	$\varphi_{61,0}$	$\varphi_{64,0}$	$\varphi_{76,0}$	$\varphi_{78,1}$	$\varphi_{79,1}$	$\varphi_{93,0}$	$\varphi_{94,0}$	$\varphi_{95,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.
$16_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.
$119_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.
$544_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.	.
$3536_2 = \chi_{10,1}$	.	.	.	.	.	.	.	.	.
$3808_1 = \chi_{11,0}$	.	.	.	.	.	.	.	.	.
$4368_1 = \chi_{12,0}$	.	.	.	.	.	.	.	.	.
$4862_1 = \chi_{13,0}$	.	.	.	.	.	.	.	.	.
$5236_1 = \chi_{14,0}$	.	.	.	.	.	.	.	.	.
$6188_2 = \chi_{16,1}$	.	.	.	.	.	.	.	.	.
$7072_2 = \chi_{19,1}$	.	.	.	.	.	.	.	.	.
$8008_2 = \chi_{20,1}$	.	.	.	.	.	.	.	.	.
$15912_1 = \chi_{22,0}$	.	.	.	.	.	.	.	.	.
$17017_1 = \chi_{23,0}$	.	.	.	.	.	.	.	.	.
$19448_1 = \chi_{24,0}$	.	.	.	.	.	.	.	.	.
$20944_2 = \chi_{26,1}$	.	.	.	.	.	.	.	.	.
$24752_1 = \chi_{27,0}$	.	.	.	.	.	.	.	.	.
$62832_2 = \chi_{34,1}$	.	.	.	.	.	.	.	.	.
$65637_2 = \chi_{35,1}$	.	.	.	.	.	.	.	.	.
$68068_2 = \chi_{36,1}$	.	.	.	.	.	.	.	.	.
$74256_1 = \chi_{38,0}$	.	.	.	.	.	.	.	.	.
$87516_2 = \chi_{40,1}$	.	.	.	.	.	.	.	.	.
$116688_2 = \chi_{41,1}$	.	.	.	.	.	.	.	.	.
$116688_4 = \chi_{42,1}$	.	.	.	.	.	.	.	.	.
$129948_2 = \chi_{46,1}$	.	.	.	.	.	.	.	.	.
$129948_3 = \chi_{47,0}$	.	.	.	.	.	.	.	.	.
$136136_1 = \chi_{49,0}$	.	.	.	.	.	.	.	.	.
$148512_1 = \chi_{51,0}$	.	.	.	.	.	.	.	.	.
$148512_4 = \chi_{52,1}$	.	.	.	.	.	.	.	.	.
$155584_1 = \chi_{53,0}$	.	.	.	.	.	.	.	.	.
$204204_2 = \chi_{58,1}$	.	.	.	.	.	.	.	.	.
$205632_2 = \chi_{59,1}$	.	.	.	.	.	.	.	.	.
$233376_2 = \chi_{61,1}$	.	.	.	.	.	.	.	.	.
$238238_1 = \chi_{62,0}$	.	.	.	.	.	.	.	.	.
$259896_2 = \chi_{65,1}$	.	.	1	.	.	.	.	.	.
$272272_2 = \chi_{66,1}$	.	.	.	.	.	.	.	.	.
$272272_3 = \chi_{67,0}$	.	.	.	.	.	.	.	.	.
$272272_6 = \chi_{68,1}$	.	.	.	.	.	.	.	.	.
$272272_7 = \chi_{69,0}$	.	.	.	.	.	.	.	.	.
$346528_2 = \chi_{76,1}$	1	.	.	.	.	.	.	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,1}$	$\varphi_{3,1}$	$\varphi_{5,0}$	$\varphi_{7,1}$	$\varphi_{9,0}$	$\varphi_{12,0}$	$\varphi_{13,1}$	$\varphi_{14,0}$	$\varphi_{15,0}$	$\varphi_{17,1}$
$408408_1 = \chi_{81,0}$	.	.	.	.	.	.	.	.	.	.	.
$466752_2 = \chi_{83,1}$	.	.	.	.	.	.	.	.	.	.	.
$544544_2 = \chi_{86,1}$	.	.	1	.	.	1	.	1	.	.	.
$565488_1 = \chi_{88,0}$	.	.	.	.	.	.	.	.	.	.	.
$586432_1 = \chi_{91,0}$	.	.	.	.	.	.	.	.	.	.	.
$700128_1 = \chi_{98,0}$	.	.	.	.	.	.	.	.	.	.	.
$816816_2 = \chi_{105,1}$	.	1	1	.	.	.	.	.	.	.	.
$891072_2 = \chi_{108,1}$	.	.	.	.	.	.	.	.	.	.	.
$918918_2 = \chi_{110,1}$	.	1	1	.	1	.	.	1	.	.	.
$952952_2 = \chi_{111,1}$	.	.	1	.	1	.	.	.	.	.	.
$1050192_1 = \chi_{116,0}$	1	.	.	1	1	.	.	.	.	1	.
$1089088_1 = \chi_{119,0}$	1	.	.	1	.	.	.	.	.	.	.
$1089088_4 = \chi_{120,1}$	.	.	.	.	1	.	.	.	.	.	.
$1089088_5 = \chi_{121,0}$	.	.	.	.	.	1	.	.	1	.	.
$1336608_1 = \chi_{125,0}$	.	.	.	.	1	.	.	.	.	.	.
$1429428_1 = \chi_{130,0}$	.	.	.	.	.	.	.	.	.	.	.
$1454112_1 = \chi_{131,0}$	.	.	.	.	.	.	.	.	.	.	.
$1633632_1 = \chi_{135,0}$	.	.	.	.	1	.	.	.	1	.	.
$1633632_3 = \chi_{136,0}$	.	.	.	.	.	.	.	.	.	.	.
$1905904_1 = \chi_{142,0}$	.	.	.	.	.	.	.	.	1	.	.
$2255526_1 = \chi_{144,0}$	1	.	.	.	.	1	.	.	1	.	.
$2362932_2 = \chi_{145,1}$	.	.	.	.	1	1	.	.	.	.	.
$2450448_1 = \chi_{149,0}$	1	.	.	.	1	.	.	.	.	.	.
$2858856_1 = \chi_{154,0}$	.	.	.	.	.	.	.	.	.	.	.
$3620864_1 = \chi_{156,0}$	.	.	.	.	1	1	.	.	.	.	.

