

$A_{18}.2 \pmod{3}$

	blocks	defect	matrix
$G :$	1	8	221×65
	2	5	51×20
	3	5	51×20
	4	4	22×10
	5	4	22×10
	6	2	9×5
	7	2	9×5

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{9,0}$	$\varphi_{12,0}$	$\varphi_{13,0}$	$\varphi_{16,0}$	$\varphi_{17,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.
$17_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.	.
$17_2 = \chi_{2,1}$	1	1	.	.	.	.	.	.	.	.	.
$136_1 = \chi_{4,0}$	.	.	.	.	.	.	.	.	.	.	.
$136_2 = \chi_{4,1}$	.	1	1	.	.	.	.	.	.	.	.
$663_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.	.	.	.
$663_2 = \chi_{5,1}$	.	1	.	1	.	.	.	.	.	.	.
$680_1 = \chi_{6,0}$	.	.	.	.	.	.	.	.	.	.	.
$680_2 = \chi_{6,1}$	.	.	1	.	1	.	.	.	.	.	.
$1344_1 = \chi_{7,0}$	.	.	.	.	.	.	.	.	.	.	.
$1344_2 = \chi_{7,1}$	1	1	1	1	1	.	.	.	.	.	.
$2244_1 = \chi_{8,0}$	.	.	.	.	.	.	.	.	.	.	.
$2244_2 = \chi_{8,1}$	.	.	.	1	.	1	.	.	.	.	.
$2380_1 = \chi_{9,0}$	.	.	.	.	.	.	.	.	.	.	.
$2380_2 = \chi_{9,1}$	.	.	.	.	1	.	1	.	.	.	.
$4641_1 = \chi_{10,0}$	.	.	.	.	.	.	.	.	.	.	.
$4641_2 = \chi_{10,1}$	1	1	.	1	1	1	1	.	.	.	.
$4862_1 = \chi_{11,0}$	1	.	.	.	.	.	.	.	.	.	.
$4862_2 = \chi_{11,1}$	.	1	.	.	.	.	.	.	.	.	.
$6188_1 = \chi_{13,0}$	.	.	.	.	.	.	.	.	.	.	.
$6188_2 = \chi_{13,1}$	.	.	.	.	.	.	1	.	1	.	.
$9996_1 = \chi_{16,0}$	.	.	.	.	.	.	.	.	.	.	.
$9996_2 = \chi_{16,1}$	.	.	.	1	.	1	.	.	.	1	.
$12376_1 = \chi_{18,0}$	.	.	.	.	.	.	.	.	.	.	.
$12376_2 = \chi_{18,1}$	.	.	.	.	.	.	.	.	1	.	.
$13260_1 = \chi_{19,0}$	.	.	.	.	.	.	.	.	.	.	.
$13260_2 = \chi_{19,1}$	.	1	.	1	.	.	.	.	.	1	.
$19448_1 = \chi_{20,0}$	.	.	.	.	.	.	.	.	.	.	.
$19448_2 = \chi_{20,1}$	.	.	.	.	.	.	.	.	.	.	.
$22848_1 = \chi_{21,0}$	.	.	.	.	.	.	.	.	.	.	.
$22848_2 = \chi_{21,1}$	.	.	.	1	1	1	.	1	.	.	.
$24310_1 = \chi_{23,0}$	.	.	.	.	.	.	.	.	.	.	.
$24310_2 = \chi_{23,1}$	.	.	.	.	.	.	.	.	.	.	.
$29172_1 = \chi_{24,0}$	.	.	.	.	.	.	.	.	.	.	.
$29172_2 = \chi_{24,1}$	.	1	1	1	1	1	1	1	1	.	.
$53040_1 = \chi_{27,0}$	.	.	.	.	.	.	.	.	.	.	.
$53040_2 = \chi_{27,1}$	.	.	.	1	1	1	.	1	.	1	1
$56100_1 = \chi_{28,0}$	.	.	.	.	.	.	.	.	.	.	.
$56100_2 = \chi_{28,1}$	.	.	1	.	2	.	.	1	1	.	1