[illegible]

(Block 1:)	$\varphi_{40,1}$	$\varphi_{43,1}$	$\varphi_{45,1}$	$\varphi_{46,0}$	$\varphi_{49,0}$	$\varphi_{50,0}$	$\varphi_{51,1}$	$\varphi_{52,0}$	$\varphi_{55,1}$	$\varphi_{56,0}$
$408408_1 = \chi_{81,0}$	.	.	.	1	1	.	.	.	.	.
$466752_2 = \chi_{83,1}$	.	.	.	.	.	.	.	.	1	1
$544544_2 = \chi_{86,1}$	.	.	1	.	.	.	.	.	.	.
$565488_1 = \chi_{88,0}$	.	.	.	.	1	.	.	.	.	1
$586432_1 = \chi_{91,0}$	.	.	.	.	.	1	.	.	.	.
$700128_1 = \chi_{98,0}$	.	.	.	.	1	.	.	.	.	1
$816816_2 = \chi_{105,1}$	.	.	.	1	.	.	1	.	.	.
$891072_2 = \chi_{108,1}$	1	.	.	.	.	.	1	.	.	.
$918918_2 = \chi_{110,1}$	.	1	1	.	.	.	1	.	.	.
$952952_2 = \chi_{111,1}$	.	1	1	.	.	.	.	.	.	.
$1050192_1 = \chi_{116,0}$	.	.	.	.	.	1	.	1	.	.
$1089088_1 = \chi_{119,0}$	.	.	.	.	.	1	.	.	.	.
$1089088_4 = \chi_{120,1}$	.	.	.	.	.	.	1	.	.	.
$1089088_5 = \chi_{121,0}$	.	.	1	.	.	.	.	.	.	.
$1336608_1 = \chi_{125,0}$	.	.	.	.	.	.	.	1	.	.
$1429428_1 = \chi_{130,0}$	.	.	.	.	.	1	.	1	.	.
$1454112_1 = \chi_{131,0}$	.	.	.	.	.	.	.	.	1	1
$1633632_1 = \chi_{135,0}$	.	.	.	.	.	.	.	.	.	.
$1633632_3 = \chi_{136,0}$	1	.	.	.	.	.	.	.	1	.
$1905904_1 = \chi_{142,0}$	.	.	.	1	1	.	.	.	.	1
$2255526_1 = \chi_{144,0}$	.	.	.	1	.	1	.	.	.	.
$2362932_2 = \chi_{145,1}$	.	.	1	1	.	.	1	.	.	.
$2450448_1 = \chi_{149,0}$	.	.	.	1	.	.	1	.	.	.
$2858856_1 = \chi_{154,0}$	.	.	.	.	.	.	.	.	1	1
$3620864_1 = \chi_{156,0}$	.	.	.	.	.	1	.	1	.	.

(Block 1:)	$\varphi_{59,1}$	$\varphi_{61,0}$	$\varphi_{64,0}$	$\varphi_{76,0}$	$\varphi_{78,1}$	$\varphi_{79,1}$	$\varphi_{93,0}$	$\varphi_{94,0}$	$\varphi_{95,0}$
$408408_1 = \chi_{81,0}$	.	1	.	.	.	.	.	.	.
$466752_2 = \chi_{83,1}$	1	.	.	.	.	.	.	.	.
$544544_2 = \chi_{86,1}$	.	.	.	.	.	1	.	.	.
$565488_1 = \chi_{88,0}$	1	1	.	.	.	.	.	.	.
$586432_1 = \chi_{91,0}$	.	.	.	1	.	.	.	.	.
$700128_1 = \chi_{98,0}$	.	.	.	1	.	.	.	.	.
$816816_2 = \chi_{105,1}$	.	1	.	.	.	1	.	.	.
$891072_2 = \chi_{108,1}$	.	.	1	.	1	.	.	.	.
$918918_2 = \chi_{110,1}$	.	.	.	.	.	1	.	.	.
$952952_2 = \chi_{111,1}$	1	1	.	.	.	1	.	.	.
$1050192_1 = \chi_{116,0}$	.	.	.	.	.	.	1	.	.
$1089088_1 = \chi_{119,0}$	.	.	1	.	.	.	1	.	.
$1089088_4 = \chi_{120,1}$	.	.	.	.	1	1	.	.	.
$1089088_5 = \chi_{121,0}$	1	.	.	.	.	.	.	.	1
$1336608_1 = \chi_{125,0}$	.	.	.	.	1	.	.	1	.
$1429428_1 = \chi_{130,0}$	.	.	.	1	.	.	.	1	.
$1454112_1 = \chi_{131,0}$	.	.	.	1	.	.	.	1	.
$1633632_1 = \chi_{135,0}$	.	.	.	.	.	.	1	.	1
$1633632_3 = \chi_{136,0}$	.	.	1	.	1	.	.	1	.
$1905904_1 = \chi_{142,0}$	1	1	.	1	.	.	.	.	1
$2255526_1 = \chi_{144,0}$	.	.	.	1	.	.	1	.	1
$2362932_2 = \chi_{145,1}$	1	1	.	.	1	1	.	.	1
$2450448_1 = \chi_{149,0}$	.	.	1	.	1	.	1	.	1
$2858856_1 = \chi_{154,0}$	1	.	.	1	1	.	.	1	1
$3620864_1 = \chi_{156,0}$	.	.	1	1	1	.	1	1	1

$\varphi_{1,0}$	$=$	1_1	$\varphi_{39,1}$	$=$	56421_2
$\varphi_{2,1}$	$=$	16_2	$\varphi_{40,1}$	$=$	57629_2
$\varphi_{3,1}$	$=$	103_2	$\varphi_{43,1}$	$=$	69562_2
$\varphi_{5,0}$	$=$	543_1	$\varphi_{45,1}$	$=$	82486_2
$\varphi_{7,1}$	$=$	987_2	$\varphi_{46,0}$	$=$	84096_1
$\varphi_{9,0}$	$=$	1597_1	$\varphi_{49,0}$	$=$	101387_1
$\varphi_{12,0}$	$=$	3265_1	$\varphi_{50,0}$	$=$	117132_1
$\varphi_{13,1}$	$=$	3433_2	$\varphi_{51,1}$	$=$	120091_2
$\varphi_{14,0}$	$=$	4368_1	$\varphi_{52,0}$	$=$	130456_1
$\varphi_{15,0}$	$=$	4693_1	$\varphi_{55,1}$	$=$	135421_2
$\varphi_{17,1}$	$=$	6085_2	$\varphi_{56,0}$	$=$	136851_1
$\varphi_{20,0}$	$=$	7176_1	$\varphi_{59,1}$	$=$	154154_2
$\varphi_{21,0}$	$=$	7410_1	$\varphi_{61,0}$	$=$	173096_1
$\varphi_{22,1}$	$=$	8008_2	$\varphi_{64,0}$	$=$	202267_1
$\varphi_{24,0}$	$=$	12649_1	$\varphi_{76,0}$	$=$	412061_1
$\varphi_{26,1}$	$=$	17511_2	$\varphi_{78,1}$	$=$	420202_2
$\varphi_{34,1}$	$=$	40326_2	$\varphi_{79,1}$	$=$	432238_2
$\varphi_{35,1}$	$=$	42549_2	$\varphi_{93,0}$	$=$	769145_1
$\varphi_{37,0}$	$=$	49829_1	$\varphi_{94,0}$	$=$	769779_1
$\varphi_{38,1}$	$=$	53195_2	$\varphi_{95,0}$	$=$	790062_1

[illegible]

(Block 2:)	$\varphi_{20,1}$	$\varphi_{21,1}$	$\varphi_{22,0}$	$\varphi_{24,1}$	$\varphi_{26,0}$	$\varphi_{34,0}$	$\varphi_{35,0}$	$\varphi_{37,1}$	$\varphi_{38,0}$	$\varphi_{39,0}$
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.
$16_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.
$119_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.
$544_2 = \chi_{5,1}$	.	.	.	.	.	.	.	.	.	.
$3536_1 = \chi_{10,0}$	.	.	.	.	.	.	.	.	.	.
$3808_2 = \chi_{11,1}$	.	.	.	.	.	.	.	.	.	.
$4368_2 = \chi_{12,1}$	.	.	.	.	.	.	.	.	.	.
$4862_2 = \chi_{13,1}$	.	.	.	.	.	.	.	.	.	.
$5236_2 = \chi_{14,1}$	.	.	.	.	.	.	.	.	.	.
$6188_1 = \chi_{16,0}$	.	.	.	.	.	.	.	.	.	.
$7072_1 = \chi_{19,0}$	.	.	.	.	.	.	.	.	.	.
$8008_1 = \chi_{20,0}$	.	.	1	.	.	.	.	.	.	.
$15912_2 = \chi_{22,1}$	.	1	.	.	.	.	.	.	.	.
$17017_2 = \chi_{23,1}$	.	.	.	1	.	.	.	.	.	.
$19448_2 = \chi_{24,1}$	1	1	.	.	.	.	.	.	.	.
$20944_1 = \chi_{26,0}$	.	.	.	.	1	.	.	.	.	.
$24752_2 = \chi_{27,1}$	.	1	.	1	.	.	.	.	.	.
$62832_1 = \chi_{34,0}$	.	.	.	.	.	.	.	.	1	.
$65637_1 = \chi_{35,0}$	.	.	1	.	.	.	.	.	.	.
$68068_1 = \chi_{36,0}$	.	.	1	.	1	.	1	.	.	.
$74256_2 = \chi_{38,1}$	.	1	.	1	.	.	.	1	.	.
$87516_1 = \chi_{40,0}$	.	.	.	.	.	.	.	.	.	.
$116688_1 = \chi_{41,0}$	.	.	.	.	.	.	.	.	1	1
$116688_3 = \chi_{42,0}$	.	.	.	.	1	.	1	.	1	.
$129948_1 = \chi_{46,0}$	.	.	.	.	.	.	.	.	1	.
$129948_4 = \chi_{47,1}$	.	1	.	.	.	.	.	.	.	.
$136136_2 = \chi_{49,1}$	.	.	.	.	.	.	.	.	.	.
$148512_2 = \chi_{51,1}$	1	1	.	.	.	.	.	1	.	.
$148512_3 = \chi_{52,0}$	.	.	1	.	.	1	1	.	.	.
$155584_2 = \chi_{53,1}$	.	.	.	.	.	.	.	1	.	.
$204204_1 = \chi_{58,0}$	.	.	.	.	.	.	.	.	.	.
$205632_1 = \chi_{59,0}$	.	.	.	.	.	1	1	.	1	.
$233376_1 = \chi_{61,0}$	.	.	.	.	.	1	.	.	.	.
$238238_2 = \chi_{62,1}$	.	.	.	.	.	.	.	.	.	.
$259896_1 = \chi_{65,0}$	.	.	.	.	.	.	.	.	.	.
$272272_1 = \chi_{66,0}$	.	.	.	.	.	.	.	.	1	1
$272272_4 = \chi_{67,1}$	1	1	.	.	.	.	.	.	.	.
$272272_5 = \chi_{68,0}$	.	.	.	.	.	.	1	.	1	1
$272272_8 = \chi_{69,1}$	.	.	.	.	.	.	.	.	.	.
$346528_1 = \chi_{76,0}$	.	.	.	.	.	1	.	.	.	.

(Block 2:)	$\varphi_{40,0}$	$\varphi_{43,0}$	$\varphi_{45,0}$	$\varphi_{46,1}$	$\varphi_{49,1}$	$\varphi_{50,1}$	$\varphi_{51,0}$	$\varphi_{52,1}$	$\varphi_{55,0}$	$\varphi_{56,1}$
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.
$16_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.
$119_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.
$544_2 = \chi_{5,1}$	.	.	.	.	.	.	.	.	.	.
$3536_1 = \chi_{10,0}$	.	.	.	.	.	.	.	.	.	.
$3808_2 = \chi_{11,1}$	.	.	.	.	.	.	.	.	.	.
$4368_2 = \chi_{12,1}$	.	.	.	.	.	.	.	.	.	.
$4862_2 = \chi_{13,1}$	.	.	.	.	.	.	.	.	.	.
$5236_2 = \chi_{14,1}$	.	.	.	.	.	.	.	.	.	.
$6188_1 = \chi_{16,0}$	.	.	.	.	.	.	.	.	.	.
$7072_1 = \chi_{19,0}$	.	.	.	.	.	.	.	.	.	.
$8008_1 = \chi_{20,0}$	.	.	.	.	.	.	.	.	.	.
$15912_2 = \chi_{22,1}$	.	.	.	.	.	.	.	.	.	.
$17017_2 = \chi_{23,1}$	.	.	.	.	.	.	.	.	.	.
$19448_2 = \chi_{24,1}$	.	.	.	.	.	.	.	.	.	.
$20944_1 = \chi_{26,0}$	.	.	.	.	.	.	.	.	.	.
$24752_2 = \chi_{27,1}$	.	.	.	.	.	.	.	.	.	.
$62832_1 = \chi_{34,0}$	.	.	.	.	.	.	.	.	.	.
$65637_1 = \chi_{35,0}$	1	.	.	.	.	.	.	.	.	.
$68068_1 = \chi_{36,0}$	.	.	.	.	.	.	.	.	.	.
$74256_2 = \chi_{38,1}$	.	.	.	.	.	.	.	.	.	.
$87516_1 = \chi_{40,0}$	.	.	1	.	.	.	.	.	.	.
$116688_1 = \chi_{41,0}$	.	.	.	.	.	.	.	.	.	.
$116688_3 = \chi_{42,0}$	.	.	.	.	.	.	.	.	.	.
$129948_1 = \chi_{46,0}$	.	1	.	.	.	.	.	.	.	.
$129948_4 = \chi_{47,1}$	.	.	.	.	.	1	.	.	.	.
$136136_2 = \chi_{49,1}$	.	.	.	.	.	.	.	1	.	.
$148512_2 = \chi_{51,1}$	.	.	.	1	.	.	.	.	.	.
$148512_3 = \chi_{52,0}$	1	.	.	.	.	.	.	.	.	.
$155584_2 = \chi_{53,1}$	.	.	.	.	1	.	.	.	.	.
$204204_1 = \chi_{58,0}$	.	.	.	1	.	.	1	.	.	.
$205632_1 = \chi_{59,0}$	.	1	.	.	.	.	.	.	.	.
$233376_1 = \chi_{61,0}$	1	.	.	.	.	.	.	.	1	.
$238238_2 = \chi_{62,1}$	.	.	.	.	1	.	.	.	.	1
$259896_1 = \chi_{65,0}$	1	.	.	.	.	.	.	.	.	.
$272272_1 = \chi_{66,0}$	.	1	1	.	.	.	.	.	.	.
$272272_4 = \chi_{67,1}$	.	.	.	.	.	1	.	1	.	.
$272272_5 = \chi_{68,0}$	.	.	.	.	.	.	1	.	.	.
$272272_8 = \chi_{69,1}$	.	.	.	.	.	.	.	.	1	1
$346528_1 = \chi_{76,0}$	.	1	1	.	.	.	.	.	.	.