(Block 1:)	$\varphi_{19,0}$	$\varphi_{20,0}$	$\varphi_{21,0}$	$\varphi_{23,0}$	$\varphi_{25,0}$	$\varphi_{27,0}$	$\varphi_{28,0}$	$\varphi_{31,0}$	$\varphi_{33,0}$	$\varphi_{34,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.
$17_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.
$17_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.
$136_1 = \chi_{4,0}$	.	.	.	.	.	.	.	.	.	.
$136_2 = \chi_{4,1}$	.	.	.	.	.	.	.	.	.	.
$663_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.	.	.
$663_2 = \chi_{5,1}$	.	.	.	.	.	.	.	.	.	.
$680_1 = \chi_{6,0}$	.	.	.	.	.	.	.	.	.	.
$680_2 = \chi_{6,1}$	.	.	.	.	.	.	.	.	.	.
$1344_1 = \chi_{7,0}$	.	.	.	.	.	.	.	.	.	.
$1344_2 = \chi_{7,1}$	.	.	.	.	.	.	.	.	.	.
$2244_1 = \chi_{8,0}$	.	.	.	.	.	.	.	.	.	.
$2244_2 = \chi_{8,1}$	.	.	.	.	.	.	.	.	.	.
$2380_1 = \chi_{9,0}$	.	.	.	.	.	.	.	.	.	.
$2380_2 = \chi_{9,1}$	.	.	.	.	.	.	.	.	.	.
$4641_1 = \chi_{10,0}$	.	.	.	.	.	.	.	.	.	.
$4641_2 = \chi_{10,1}$	.	.	.	.	.	.	.	.	.	.
$4862_1 = \chi_{11,0}$	.	.	.	.	.	.	.	.	.	.
$4862_2 = \chi_{11,1}$	.	.	.	1	.	.	.	.	.	.
$6188_1 = \chi_{13,0}$	.	.	.	.	.	.	.	.	.	.
$6188_2 = \chi_{13,1}$	.	.	.	.	.	.	.	.	.	.
$9996_1 = \chi_{16,0}$	.	.	.	.	.	.	.	.	.	.
$9996_2 = \chi_{16,1}$	.	.	.	.	.	.	.	.	.	.
$12376_1 = \chi_{18,0}$	.	.	.	.	.	.	.	.	.	.
$12376_2 = \chi_{18,1}$	.	1	.	.	.	.	.	.	.	.
$13260_1 = \chi_{19,0}$	.	.	.	.	.	.	.	.	.	.
$13260_2 = \chi_{19,1}$	.	.	.	1	.	.	.	.	.	.
$19448_1 = \chi_{20,0}$	.	.	.	.	.	.	.	.	.	.
$19448_2 = \chi_{20,1}$	.	1	.	.	.	1	.	.	.	.
$22848_1 = \chi_{21,0}$	.	.	.	.	.	.	.	.	.	.
$22848_2 = \chi_{21,1}$	.	.	.	.	.	.	.	.	.	.
$24310_1 = \chi_{23,0}$	.	.	.	.	.	.	.	.	.	.
$24310_2 = \chi_{23,1}$	.	.	.	.	.	1	.	.	.	.
$29172_1 = \chi_{24,0}$	.	.	.	.	.	.	.	.	.	.
$29172_2 = \chi_{24,1}$	.	.	.	.	.	.	.	.	.	.
$53040_1 = \chi_{27,0}$	.	.	.	.	.	.	.	.	.	.
$53040_2 = \chi_{27,1}$	.	.	.	.	.	.	.	.	.	.
$56100_1 = \chi_{28,0}$	.	.	.	.	.	.	.	.	.	.
$56100_2 = \chi_{28,1}$	.	1	.	.	.	.	.	.	.	.

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(Block 1:)	$\varphi_{33,1}$	$\varphi_{34,1}$	$\varphi_{47,1}$	$\varphi_{48,1}$
$1_1 = \chi_{1,0}$	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.
$17_1 = \chi_{2,0}$	.	.	.	.
$17_2 = \chi_{2,1}$	.	.	.	.
$136_1 = \chi_{4,0}$	.	.	.	.
$136_2 = \chi_{4,1}$	.	.	.	.
$663_1 = \chi_{5,0}$	.	.	.	.
$663_2 = \chi_{5,1}$	.	.	.	.
$680_1 = \chi_{6,0}$	.	.	.	.
$680_2 = \chi_{6,1}$	.	.	.	.
$1344_1 = \chi_{7,0}$	.	.	.	.
$1344_2 = \chi_{7,1}$	.	.	.	.
$2244_1 = \chi_{8,0}$	.	.	.	.
$2244_2 = \chi_{8,1}$	.	.	.	.
$2380_1 = \chi_{9,0}$	.	.	.	.
$2380_2 = \chi_{9,1}$	.	.	.	.
$4641_1 = \chi_{10,0}$	.	.	.	.
$4641_2 = \chi_{10,1}$	.	.	.	.
$4862_1 = \chi_{11,0}$	.	.	.	.
$4862_2 = \chi_{11,1}$	.	.	.	.
$6188_1 = \chi_{13,0}$	.	.	.	.
$6188_2 = \chi_{13,1}$	.	.	.	.
$9996_1 = \chi_{16,0}$	.	.	.	.
$9996_2 = \chi_{16,1}$	.	.	.	.
$12376_1 = \chi_{18,0}$	.	.	.	.
$12376_2 = \chi_{18,1}$	.	.	.	.
$13260_1 = \chi_{19,0}$	.	.	.	.
$13260_2 = \chi_{19,1}$	.	.	.	.
$19448_1 = \chi_{20,0}$	.	.	.	.
$19448_2 = \chi_{20,1}$	.	.	.	.
$22848_1 = \chi_{21,0}$	.	.	.	.
$22848_2 = \chi_{21,1}$	.	.	.	.
$24310_1 = \chi_{23,0}$	.	.	.	.
$24310_2 = \chi_{23,1}$	.	.	.	.
$29172_1 = \chi_{24,0}$	.	.	.	.
$29172_2 = \chi_{24,1}$	.	.	.	.
$53040_1 = \chi_{27,0}$	.	.	.	.
$53040_2 = \chi_{27,1}$	.	.	.	.
$56100_1 = \chi_{28,0}$	.	.	.	.
$56100_2 = \chi_{28,1}$	.	.	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{9,0}$	$\varphi_{12,0}$	$\varphi_{13,0}$	$\varphi_{16,0}$	$\varphi_{17,0}$
$58344_1 = \chi_{29,0}$	.	.	.	.	.	.	.	.	.	.	.
$58344_2 = \chi_{29,1}$	1	1	.	2	.	1	1	.	.	1	.
$60060_1 = \chi_{30,0}$	.	.	.	.	.	.	.	.	.	.	.
$60060_2 = \chi_{30,1}$	.	.	.	.	.	.	1	.	1	.	.
$70720_1 = \chi_{31,0}$	1	1	.	.	.	.	.	.	.	.	.
$70720_2 = \chi_{31,1}$	1	1	1	.	.	.	.	.	.	.	.
$87516_1 = \chi_{32,0}$	.	.	1	.	.	.	.	.	1	.	.
$87516_2 = \chi_{32,1}$	.	.	.	.	.	.	.	.	.	.	.
$102102_1 = \chi_{37,0}$	.	.	.	.	.	.	.	.	.	.	.
$102102_2 = \chi_{37,1}$	1	1	1	1	1	.	.	.	.	1	1
$111384_1 = \chi_{39,0}$	.	.	.	.	.	.	.	.	.	.	.
$111384_2 = \chi_{39,1}$	.	.	.	.	2	.	.	1	.	.	1
$116025_1 = \chi_{41,0}$	.	.	.	.	.	.	.	.	.	.	.
$116025_2 = \chi_{41,1}$	1	.	.	.	1	.	1	.	.	.	.
$136136_1 = \chi_{42,0}$	.	1	1	.	.	.	.	.	.	.	.
$136136_2 = \chi_{42,1}$	1	.	1	.	.	.	.	.	.	.	.
$182784_1 = \chi_{45,0}$	.	.	.	.	.	.	.	.	.	.	.
$182784_2 = \chi_{45,1}$	1	1	1	2	3	1	1	1	1	1	1
$183040_1 = \chi_{34+}$	.	.	.	.	.	.	.	.	.	.	.
$219912_1 = \chi_{46,0}$	.	.	.	.	.	.	.	.	.	.	.
$219912_2 = \chi_{46,1}$	.	1	1	1	1	1	1	1	1	1	1
$228480_1 = \chi_{47,0}$	.	.	.	.	.	.	.	.	.	.	.
$228480_2 = \chi_{47,1}$	.	.	1	.	2	1	2	1	1	.	1
$251328_1 = \chi_{49,0}$	.	.	.	.	.	.	.	.	.	.	.
$251328_2 = \chi_{49,1}$	1	2	.	2	.	1	.	.	.	1	.
$255255_1 = \chi_{50,0}$	.	.	.	.	.	.	.	.	.	.	.
$255255_2 = \chi_{50,1}$	.	.	.	.	.	.	.	.	.	.	.
$259896_1 = \chi_{51,0}$	.	.	.	.	.	.	.	.	.	.	.
$259896_2 = \chi_{51,1}$	.	.	1	.	.	1	2	.	1	.	.
$331500_1 = \chi_{55,0}$	.	.	.	.	.	.	.	.	.	.	.
$331500_2 = \chi_{55,1}$	1	1	2	1	1	1	1	.	.	1	1
$339456_1 = \chi_{56,0}$	.	.	.	.	.	.	.	.	.	.	.
$339456_2 = \chi_{56,1}$	1	.	.	.	1	.	1	.	.	.	1
$340340_1 = \chi_{57,0}$	.	1	.	.	.	.	.	.	.	.	.
$340340_2 = \chi_{57,1}$	1	.	1	.	1	.	.	.	.	.	1
$364650_1 = \chi_{61,0}$	1	1	.	.	1	.	1	.	.	.	.
$364650_2 = \chi_{61,1}$	.	1	.	.	.	.	.	.	.	1	.
$408408_1 = \chi_{62,0}$	.	.	.	.	1	.	.	.	.	.	.
$408408_2 = \chi_{62,1}$	.	.	.	.	1	.	.	.	.	1	1
$466752_1 = \chi_{65,0}$	.	1	1	.	1	.	1	.	1	.	.