(Block 2:)	$\varphi_{59,0}$	$\varphi_{61,1}$	$\varphi_{64,1}$	$\varphi_{76,1}$	$\varphi_{78,0}$	$\varphi_{79,0}$	$\varphi_{93,1}$	$\varphi_{94,1}$	$\varphi_{95,1}$
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.
$16_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.
$119_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.
$544_2 = \chi_{5,1}$	.	.	.	.	.	.	.	.	.
$3536_1 = \chi_{10,0}$	.	.	.	.	.	.	.	.	.
$3808_2 = \chi_{11,1}$	.	.	.	.	.	.	.	.	.
$4368_2 = \chi_{12,1}$	.	.	.	.	.	.	.	.	.
$4862_2 = \chi_{13,1}$	.	.	.	.	.	.	.	.	.
$5236_2 = \chi_{14,1}$	.	.	.	.	.	.	.	.	.
$6188_1 = \chi_{16,0}$	.	.	.	.	.	.	.	.	.
$7072_1 = \chi_{19,0}$	.	.	.	.	.	.	.	.	.
$8008_1 = \chi_{20,0}$	.	.	.	.	.	.	.	.	.
$15912_2 = \chi_{22,1}$	.	.	.	.	.	.	.	.	.
$17017_2 = \chi_{23,1}$	.	.	.	.	.	.	.	.	.
$19448_2 = \chi_{24,1}$	.	.	.	.	.	.	.	.	.
$20944_1 = \chi_{26,0}$	.	.	.	.	.	.	.	.	.
$24752_2 = \chi_{27,1}$	.	.	.	.	.	.	.	.	.
$62832_1 = \chi_{34,0}$	.	.	.	.	.	.	.	.	.
$65637_1 = \chi_{35,0}$	.	.	.	.	.	.	.	.	.
$68068_1 = \chi_{36,0}$	.	.	.	.	.	.	.	.	.
$74256_2 = \chi_{38,1}$	.	.	.	.	.	.	.	.	.
$87516_1 = \chi_{40,0}$	.	.	.	.	.	.	.	.	.
$116688_1 = \chi_{41,0}$	.	.	.	.	.	.	.	.	.
$116688_3 = \chi_{42,0}$	.	.	.	.	.	.	.	.	.
$129948_1 = \chi_{46,0}$	.	.	.	.	.	.	.	.	.
$129948_4 = \chi_{47,1}$	.	.	.	.	.	.	.	.	.
$136136_2 = \chi_{49,1}$	.	.	.	.	.	.	.	.	.
$148512_2 = \chi_{51,1}$	.	.	.	.	.	.	.	.	.
$148512_3 = \chi_{52,0}$	.	.	.	.	.	.	.	.	.
$155584_2 = \chi_{53,1}$	.	.	.	.	.	.	.	.	.
$204204_1 = \chi_{58,0}$	.	.	.	.	.	.	.	.	.
$205632_1 = \chi_{59,0}$	.	.	.	.	.	.	.	.	.
$233376_1 = \chi_{61,0}$	.	.	.	.	.	.	.	.	.
$238238_2 = \chi_{62,1}$	.	.	.	.	.	.	.	.	.
$259896_1 = \chi_{65,0}$	.	.	1	.	.	.	.	.	.
$272272_1 = \chi_{66,0}$	.	.	.	.	.	.	.	.	.
$272272_4 = \chi_{67,1}$	.	.	.	.	.	.	.	.	.
$272272_5 = \chi_{68,0}$	.	.	.	.	.	.	.	.	.
$272272_8 = \chi_{69,1}$	.	.	.	.	.	.	.	.	.
$346528_1 = \chi_{76,0}$	1	.	.	.	.	.	.	.	.

(Block 2:)	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{5,1}$	$\varphi_{7,0}$	$\varphi_{9,1}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{14,1}$	$\varphi_{15,1}$	$\varphi_{17,0}$
$408408_2 = \chi_{81,1}$	.	.	.	.	.	.	.	.	.	.	.
$466752_1 = \chi_{83,0}$	.	.	.	.	.	.	.	.	.	.	.
$544544_1 = \chi_{86,0}$	.	.	1	.	.	1	.	1	.	.	.
$565488_2 = \chi_{88,1}$	.	.	.	.	.	.	.	.	.	.	.
$586432_2 = \chi_{91,1}$	.	.	.	.	.	.	.	.	.	.	.
$700128_2 = \chi_{98,1}$	.	.	.	.	.	.	.	.	.	.	.
$816816_1 = \chi_{105,0}$	.	1	1	.	.	.	.	.	.	.	.
$891072_1 = \chi_{108,0}$	.	.	.	.	.	.	.	.	.	.	.
$918918_1 = \chi_{110,0}$	.	1	1	.	1	.	.	1	.	.	.
$952952_1 = \chi_{111,0}$	.	.	1	.	1	.	.	.	.	.	.
$1050192_2 = \chi_{116,1}$	1	.	.	1	1	.	.	.	.	1	.
$1089088_2 = \chi_{119,1}$	1	.	.	1	.	.	.	.	.	.	.
$1089088_3 = \chi_{120,0}$	.	.	.	.	1	.	.	.	.	.	.
$1089088_6 = \chi_{121,1}$	.	.	.	.	.	1	.	.	1	.	.
$1336608_2 = \chi_{125,1}$	.	.	.	.	1	.	.	.	.	.	.
$1429428_2 = \chi_{130,1}$	.	.	.	.	.	.	.	.	.	.	.
$1454112_2 = \chi_{131,1}$	.	.	.	.	.	.	.	.	.	.	.
$1633632_2 = \chi_{135,1}$	.	.	.	.	1	.	.	.	1	.	.
$1633632_4 = \chi_{136,1}$	.	.	.	.	.	.	.	.	.	.	.
$1905904_2 = \chi_{142,1}$	.	.	.	.	.	.	.	.	1	.	.
$2255526_2 = \chi_{144,1}$	1	.	.	.	.	1	.	.	1	.	.
$2362932_1 = \chi_{145,0}$	.	.	.	.	1	1	.	.	.	.	.
$2450448_2 = \chi_{149,1}$	1	.	.	.	1	.	.	.	.	.	.
$2858856_2 = \chi_{154,1}$	.	.	.	.	.	.	.	.	.	.	.
$3620864_2 = \chi_{156,1}$	.	.	.	.	1	1	.	.	.	.	.

[illegible]

(Block 2:)	$\varphi_{40,0}$	$\varphi_{43,0}$	$\varphi_{45,0}$	$\varphi_{46,1}$	$\varphi_{49,1}$	$\varphi_{50,1}$	$\varphi_{51,0}$	$\varphi_{52,1}$	$\varphi_{55,0}$	$\varphi_{56,1}$
$408408_2 = \chi_{81,1}$	.	.	.	1	1	.	.	.	.	.
$466752_1 = \chi_{83,0}$	.	.	.	.	.	.	.	.	1	1
$544544_1 = \chi_{86,0}$	.	.	1	.	.	.	.	.	.	.
$565488_2 = \chi_{88,1}$	.	.	.	.	1	.	.	.	.	1
$586432_2 = \chi_{91,1}$	.	.	.	.	.	1	.	.	.	.
$700128_2 = \chi_{98,1}$	.	.	.	.	1	.	.	.	.	1
$816816_1 = \chi_{105,0}$	.	.	.	1	.	.	1	.	.	.
$891072_1 = \chi_{108,0}$	1	.	.	.	.	.	1	.	.	.
$918918_1 = \chi_{110,0}$	.	1	1	.	.	.	1	.	.	.
$952952_1 = \chi_{111,0}$	.	1	1	.	.	.	.	.	.	.
$1050192_2 = \chi_{116,1}$	.	.	.	.	.	1	.	1	.	.
$1089088_2 = \chi_{119,1}$	.	.	.	.	.	1	.	.	.	.
$1089088_3 = \chi_{120,0}$	.	.	.	.	.	.	1	.	.	.
$1089088_6 = \chi_{121,1}$	.	.	1	.	.	.	.	.	.	.
$1336608_2 = \chi_{125,1}$	.	.	.	.	.	.	.	1	.	.
$1429428_2 = \chi_{130,1}$	.	.	.	.	.	1	.	1	.	.
$1454112_2 = \chi_{131,1}$	.	.	.	.	.	.	.	.	1	1
$1633632_2 = \chi_{135,1}$	.	.	.	.	.	.	.	.	.	.
$1633632_4 = \chi_{136,1}$	1	.	.	.	.	.	.	.	1	.
$1905904_2 = \chi_{142,1}$	.	.	.	1	1	.	.	.	.	1
$2255526_2 = \chi_{144,1}$	.	.	.	1	.	1	.	.	.	.
$2362932_1 = \chi_{145,0}$	.	.	1	1	.	.	1	.	.	.
$2450448_2 = \chi_{149,1}$	.	.	.	1	.	.	1	.	.	.
$2858856_2 = \chi_{154,1}$	.	.	.	.	.	.	.	.	1	1
$3620864_2 = \chi_{156,1}$	.	.	.	.	.	1	.	1	.	.

(Block 2:)	$\varphi_{59,0}$	$\varphi_{61,1}$	$\varphi_{64,1}$	$\varphi_{76,1}$	$\varphi_{78,0}$	$\varphi_{79,0}$	$\varphi_{93,1}$	$\varphi_{94,1}$	$\varphi_{95,1}$
$408408_2 = \chi_{81,1}$	.	1	.	.	.	.	.	.	.
$466752_1 = \chi_{83,0}$	1	.	.	.	.	.	.	.	.
$544544_1 = \chi_{86,0}$	.	.	.	.	.	1	.	.	.
$565488_2 = \chi_{88,1}$	1	1	.	.	.	.	.	.	.
$586432_2 = \chi_{91,1}$	.	.	.	1	.	.	.	.	.
$700128_2 = \chi_{98,1}$	.	.	.	1	.	.	.	.	.
$816816_1 = \chi_{105,0}$	.	1	.	.	.	1	.	.	.
$891072_1 = \chi_{108,0}$	.	.	1	.	1	.	.	.	.
$918918_1 = \chi_{110,0}$	.	.	.	.	.	1	.	.	.
$952952_1 = \chi_{111,0}$	1	1	.	.	.	1	.	.	.
$1050192_2 = \chi_{116,1}$	.	.	.	.	.	.	1	.	.
$1089088_2 = \chi_{119,1}$	.	.	1	.	.	.	1	.	.
$1089088_3 = \chi_{120,0}$	.	.	.	.	1	1	.	.	.
$1089088_6 = \chi_{121,1}$	1	.	.	.	.	.	.	.	1
$1336608_2 = \chi_{125,1}$	.	.	.	.	1	.	.	1	.
$1429428_2 = \chi_{130,1}$	.	.	.	1	.	.	.	1	.
$1454112_2 = \chi_{131,1}$	.	.	.	1	.	.	.	1	.
$1633632_2 = \chi_{135,1}$	.	.	.	.	.	.	1	.	1
$1633632_4 = \chi_{136,1}$	.	.	1	.	1	.	.	1	.
$1905904_2 = \chi_{142,1}$	1	1	.	1	.	.	.	.	1
$2255526_2 = \chi_{144,1}$	.	.	.	1	.	.	1	.	1
$2362932_1 = \chi_{145,0}$	1	1	.	.	1	1	.	.	1
$2450448_2 = \chi_{149,1}$	.	.	1	.	1	.	1	.	1
$2858856_2 = \chi_{154,1}$	1	.	.	1	1	.	.	1	1
$3620864_2 = \chi_{156,1}$	.	.	1	1	1	.	1	1	1

(Block 3:)	$\varphi_{80,0}$	$\varphi_{81,0}$	$\varphi_{89,1}$	$\varphi_{91,1}$		
$120_1 = \chi_{4,0}$	.	.	.	.	$\varphi_{4,0} =$	120_1
$1820_2 = \chi_{9,1}$	.	.	.	.	$\varphi_{11,1} =$	1820_2
$11440_1 = \chi_{21,0}$	.	.	.	.	$\varphi_{23,0} =$	11440_1
$48620_1 = \chi_{33,0}$	.	.	.	.	$\varphi_{29,0} =$	35480_1
$123760_1 = \chi_{44,0}$	.	.	.	.	$\varphi_{36,0} =$	48620_1
$145860_1 = \chi_{50,0}$	.	.	.	.	$\varphi_{44,0} =$	75020_1
$159120_1 = \chi_{55,0}$	.	.	.	.	$\varphi_{54,0} =$	134420_1
$194480_2 = \chi_{57,1}$	.	.	.	.	$\varphi_{58,1} =$	147680_2
$209440_1 = \chi_{60,0}$	.	.	.	.	$\varphi_{62,1} =$	192660_2
$340340_2 = \chi_{74,1}$	.	.	.	.	$\varphi_{69,1} =$	303040_2
$340340_4 = \chi_{75,1}$	.	.	.	.	$\varphi_{80,0} =$	435640_1
$583440_3 = \chi_{90,0}$	1	.	.	.	$\varphi_{81,0} =$	439520_1
$680680_3 = \chi_{97,0}$	1	.	.	.	$\varphi_{89,1} =$	716160_2
$742560_2 = \chi_{101,1}$	.	.	.	1	$\varphi_{91,1} =$	731120_2
$908820_2 = \chi_{109,1}$	.	.	1	.		
$1021020_1 = \chi_{114,0}$	1	1	.	.		
$1361360_4 = \chi_{127,1}$	.	.	1	.		
$1361360_5 = \chi_{128,0}$	1	1	.	.		
$1485120_2 = \chi_{132,1}$	.	1	.	1		
$1750320_4 = \chi_{140,1}$	.	.	1	1		

[illegible]

(Block 4:)	$\varphi_{80,1}$	$\varphi_{81,1}$	$\varphi_{89,0}$	$\varphi_{91,0}$		
$120_2 = \chi_{4,1}$	.	.	.	.	$\varphi_{4,1} =$	120_2
$1820_1 = \chi_{9,0}$	.	.	.	.	$\varphi_{11,0} =$	1820_1
$11440_2 = \chi_{21,1}$	.	.	.	.	$\varphi_{23,1} =$	11440_2
$48620_2 = \chi_{33,1}$	.	.	.	.	$\varphi_{29,1} =$	35480_2
$123760_2 = \chi_{44,1}$	.	.	.	.	$\varphi_{36,1} =$	48620_2
$145860_2 = \chi_{50,1}$	.	.	.	.	$\varphi_{44,1} =$	75020_2
$159120_2 = \chi_{55,1}$	.	.	.	.	$\varphi_{54,1} =$	134420_2
$194480_1 = \chi_{57,0}$	.	.	.	.	$\varphi_{58,0} =$	147680_1
$209440_2 = \chi_{60,1}$	.	.	.	.	$\varphi_{62,0} =$	192660_1
$340340_1 = \chi_{74,0}$	.	.	.	.	$\varphi_{69,0} =$	303040_1
$340340_3 = \chi_{75,0}$	.	.	.	.	$\varphi_{80,1} =$	435640_2
$583440_4 = \chi_{90,1}$	1	.	.	.	$\varphi_{81,1} =$	439520_2
$680680_4 = \chi_{97,1}$	1	.	.	.	$\varphi_{89,0} =$	716160_1
$742560_1 = \chi_{101,0}$	.	.	.	1	$\varphi_{91,0} =$	731120_1
$908820_1 = \chi_{109,0}$	.	.	1	.		
$1021020_2 = \chi_{114,1}$	1	1	.	.		
$1361360_3 = \chi_{127,0}$	.	.	1	.		
$1361360_6 = \chi_{128,1}$	1	1	.	.		
$1485120_1 = \chi_{132,0}$	.	1	.	1		
$1750320_3 = \chi_{140,0}$	.	.	1	1		