(Block 1:)	$\varphi_{19,0}$	$\varphi_{20,0}$	$\varphi_{21,0}$	$\varphi_{23,0}$	$\varphi_{25,0}$	$\varphi_{27,0}$	$\varphi_{28,0}$	$\varphi_{31,0}$	$\varphi_{33,0}$	$\varphi_{34,0}$
$58344_1 = \chi_{29,0}$	.	.	.	.	.	.	.	.	.	.
$58344_2 = \chi_{29,1}$	.	.	1	.	.	.	.	.	.	.
$60060_1 = \chi_{30,0}$	.	.	.	.	.	.	.	.	.	.
$60060_2 = \chi_{30,1}$	.	1	1	.	.	.	.	.	.	.
$70720_1 = \chi_{31,0}$	.	.	.	.	.	.	.	.	.	.
$70720_2 = \chi_{31,1}$	.	.	.	1	.	.	.	.	1	.
$87516_1 = \chi_{32,0}$	.	.	.	.	.	.	.	.	.	.
$87516_2 = \chi_{32,1}$	.	.	.	.	.	.	.	.	.	1
$102102_1 = \chi_{37,0}$	.	.	.	.	.	.	.	.	.	.
$102102_2 = \chi_{37,1}$	.	.	.	1	.	.	.	.	1	.
$111384_1 = \chi_{39,0}$	.	.	.	.	.	.	.	.	.	.
$111384_2 = \chi_{39,1}$	1	.	.	.	.	.	.	.	.	.
$116025_1 = \chi_{41,0}$	.	.	.	.	.	.	.	.	.	.
$116025_2 = \chi_{41,1}$	1	.	1	.	.	.	.	.	.	.
$136136_1 = \chi_{42,0}$	.	.	.	.	.	.	.	.	.	.
$136136_2 = \chi_{42,1}$	.	.	.	.	.	.	.	.	1	1
$182784_1 = \chi_{45,0}$	.	.	.	.	.	.	.	.	.	.
$182784_2 = \chi_{45,1}$	1	1	1	.	.	.	.	.	.	.
$183040_1 = \chi_{34+}$	.	.	.	.	.	1	.	.	.	.
$219912_1 = \chi_{46,0}$	.	.	.	.	.	.	.	.	.	.
$219912_2 = \chi_{46,1}$	.	.	.	1	1	.	.	.	.	.
$228480_1 = \chi_{47,0}$	.	.	.	.	.	.	.	.	.	.
$228480_2 = \chi_{47,1}$	.	1	.	.	1	1	.	.	.	.
$251328_1 = \chi_{49,0}$	.	.	.	.	.	.	.	.	.	.
$251328_2 = \chi_{49,1}$	.	.	1	1	.	.	.	1	.	.
$255255_1 = \chi_{50,0}$	.	.	.	.	.	.	.	.	.	.
$255255_2 = \chi_{50,1}$	.	1	1	.	.	1	.	1	.	.
$259896_1 = \chi_{51,0}$	.	.	.	.	.	.	.	.	.	.
$259896_2 = \chi_{51,1}$	.	.	.	.	1	1	.	.	.	1
$331500_1 = \chi_{55,0}$	.	.	.	.	.	.	.	.	.	.
$331500_2 = \chi_{55,1}$	.	.	.	1	1	.	.	.	1	1
$339456_1 = \chi_{56,0}$	.	.	.	.	.	.	.	.	.	.
$339456_2 = \chi_{56,1}$	1	.	1	.	.	.	1	.	.	.
$340340_1 = \chi_{57,0}$	.	.	.	.	.	.	.	.	.	.
$340340_2 = \chi_{57,1}$	.	.	.	.	.	.	.	.	1	.
$364650_1 = \chi_{61,0}$	.	.	.	.	.	1	.	.	.	.
$364650_2 = \chi_{61,1}$	.	.	.	1	.	.	.	.	.	.
$408408_1 = \chi_{62,0}$	.	1	.	.	.	1	.	.	.	.
$408408_2 = \chi_{62,1}$	.	1	.	.	.	1	.	.	.	.
$466752_1 = \chi_{65,0}$	.	1	.	.	.	1	.	.	.	.