Block 5:	$\varphi_{6,0}$	$\varphi_{6,1}$	φ_{18+}	$\varphi_{31,0}$	$\varphi_{31,1}$	$\varphi_{53,0}$	$\varphi_{53,1}$	$\varphi_{57,0}$	$\varphi_{57,1}$	$\varphi_{67,0}$
$560_1 = \chi_{6,0}$	1	.	.	.	.	.	.	.	.	.
$560_2 = \chi_{6,1}$	.	1	.	.	.	.	.	.	.	.
$12870_1 = \chi_{17+}$	.	.	1	.	.	.	.	.	.	.
$134640_1 = \chi_{48,0}$	1	.	.	.	.	1	.	.	.	.
$134640_2 = \chi_{48,1}$	.	1	.	.	.	.	1	.	.	.
$157080_1 = \chi_{54,0}$	.	.	1	.	.	.	.	1	.	.
$157080_2 = \chi_{54,1}$	.	.	1	.	.	.	.	.	1	.
$170170_1 = \chi_{56,0}$	.	.	.	1	.	1	.	.	.	.
$170170_2 = \chi_{56,1}$	.	.	.	.	1	.	1	.	.	.
$291720_1 = \chi_{70,0}$	1	.	.	.	1	.	.	.	.	1
$291720_2 = \chi_{70,1}$	.	1	.	1	.	.	.	.	.	.
$556920_1 = \chi_{87,0}$	.	.	.	.	.	.	.	1	.	.
$556920_2 = \chi_{87,1}$	.	.	.	.	.	.	.	.	1	.
$583440_1 = \chi_{89,0}$	1	.	.	1	.	1	.	.	.	.
$583440_2 = \chi_{89,1}$	.	1	.	.	1	.	1	.	.	.
$848640_1 = \chi_{106,0}$	1	.	.	1	.	.	.	1	.	1
$848640_2 = \chi_{106,1}$	.	1	.	.	1	.	.	.	1	.
$1361360_7 = \chi_{129,0}$	.	.	1	.	.	.	.	1	.	1
$1361360_8 = \chi_{129,1}$	.	.	1	.	.	.	.	.	1	.
$1531530_1 = \chi_{103+}$	.	.	.	1	1	.	.	.	.	1

(Block 5:)	$\varphi_{67,1}$	$\varphi_{77,0}$	$\varphi_{77,1}$	φ_{82+}		
$560_1 = \chi_{6,0}$	.	.	.	.		
$560_2 = \chi_{6,1}$	.	.	.	.		
$12870_1 = \chi_{17+}$	.	.	.	.	$\varphi_{6,0} =$	560_1
$134640_1 = \chi_{48,0}$	.	.	.	.	$\varphi_{6,1} =$	560_2
$134640_2 = \chi_{48,1}$	.	.	.	.	$\varphi_{18+} =$	12870_1
$157080_1 = \chi_{54,0}$	.	.	.	.	$\varphi_{31,0} =$	36090_1
$157080_2 = \chi_{54,1}$	.	.	.	.	$\varphi_{31,1} =$	36090_2
$170170_1 = \chi_{56,0}$	.	.	.	.	$\varphi_{53,0} =$	134080_1
$170170_2 = \chi_{56,1}$	.	.	.	.	$\varphi_{53,1} =$	134080_2
$291720_1 = \chi_{70,0}$	.	.	.	.	$\varphi_{57,0} =$	144210_1
$291720_2 = \chi_{70,1}$	1	.	.	.	$\varphi_{57,1} =$	144210_2
$556920_1 = \chi_{87,0}$	.	1	.	.	$\varphi_{67,0} =$	255070_1
$556920_2 = \chi_{87,1}$	.	.	1	.	$\varphi_{67,1} =$	255070_2
$583440_1 = \chi_{89,0}$	.	1	.	.	$\varphi_{77,0} =$	412710_1
$583440_2 = \chi_{89,1}$	.	.	1	.	$\varphi_{77,1} =$	412710_2
$848640_1 = \chi_{106,0}$	.	1	.	.	$\varphi_{82+} =$	949210_1
$848640_2 = \chi_{106,1}$	1	.	1	.		
$1361360_7 = \chi_{129,0}$	.	.	.	1		
$1361360_8 = \chi_{129,1}$	1	.	.	1		
$1531530_1 = \chi_{103+}$	1	.	.	1		

Block 6:	$\varphi_{8,0}$	$\varphi_{16,1}$	$\varphi_{25,0}$	$\varphi_{28,0}$	$\varphi_{41,1}$	$\varphi_{42,1}$	$\varphi_{47,0}$	$\varphi_{63,0}$	$\varphi_{66,0}$	$\varphi_{70,1}$
$1105_1 = \chi_{7,0}$	1	.	.	.	.	.	.	.	.	.
$5355_2 = \chi_{15,1}$	.	1	.	.	.	.	.	.	.	.
$33320_1 = \chi_{28,0}$	1	.	.	1	.	.	.	.	.	.
$46410_1 = \chi_{32,0}$	.	.	1	1	.	.	.	.	.	.
$70720_2 = \chi_{37,1}$	.	1	.	.	.	1	.	.	.	.
$85085_1 = \chi_{39,0}$	.	.	.	.	.	.	1	.	.	.
$123760_4 = \chi_{45,1}$	.	.	.	.	1	1	.	.	.	.
$247520_1 = \chi_{64,0}$	1	.	1	1	.	.	.	1	.	.
$318240_1 = \chi_{71,0}$	.	.	.	.	.	.	1	.	1	.
$388960_2 = \chi_{79,1}$	.	1	1	.	.	.	.	.	.	.
$399840_2 = \chi_{80,1}$	.	.	.	.	.	.	1	.	.	1
$433160_1 = \chi_{82,0}$	.	.	.	.	.	.	.	1	1	.
$680680_2 = \chi_{96,1}$	.	.	.	.	.	1	.	.	.	.
$1113840_2 = \chi_{122,1}$	.	1	.	.	1	1	.	.	.	.
$1299480_2 = \chi_{123,1}$	.	.	.	.	.	.	.	.	.	1
$1361360_1 = \chi_{126,0}$	1	.	.	.	1	.	.	.	.	.
$1750320_1 = \chi_{139,0}$	1	.	1	.	.	.	.	1	1	.
$2598960_1 = \chi_{152,0}$	.	.	.	.	.	.	1	.	1	1
$2722720_2 = \chi_{153,1}$	.	.	1	.	1	.	.	.	.	1
$3573570_1 = \chi_{155,0}$	.	.	1	.	1	.	.	.	1	.

(Block 6:)	$\varphi_{75,1}$	$\varphi_{85,1}$	$\varphi_{101,0}$	$\varphi_{105,0}$	
$1105_1 = \chi_{7,0}$	.	.	.	.	
$5355_2 = \chi_{15,1}$	.	.	.	.	
$33320_1 = \chi_{28,0}$	.	.	.	.	$\varphi_{8,0} = 1105_1$
$46410_1 = \chi_{32,0}$	.	.	.	.	$\varphi_{16,1} = 5355_2$
$70720_2 = \chi_{37,1}$	.	.	.	.	$\varphi_{25,0} = 14195_1$
$85085_1 = \chi_{39,0}$	.	.	.	.	$\varphi_{28,0} = 32215_1$
$123760_4 = \chi_{45,1}$	.	.	.	.	$\varphi_{41,1} = 58395_2$
$247520_1 = \chi_{64,0}$	.	.	.	.	$\varphi_{42,1} = 65365_2$
$318240_1 = \chi_{71,0}$	.	.	.	.	$\varphi_{47,0} = 85085_1$
$388960_2 = \chi_{79,1}$	1	.	.	.	$\varphi_{63,0} = 200005_1$
$399840_2 = \chi_{80,1}$	.	.	.	.	$\varphi_{66,0} = 233155_1$
$433160_1 = \chi_{82,0}$	.	.	.	.	$\varphi_{70,1} = 314755_2$
$680680_2 = \chi_{96,1}$	.	1	.	.	$\varphi_{75,1} = 369410_2$
$1113840_2 = \chi_{122,1}$	1	1	.	.	$\varphi_{85,1} = 615315_2$
$1299480_2 = \chi_{123,1}$	1	1	.	.	$\varphi_{101,0} = 1301860_1$
$1361360_1 = \chi_{126,0}$	.	.	1	.	$\varphi_{105,0} = 1965965_1$
$1750320_1 = \chi_{139,0}$	.	.	1	.	
$2598960_1 = \chi_{152,0}$	.	.	.	1	
$2722720_2 = \chi_{153,1}$	1	.	.	1	
$3573570_1 = \chi_{155,0}$	.	.	1	1	

Block 7:	$\varphi_{8,1}$	$\varphi_{16,0}$	$\varphi_{25,1}$	$\varphi_{28,1}$	$\varphi_{41,0}$	$\varphi_{42,0}$	$\varphi_{47,1}$	$\varphi_{63,1}$	$\varphi_{66,1}$	$\varphi_{70,0}$
$1105_2 = \chi_{7,1}$	1	.	.	.	.	.	.	.	.	.
$5355_1 = \chi_{15,0}$	.	1	.	.	.	.	.	.	.	.
$33320_2 = \chi_{28,1}$	1	.	.	1	.	.	.	.	.	.
$46410_2 = \chi_{32,1}$	.	.	1	1	.	.	.	.	.	.
$70720_1 = \chi_{37,0}$	.	1	.	.	.	1	.	.	.	.
$85085_2 = \chi_{39,1}$	.	.	.	.	.	.	1	.	.	.
$123760_3 = \chi_{45,0}$	.	.	.	.	1	1	.	.	.	.
$247520_2 = \chi_{64,1}$	1	.	1	1	.	.	.	1	.	.
$318240_2 = \chi_{71,1}$	.	.	.	.	.	.	1	.	1	.
$388960_1 = \chi_{79,0}$	.	1	1	.	.	.	.	.	.	.
$399840_1 = \chi_{80,0}$	.	.	.	.	.	.	1	.	.	1
$433160_2 = \chi_{82,1}$	.	.	.	.	.	.	.	1	1	.
$680680_1 = \chi_{96,0}$	.	.	.	.	.	1	.	.	.	.
$1113840_1 = \chi_{122,0}$	.	1	.	.	1	1	.	.	.	.
$1299480_1 = \chi_{123,0}$	.	.	.	.	.	.	.	.	.	1
$1361360_2 = \chi_{126,1}$	1	.	.	.	1	.	.	.	.	.
$1750320_2 = \chi_{139,1}$	1	.	1	.	.	.	.	1	1	.
$2598960_2 = \chi_{152,1}$	.	.	.	.	.	.	1	.	1	1
$2722720_1 = \chi_{153,0}$	.	.	1	.	1	.	.	.	.	1
$3573570_2 = \chi_{155,1}$	.	.	1	.	1	.	.	.	1	.

(Block 7:)	$\varphi_{75,0}$	$\varphi_{85,0}$	$\varphi_{101,1}$	$\varphi_{105,1}$	
$1105_2 = \chi_{7,1}$	.	.	.	.	
$5355_1 = \chi_{15,0}$	.	.	.	.	
$33320_2 = \chi_{28,1}$	.	.	.	.	$\varphi_{8,1} = 1105_2$
$46410_2 = \chi_{32,1}$	.	.	.	.	$\varphi_{16,0} = 5355_1$
$70720_1 = \chi_{37,0}$	.	.	.	.	$\varphi_{25,1} = 14195_2$
$85085_2 = \chi_{39,1}$	.	.	.	.	$\varphi_{28,1} = 32215_2$
$123760_3 = \chi_{45,0}$	.	.	.	.	$\varphi_{41,0} = 58395_1$
$247520_2 = \chi_{64,1}$	.	.	.	.	$\varphi_{42,0} = 65365_1$
$318240_2 = \chi_{71,1}$	.	.	.	.	$\varphi_{47,1} = 85085_2$
$388960_1 = \chi_{79,0}$	1	.	.	.	$\varphi_{63,1} = 200005_2$
$399840_1 = \chi_{80,0}$	.	.	.	.	$\varphi_{66,1} = 233155_2$
$433160_2 = \chi_{82,1}$	.	.	.	.	$\varphi_{70,0} = 314755_1$
$680680_1 = \chi_{96,0}$	.	1	.	.	$\varphi_{75,0} = 369410_1$
$1113840_1 = \chi_{122,0}$	1	1	.	.	$\varphi_{85,0} = 615315_1$
$1299480_1 = \chi_{123,0}$	1	1	.	.	$\varphi_{101,1} = 1301860_2$
$1361360_2 = \chi_{126,1}$	.	.	1	.	$\varphi_{105,1} = 1965965_2$
$1750320_2 = \chi_{139,1}$	.	.	1	.	
$2598960_2 = \chi_{152,1}$	.	.	.	1	
$2722720_1 = \chi_{153,0}$	1	.	.	1	
$3573570_2 = \chi_{155,1}$	.	.	1	1	

Block 8:	$\varphi_{10,0}$	$\varphi_{84,0}$	$\varphi_{86,0}$	$\varphi_{100,0}$	
$1700_1 = \chi_{8,0}$	1	.	.	.	$\varphi_{10,0} = 1700_1$
$486200_1 = \chi_{84,0}$	.	1	.	.	$\varphi_{84,0} = 486200_1$
$618800_3 = \chi_{93,0}$	1	.	1	.	$\varphi_{86,0} = 617100_1$
$1570800_1 = \chi_{133,0}$	.	1	.	1	$\varphi_{100,0} = 1084600_1$
$1701700_1 = \chi_{137,0}$	.	.	1	1	

Block 9:	$\varphi_{10,1}$	$\varphi_{84,1}$	$\varphi_{86,1}$	$\varphi_{100,1}$	
$1700_2 = \chi_{8,1}$	1	.	.	.	$\varphi_{10,1} = 1700_2$
$486200_2 = \chi_{84,1}$	.	1	.	.	$\varphi_{84,1} = 486200_2$
$618800_4 = \chi_{93,1}$	1	.	1	.	$\varphi_{86,1} = 617100_2$
$1570800_2 = \chi_{133,1}$	.	1	.	1	$\varphi_{100,1} = 1084600_2$
$1701700_2 = \chi_{137,1}$	.	.	1	1	