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(Block 1:)	$\varphi_{21,1}$	$\varphi_{19,1}$	$\varphi_{16,1}$	$\varphi_{17,1}$	$\varphi_{31,1}$	$\varphi_{23,1}$	$\varphi_{28,1}$	$\varphi_{25,1}$	$\varphi_{49,1}$	$\varphi_{63,1}$
$58344_1 = \chi_{29,0}$	1	.	1	.	.	.	.	.	.	.
$58344_2 = \chi_{29,1}$	.	.	.	.	.	.	.	.	.	.
$60060_1 = \chi_{30,0}$	1	.	.	.	.	.	.	.	.	.
$60060_2 = \chi_{30,1}$	.	.	.	.	.	.	.	.	.	.
$70720_1 = \chi_{31,0}$	.	.	.	.	.	1	.	.	.	.
$70720_2 = \chi_{31,1}$	.	.	.	.	.	.	.	.	.	.
$87516_1 = \chi_{32,0}$	.	.	.	.	.	.	.	.	.	.
$87516_2 = \chi_{32,1}$	.	.	.	.	.	.	.	.	.	.
$102102_1 = \chi_{37,0}$	.	.	1	1	.	1	.	.	.	.
$102102_2 = \chi_{37,1}$	.	.	.	.	.	.	.	.	.	.
$111384_1 = \chi_{39,0}$	.	1	.	1	.	.	.	.	.	.
$111384_2 = \chi_{39,1}$	.	.	.	.	.	.	.	.	.	.
$116025_1 = \chi_{41,0}$	1	1	.	.	.	.	.	.	.	.
$116025_2 = \chi_{41,1}$	.	.	.	.	.	.	.	.	.	.
$136136_1 = \chi_{42,0}$	.	.	.	.	.	.	.	.	.	.
$136136_2 = \chi_{42,1}$	.	.	.	.	.	.	.	.	.	.
$182784_1 = \chi_{45,0}$	1	1	1	1	.	.	.	.	.	.
$182784_2 = \chi_{45,1}$	.	.	.	.	.	.	.	.	.	.
$183040_1 = \chi_{34+}$	.	.	.	.	.	.	.	.	.	.
$219912_1 = \chi_{46,0}$	.	.	1	1	.	1	.	1	.	.
$219912_2 = \chi_{46,1}$	.	.	.	.	.	.	.	.	.	.
$228480_1 = \chi_{47,0}$	.	.	.	1	.	.	.	1	.	.
$228480_2 = \chi_{47,1}$	.	.	.	.	.	.	.	.	.	.
$251328_1 = \chi_{49,0}$	1	.	1	.	1	1	.	.	.	.
$251328_2 = \chi_{49,1}$	.	.	.	.	.	.	.	.	.	.
$255255_1 = \chi_{50,0}$	1	.	.	.	1	.	.	.	.	.
$255255_2 = \chi_{50,1}$	.	.	.	.	.	.	.	.	.	.
$259896_1 = \chi_{51,0}$	.	.	.	.	.	.	.	1	.	.
$259896_2 = \chi_{51,1}$	.	.	.	.	.	.	.	.	.	.
$331500_1 = \chi_{55,0}$	.	.	1	1	.	1	.	1	.	.
$331500_2 = \chi_{55,1}$	.	.	.	.	.	.	.	.	.	.
$339456_1 = \chi_{56,0}$	1	1	.	1	.	.	1	.	.	.
$339456_2 = \chi_{56,1}$	.	.	.	.	.	.	.	.	.	.
$340340_1 = \chi_{57,0}$	.	.	.	1	.	.	.	.	.	.
$340340_2 = \chi_{57,1}$	.	.	.	.	.	.	.	.	.	.
$364650_1 = \chi_{61,0}$	.	.	1	.	.	1	.	.	.	.
$364650_2 = \chi_{61,1}$	.	.	.	.	.	.	.	.	.	.
$408408_1 = \chi_{62,0}$	.	.	1	1	.	.	.	.	.	.
$408408_2 = \chi_{62,1}$	.	.	.	.	.	.	.	.	.	.
$466752_1 = \chi_{65,0}$	.	.	1	.	.	.	.	.	.	.

(Block 1:)	$\varphi_{33,1}$	$\varphi_{34,1}$	$\varphi_{47,1}$	$\varphi_{48,1}$
$58344_1 = \chi_{29,0}$	.	.	.	.
$58344_2 = \chi_{29,1}$	.	.	.	.
$60060_1 = \chi_{30,0}$	.	.	.	.
$60060_2 = \chi_{30,1}$	.	.	.	.
$70720_1 = \chi_{31,0}$	1	.	.	.
$70720_2 = \chi_{31,1}$	.	.	.	.
$87516_1 = \chi_{32,0}$	.	1	.	.
$87516_2 = \chi_{32,1}$	.	.	.	.
$102102_1 = \chi_{37,0}$	1	.	.	.
$102102_2 = \chi_{37,1}$	.	.	.	.
$111384_1 = \chi_{39,0}$	.	.	.	.
$111384_2 = \chi_{39,1}$	.	.	.	.
$116025_1 = \chi_{41,0}$	.	.	.	.
$116025_2 = \chi_{41,1}$	.	.	.	.
$136136_1 = \chi_{42,0}$	1	1	.	.
$136136_2 = \chi_{42,1}$	.	.	.	.
$182784_1 = \chi_{45,0}$	.	.	.	.
$182784_2 = \chi_{45,1}$	.	.	.	.
$183040_1 = \chi_{34+}$	.	.	.	.
$219912_1 = \chi_{46,0}$	.	.	.	.
$219912_2 = \chi_{46,1}$	.	.	.	.
$228480_1 = \chi_{47,0}$	.	.	.	.
$228480_2 = \chi_{47,1}$	.	.	.	.
$251328_1 = \chi_{49,0}$	.	.	.	.
$251328_2 = \chi_{49,1}$	.	.	.	.
$255255_1 = \chi_{50,0}$	.	.	.	.
$255255_2 = \chi_{50,1}$	.	.	.	.
$259896_1 = \chi_{51,0}$	.	1	.	.
$259896_2 = \chi_{51,1}$	.	.	.	.
$331500_1 = \chi_{55,0}$	1	1	.	.
$331500_2 = \chi_{55,1}$	.	.	.	.
$339456_1 = \chi_{56,0}$	.	.	.	.
$339456_2 = \chi_{56,1}$	.	.	.	.
$340340_1 = \chi_{57,0}$	1	.	1	.
$340340_2 = \chi_{57,1}$	.	.	.	.
$364650_1 = \chi_{61,0}$	.	.	.	1
$364650_2 = \chi_{61,1}$	.	.	.	.
$408408_1 = \chi_{62,0}$	.	.	.	1
$408408_2 = \chi_{62,1}$	.	.	.	.
$466752_1 = \chi_{65,0}$	.	1	.	1

[illegible]

[illegible]

(Block 1:)	φ_{38+}	$\varphi_{41,0}$	$\varphi_{45,0}$	$\varphi_{1,1}$	$\varphi_{2,1}$	$\varphi_{47,0}$	$\varphi_{48,0}$	$\varphi_{49,0}$	$\varphi_{27,1}$	$\varphi_{51,0}$
$466752_2 = \chi_{65,1}$	1	.	.	.	1	.	1	.	1	.
$510510_1 = \chi_{67,0}$	.	.	.	1	1	.	.	.	.	.
$510510_2 = \chi_{67,1}$	.	.	.	1	1	.	1	.	.	.
$556920_1 = \chi_{68,0}$	.	.	.	.	.	.	.	.	.	.
$556920_2 = \chi_{68,1}$	.	.	.	1	1	.	.	1	.	1
$583440_1 = \chi_{69,0}$	.	.	.	1	1	.	.	.	1	.
$583440_2 = \chi_{69,1}$	.	.	.	.	.	.	.	.	.	.
$595595_1 = \chi_{71,0}$	.	.	.	.	.	.	.	.	1	.
$595595_2 = \chi_{71,1}$	.	.	.	.	.	.	.	.	.	.
$612612_1 = \chi_{72,0}$	.	.	.	.	.	.	.	.	.	.
$612612_2 = \chi_{72,1}$	.	.	.	1	1	1	.	1	.	.
$612612_3 = \chi_{73,0}$	.	.	.	2	2	.	.	.	1	.
$612612_4 = \chi_{73,1}$	.	.	.	.	.	.	.	.	.	.
$612612_5 = \chi_{74,0}$	.	.	.	.	2	.	.	.	1	.
$612612_6 = \chi_{74,1}$	.	.	1	.	.	.	.	.	.	.
$649740_1 = \chi_{75,0}$	1	.	.	.	1	.	.	.	1	.
$649740_2 = \chi_{75,1}$	1	.	.	.	.	.	1	.	1	.
$659736_1 = \chi_{77,0}$	.	.	.	1	1	.	.	.	.	1
$659736_2 = \chi_{77,1}$	.	.	.	.	.	.	.	.	.	.
$678912_1 = \chi_{78,0}$	.	.	.	1	1	.	.	.	1	.
$678912_2 = \chi_{78,1}$	.	.	.	.	1	.	1	.	.	.
$714714_1 = \chi_{79,0}$	.	.	.	2	.	.	.	.	.	.
$714714_2 = \chi_{79,1}$	.	1	.	.	.	.	.	.	.	.
$779688_1 = \chi_{80,0}$	.	.	.	1	.	.	.	.	.	.
$779688_2 = \chi_{80,1}$	.	.	.	.	.	1	.	.	.	.
$837760_1 = \chi_{83,0}$	.	.	.	1	.	.	.	.	.	.
$837760_2 = \chi_{83,1}$	.	.	.	.	.	1	.	1	.	.
$875160_1 = \chi_{85,0}$	.	.	.	1	.	.	.	.	.	.
$875160_2 = \chi_{85,1}$	.	.	.	.	2	1	.	.	.	.
$875160_3 = \chi_{86,0}$	.	.	.	1	2	.	.	.	.	.
$875160_4 = \chi_{86,1}$	.	.	1	1	.	.	.	.	.	.
$952952_1 = \chi_{89,0}$	.	.	.	.	1	.	.	.	.	.
$952952_2 = \chi_{89,1}$	.	.	.	1	1	.	1	1	1	1
$1018368_1 = \chi_{90,0}$	.	.	.	.	.	.	.	.	1	.
$1018368_2 = \chi_{90,1}$	.	.	1	.	.	.	.	.	.	.
$1021020_1 = \chi_{91,0}$	1	.	.	.	.	.	.	.	1	.
$1021020_2 = \chi_{91,1}$	1	.	.	1	1	.	1	1	1	.
$1021020_3 = \chi_{92,0}$	1	1	.	.	2	.	.	.	.	.
$1021020_4 = \chi_{92,1}$	1	.	1	2	.	.	.	.	.	.
$1089088_1 = \chi_{93,0}$	.	.	.	1	.	.	.	.	.	.