Block 10:	$\varphi_{27,0}$	$\varphi_{65,0}$	$\varphi_{97,0}$	$\varphi_{98,1}$
$20400_1 = \chi_{25,0}$	1	.	.	.
$243100_1 = \chi_{63,0}$	1	1	.	.
$972400_4 = \chi_{113,1}$	.	.	.	1
$1082900_3 = \chi_{118,0}$	.	1	1	.
$1832600_2 = \chi_{141,1}$	.	.	1	1

$$\begin{aligned}
\varphi_{27,0} &= 20400_1 \\
\varphi_{65,0} &= 222700_1 \\
\varphi_{97,0} &= 860200_1 \\
\varphi_{98,1} &= 972400_2
\end{aligned}$$

Block 11:	$\varphi_{27,1}$	$\varphi_{65,1}$	$\varphi_{97,1}$	$\varphi_{98,0}$
$20400_2 = \chi_{25,1}$	1	.	.	.
$243100_2 = \chi_{63,1}$	1	1	.	.
$972400_3 = \chi_{113,0}$	.	.	.	1
$1082900_4 = \chi_{118,1}$	.	1	1	.
$1832600_1 = \chi_{141,0}$	.	.	1	1

$$\begin{aligned}
\varphi_{27,1} &= 20400_2 \\
\varphi_{65,1} &= 222700_2 \\
\varphi_{97,1} &= 860200_2 \\
\varphi_{98,0} &= 972400_1
\end{aligned}$$

Block 12:	$\varphi_{30,0}$	$\varphi_{48,0}$	$\varphi_{99,1}$	$\varphi_{104,1}$
$35700_1 = \chi_{29,0}$	1	.	.	.
$121550_1 = \chi_{43,0}$	1	1	.	.
$1047200_2 = \chi_{115,1}$	.	.	1	.
$1591200_2 = \chi_{134,1}$	.	1	.	1
$2552550_2 = \chi_{151,1}$	.	.	1	1

$$\begin{aligned}
\varphi_{30,0} &= 35700_1 \\
\varphi_{48,0} &= 85850_1 \\
\varphi_{99,1} &= 1047200_2 \\
\varphi_{104,1} &= 1505350_2
\end{aligned}$$

Block 13:	$\varphi_{30,1}$	$\varphi_{48,1}$	$\varphi_{99,0}$	$\varphi_{104,0}$
$35700_2 = \chi_{29,1}$	1	.	.	.
$121550_2 = \chi_{43,1}$	1	1	.	.
$1047200_1 = \chi_{115,0}$	.	.	1	.
$1591200_1 = \chi_{134,0}$	.	1	.	1
$2552550_1 = \chi_{151,0}$	.	.	1	1

$$\begin{aligned}
\varphi_{30,1} &= 35700_2 \\
\varphi_{48,1} &= 85850_2 \\
\varphi_{99,0} &= 1047200_1 \\
\varphi_{104,0} &= 1505350_1
\end{aligned}$$

Block 14:	$\varphi_{32,0}$	$\varphi_{60,1}$	$\varphi_{74,1}$	$\varphi_{96,0}$
$37400_1 = \chi_{30,0}$	1	.	.	.
$364650_2 = \chi_{78,1}$	.	.	1	.
$523600_2 = \chi_{85,1}$	.	1	1	.
$850850_1 = \chi_{107,0}$	1	.	.	1
$972400_1 = \chi_{112,0}$	.	1	.	1

$$\begin{aligned}
\varphi_{32,0} &= 37400_1 \\
\varphi_{60,1} &= 158950_2 \\
\varphi_{74,1} &= 364650_2 \\
\varphi_{96,0} &= 813450_1
\end{aligned}$$

Block 15:	$\varphi_{32,1}$	$\varphi_{60,0}$	$\varphi_{74,0}$	$\varphi_{96,1}$
$37400_2 = \chi_{30,1}$	1	.	.	.
$364650_1 = \chi_{78,0}$	.	.	1	.
$523600_1 = \chi_{85,0}$	.	1	1	.
$850850_2 = \chi_{107,1}$	1	.	.	1
$972400_2 = \chi_{112,1}$	.	1	.	1

$$\begin{aligned}
\varphi_{32,1} &= 37400_2 \\
\varphi_{60,0} &= 158950_1 \\
\varphi_{74,0} &= 364650_1 \\
\varphi_{96,1} &= 813450_2
\end{aligned}$$

Block 16:	$\varphi_{33,0}$	$\varphi_{33,1}$	$\varphi_{107,0}$	$\varphi_{107,1}$
$38675_1 = \chi_{31,0}$	1	.	.	.
$38675_2 = \chi_{31,1}$	.	1	.	.
$2475200_1 = \chi_{150,0}$	1	.	1	.
$2475200_2 = \chi_{150,1}$	.	1	.	1
$4873050_1 = \chi_{147+}$	.	.	1	1

$$\begin{aligned}
\varphi_{33,0} &= 38675_1 \\
\varphi_{33,1} &= 38675_2 \\
\varphi_{107,0} &= 2436525_1 \\
\varphi_{107,1} &= 2436525_2
\end{aligned}$$

Block 19:	$\varphi_{68,0}$	$\varphi_{72,0}$	$\varphi_{92,1}$	$\varphi_{103,1}$
$333200_1 = \chi_{73,0}$	.	1	.	.
$618800_1 = \chi_{92,0}$	1	1	.	.
$749700_2 = \chi_{102,1}$	.	.	1	.
$1701700_4 = \chi_{138,1}$	1	.	.	1
$2165800_2 = \chi_{143,1}$	.	.	1	1

$$\begin{aligned}
\varphi_{68,0} &= 285600_1 \\
\varphi_{72,0} &= 333200_1 \\
\varphi_{92,1} &= 749700_2 \\
\varphi_{103,1} &= 1416100_2
\end{aligned}$$

Block 20:	$\varphi_{68,1}$	$\varphi_{72,1}$	$\varphi_{92,0}$	$\varphi_{103,0}$
$333200_2 = \chi_{73,1}$	.	1	.	.
$618800_2 = \chi_{92,1}$	1	1	.	.
$749700_1 = \chi_{102,0}$	.	.	1	.
$1701700_3 = \chi_{138,0}$	1	.	.	1
$2165800_1 = \chi_{143,0}$	.	.	1	1

$$\begin{aligned}
\varphi_{68,1} &= 285600_2 \\
\varphi_{72,1} &= 333200_2 \\
\varphi_{92,0} &= 749700_1 \\
\varphi_{103,0} &= 1416100_1
\end{aligned}$$

Block 21:	$\varphi_{73,0}$	$\varphi_{73,1}$	$\varphi_{90,0}$	$\varphi_{90,1}$
$353600_1 = \chi_{77,0}$	1	.	.	.
$353600_2 = \chi_{77,1}$	.	1	.	.
$1082900_1 = \chi_{117,0}$	1	.	1	.
$1082900_2 = \chi_{117,1}$	.	1	.	1
$1458600_1 = \chi_{99+}$	.	.	1	1

$$\begin{aligned}
\varphi_{73,0} &= 353600_1 \\
\varphi_{73,1} &= 353600_2 \\
\varphi_{90,0} &= 729300_1 \\
\varphi_{90,1} &= 729300_2
\end{aligned}$$