[illegible]

(Block 1:)	$\varphi_{58,1}$	$\varphi_{51,1}$	$\varphi_{9,1}$	$\varphi_{7,1}$	$\varphi_{13,1}$	$\varphi_{12,1}$	φ_{71+}	$\varphi_{45,1}$	$\varphi_{41,1}$	$\varphi_{66,1}$
$466752_2 = \chi_{65,1}$	.	.	1	.	1	.	.	.	.	.
$510510_1 = \chi_{67,0}$	.	.	.	.	.	.	.	.	.	.
$510510_2 = \chi_{67,1}$	.	.	.	.	.	.	.	.	.	.
$556920_1 = \chi_{68,0}$	.	1	.	.	.	.	.	.	.	.
$556920_2 = \chi_{68,1}$	.	.	.	1	.	.	.	.	.	.
$583440_1 = \chi_{69,0}$	.	.	3	2	1	1	.	.	.	.
$583440_2 = \chi_{69,1}$	.	.	.	.	.	.	.	.	.	.
$595595_1 = \chi_{71,0}$	.	.	.	.	.	.	.	.	.	.
$595595_2 = \chi_{71,1}$	.	.	.	.	.	.	.	.	.	.
$612612_1 = \chi_{72,0}$	.	.	.	.	.	.	.	.	.	.
$612612_2 = \chi_{72,1}$	.	.	.	.	.	.	.	.	.	.
$612612_3 = \chi_{73,0}$	.	.	2	1	.	.	.	.	.	.
$612612_4 = \chi_{73,1}$	.	.	.	.	.	.	.	.	.	.
$612612_5 = \chi_{74,0}$	.	.	.	1	.	.	.	1	.	.
$612612_6 = \chi_{74,1}$	.	.	.	.	.	.	.	.	.	.
$649740_1 = \chi_{75,0}$	.	.	1	.	1	.	.	.	.	.
$649740_2 = \chi_{75,1}$	.	.	.	.	.	.	.	.	.	.
$659736_1 = \chi_{77,0}$	1	.	.	1	.	.	.	.	.	.
$659736_2 = \chi_{77,1}$	.	1	.	.	.	.	.	.	.	.
$678912_1 = \chi_{78,0}$	.	.	1	.	.	.	.	.	.	.
$678912_2 = \chi_{78,1}$	.	.	.	.	.	.	.	.	.	.
$714714_1 = \chi_{79,0}$	.	.	1	.	1	.	.	.	1	.
$714714_2 = \chi_{79,1}$	.	.	.	.	.	.	.	.	.	.
$779688_1 = \chi_{80,0}$	.	.	.	.	.	.	.	.	.	.
$779688_2 = \chi_{80,1}$	.	.	.	.	.	.	.	.	.	.
$837760_1 = \chi_{83,0}$	.	.	1	.	.	.	.	.	.	.
$837760_2 = \chi_{83,1}$	.	.	.	.	.	.	.	.	.	.
$875160_1 = \chi_{85,0}$	.	.	.	.	.	.	.	.	.	.
$875160_2 = \chi_{85,1}$	.	.	.	.	.	.	.	.	.	.
$875160_3 = \chi_{86,0}$	1	.	.	1	.	.	.	1	.	.
$875160_4 = \chi_{86,1}$	.	.	.	.	.	.	.	.	.	.
$952952_1 = \chi_{89,0}$	.	1	.	.	.	.	.	.	.	.
$952952_2 = \chi_{89,1}$	.	.	1	1	.	.	.	.	.	.
$1018368_1 = \chi_{90,0}$	1	.	.	.	.	.	.	1	.	.
$1018368_2 = \chi_{90,1}$	.	.	.	.	.	.	.	.	.	.
$1021020_1 = \chi_{91,0}$	.	.	.	.	.	.	.	.	.	.
$1021020_2 = \chi_{91,1}$	.	.	1	.	1	.	.	.	.	.
$1021020_3 = \chi_{92,0}$	.	.	.	.	1	.	.	1	.	.
$1021020_4 = \chi_{92,1}$	.	.	.	.	1	.	.	.	1	.
$1089088_1 = \chi_{93,0}$	.	1	.	.	1	.	.	.	1	.

[illegible]

(Block 1:)	$\varphi_{33,1}$	$\varphi_{34,1}$	$\varphi_{47,1}$	$\varphi_{48,1}$
$466752_2 = \chi_{65,1}$	.	.	.	.
$510510_1 = \chi_{67,0}$	1	1	.	1
$510510_2 = \chi_{67,1}$	.	.	.	.
$556920_1 = \chi_{68,0}$	.	.	.	.
$556920_2 = \chi_{68,1}$	.	.	.	.
$583440_1 = \chi_{69,0}$	.	.	.	.
$583440_2 = \chi_{69,1}$	.	.	.	.
$595595_1 = \chi_{71,0}$	.	.	.	.
$595595_2 = \chi_{71,1}$	.	.	.	.
$612612_1 = \chi_{72,0}$	.	.	1	.
$612612_2 = \chi_{72,1}$	.	.	.	.
$612612_3 = \chi_{73,0}$	.	.	.	.
$612612_4 = \chi_{73,1}$	.	.	.	.
$612612_5 = \chi_{74,0}$	.	.	.	.
$612612_6 = \chi_{74,1}$	.	.	.	.
$649740_1 = \chi_{75,0}$	.	1	.	1
$649740_2 = \chi_{75,1}$	.	.	.	.
$659736_1 = \chi_{77,0}$	.	.	.	.
$659736_2 = \chi_{77,1}$	.	.	.	.
$678912_1 = \chi_{78,0}$	1	1	.	1
$678912_2 = \chi_{78,1}$	.	.	.	.
$714714_1 = \chi_{79,0}$	.	.	.	.
$714714_2 = \chi_{79,1}$	.	.	.	.
$779688_1 = \chi_{80,0}$	.	.	1	.
$779688_2 = \chi_{80,1}$	.	.	.	.
$837760_1 = \chi_{83,0}$	.	.	1	.
$837760_2 = \chi_{83,1}$	.	.	.	.
$875160_1 = \chi_{85,0}$	.	.	1	.
$875160_2 = \chi_{85,1}$	.	.	.	.
$875160_3 = \chi_{86,0}$	.	.	.	.
$875160_4 = \chi_{86,1}$	.	.	.	.
$952952_1 = \chi_{89,0}$	.	.	.	1
$952952_2 = \chi_{89,1}$	.	.	.	.
$1018368_1 = \chi_{90,0}$	.	.	.	.
$1018368_2 = \chi_{90,1}$	.	.	.	.
$1021020_1 = \chi_{91,0}$	.	1	.	1
$1021020_2 = \chi_{91,1}$	.	.	.	.
$1021020_3 = \chi_{92,0}$	.	.	.	.
$1021020_4 = \chi_{92,1}$	1	1	.	.
$1089088_1 = \chi_{93,0}$	.	.	.	.

[illegible]

[illegible]

(Block 1:)	φ_{38+}	$\varphi_{41,0}$	$\varphi_{45,0}$	$\varphi_{1,1}$	$\varphi_{2,1}$	$\varphi_{47,0}$	$\varphi_{48,0}$	$\varphi_{49,0}$	$\varphi_{27,1}$	$\varphi_{51,0}$
$1089088_2 = \chi_{93,1}$	.	1	.	.	.	.	.	.	.	1
$1099560_1 = \chi_{94,0}$	1	.	.	3	1	.	.	.	1	.
$1099560_2 = \chi_{94,1}$	1	1	.	.	.	.	.	.	.	.
$1131520_1 = \chi_{95,0}$	.	.	.	1	1	.	.	.	.	.
$1131520_2 = \chi_{95,1}$	.	.	.	1	2	1	1	1	.	.
$1215500_1 = \chi_{98,0}$	.	.	.	1	.	.	.	.	.	.
$1215500_2 = \chi_{98,1}$	.	1	.	.	.	.	.	1	.	1
$1225224_1 = \chi_{99,0}$	.	.	.	1	.	.	.	.	.	.
$1225224_2 = \chi_{99,1}$	.	.	.	.	.	.	.	.	.	1
$1357824_1 = \chi_{106,0}$	1	.	.	2	2	.	.	.	2	.
$1357824_2 = \chi_{106,1}$	1	1	1	.	.	.	.	.	.	.
$1429428_1 = \chi_{107,0}$	1	.	.	1	1	.	.	.	2	.
$1429428_2 = \chi_{107,1}$	1	.	.	.	.	.	1	1	1	.
$1429428_3 = \chi_{108,0}$	.	.	.	.	.	.	.	.	.	.
$1429428_4 = \chi_{108,1}$	.	.	.	2	1	.	.	1	1	1
$1458600_1 = \chi_{110,0}$	.	.	.	3	4	.	.	.	1	.
$1458600_2 = \chi_{110,1}$	.	1	1	.	.	.	.	.	.	.
$1531530_1 = \chi_{112,0}$	.	.	.	2	2	.	.	.	1	.
$1531530_2 = \chi_{112,1}$	.	.	.	1	1	1	1	1	.	.
$1649340_1 = \chi_{115,0}$	.	.	.	2	2	.	.	.	.	.
$1649340_2 = \chi_{115,1}$	.	1	1	1	1	.	.	.	.	1
$1823250_1 = \chi_{117,0}$	.	.	.	1	1	.	.	.	1	.
$1823250_2 = \chi_{117,1}$	.	.	.	2	1	.	1	1	1	1
$1867008_1 = \chi_{87+}$	.	1	1	2	2	.	.	.	.	.
$1989000_1 = \chi_{118,0}$	1	.	.	2	2	.	.	.	1	.
$1989000_2 = \chi_{118,1}$	1	1	.	1	1	.	1	1	1	1
$2042040_1 = \chi_{119,0}$	.	.	.	.	.	.	.	.	1	.
$2042040_2 = \chi_{119,1}$	.	.	.	1	2	1	1	1	2	1
$2144142_1 = \chi_{120,0}$	1	.	.	1	.	.	.	.	1	.
$2144142_2 = \chi_{120,1}$	1	1	1	.	.	.	.	.	1	1
$2333760_1 = \chi_{122,0}$	.	.	.	1	.	.	.	.	.	.
$2333760_2 = \chi_{122,1}$	.	.	.	2	2	1	.	1	1	1
$2333760_3 = \chi_{123,0}$	1	.	.	2	2	.	.	.	1	.
$2333760_4 = \chi_{123,1}$	1	1	1	1	.	.	.	1	1	1
$2382380_1 = \chi_{125,0}$	1	.	.	.	.	.	.	.	1	1
$2382380_2 = \chi_{125,1}$	1	.	.	.	.	.	.	.	.	.
$2489344_1 = \chi_{101+}$	.	.	.	1	.	.	.	.	1	1
$2598960_1 = \chi_{126,0}$	.	.	.	2	1	.	.	.	1	.
$2598960_2 = \chi_{126,1}$	.	.	.	1	1	1	1	1	1	1
$2784600_1 = \chi_{130,0}$	.	.	.	1	1	.	.	.	.	1

(Block 1:)	φ_{53+}	$\varphi_{55,0}$	$\varphi_{58,0}$	$\varphi_{4,1}$	$\varphi_{6,1}$	$\varphi_{5,1}$	$\varphi_{63,0}$	$\varphi_{20,1}$	$\varphi_{66,0}$	$\varphi_{55,1}$
$1089088_2 = \chi_{93,1}$	.	1	.	.	.	.	.	.	.	.
$1099560_1 = \chi_{94,0}$	.	.	.	2	2	2	.	1	.	.
$1099560_2 = \chi_{94,1}$	.	.	.	.	.	.	.	.	.	.
$1131520_1 = \chi_{95,0}$	.	.	.	1	1	1	.	.	.	.
$1131520_2 = \chi_{95,1}$	.	.	.	1	1	1	.	.	.	.
$1215500_1 = \chi_{98,0}$	.	.	.	.	.	.	.	.	.	.
$1215500_2 = \chi_{98,1}$	.	.	.	.	.	.	.	.	.	.
$1225224_1 = \chi_{99,0}$	1	.	1	.	.	.	.	.	.	1
$1225224_2 = \chi_{99,1}$	1	1	.	.	.	.	.	.	.	.
$1357824_1 = \chi_{106,0}$	.	.	.	.	.	.	.	1	.	.
$1357824_2 = \chi_{106,1}$	.	.	.	.	.	.	.	.	.	.
$1429428_1 = \chi_{107,0}$	1	.	.	1	1	1	.	1	.	.
$1429428_2 = \chi_{107,1}$	1	.	.	.	.	.	.	.	.	.
$1429428_3 = \chi_{108,0}$	1	.	.	.	.	1	.	.	.	.
$1429428_4 = \chi_{108,1}$	1	.	1	.	.	1	.	.	.	.
$1458600_1 = \chi_{110,0}$	.	.	.	2	2	2	.	1	.	.
$1458600_2 = \chi_{110,1}$	.	.	.	.	.	.	.	.	.	.
$1531530_1 = \chi_{112,0}$	.	.	.	2	2	1	.	.	.	.
$1531530_2 = \chi_{112,1}$	.	.	.	.	.	.	.	.	.	.
$1649340_1 = \chi_{115,0}$	.	.	.	2	2	2	.	1	.	.
$1649340_2 = \chi_{115,1}$	.	.	1	.	.	.	.	.	.	.
$1823250_1 = \chi_{117,0}$	1	.	1	.	1	.	.	.	.	.
$1823250_2 = \chi_{117,1}$	1	.	.	.	1	2	.	1	.	.
$1867008_1 = \chi_{87+}$	.	.	.	1	.	.	.	.	.	.
$1989000_1 = \chi_{118,0}$	.	.	.	2	2	1	.	1	.	.
$1989000_2 = \chi_{118,1}$	.	.	.	.	.	.	.	.	.	.
$2042040_1 = \chi_{119,0}$	1	.	.	.	1	.	.	1	.	1
$2042040_2 = \chi_{119,1}$	1	1	.	.	1	1	.	1	.	.
$2144142_1 = \chi_{120,0}$	1	.	.	.	.	.	.	2	.	1
$2144142_2 = \chi_{120,1}$	1	1	1	.	.	.	.	.	.	.
$2333760_1 = \chi_{122,0}$	1	.	.	.	1	1	.	1	.	1
$2333760_2 = \chi_{122,1}$	1	1	1	.	.	1	.	.	.	.
$2333760_3 = \chi_{123,0}$	1	.	.	.	.	2	.	1	.	.
$2333760_4 = \chi_{123,1}$	1	.	1	.	.	.	.	.	.	.
$2382380_1 = \chi_{125,0}$	.	.	.	1	.	.	.	.	.	.
$2382380_2 = \chi_{125,1}$	.	.	.	1	1	.	.	1	1	.
$2489344_1 = \chi_{101+}$	2	1	1	.	.	.	.	1	.	1
$2598960_1 = \chi_{126,0}$	1	.	1	.	2	1	.	1	.	1
$2598960_2 = \chi_{126,1}$	1	1	.	.	1	1	.	1	.	.
$2784600_1 = \chi_{130,0}$	.	.	.	1	2	2	.	1	1	.

(Block 1:)	$\varphi_{58,1}$	$\varphi_{51,1}$	$\varphi_{9,1}$	$\varphi_{7,1}$	$\varphi_{13,1}$	$\varphi_{12,1}$	φ_{71+}	$\varphi_{45,1}$	$\varphi_{41,1}$	$\varphi_{66,1}$
$1089088_2 = \chi_{93,1}$	.	.	.	.	.	.	.	.	.	.
$1099560_1 = \chi_{94,0}$	.	.	3	2	2	1	.	.	1	.
$1099560_2 = \chi_{94,1}$	.	.	.	.	.	.	.	.	.	.
$1131520_1 = \chi_{95,0}$	.	.	.	.	.	.	.	.	.	.
$1131520_2 = \chi_{95,1}$	.	.	.	.	.	.	.	.	.	.
$1215500_1 = \chi_{98,0}$	.	1	1	.	1	.	.	.	1	.
$1215500_2 = \chi_{98,1}$	.	.	.	.	.	.	.	.	.	.
$1225224_1 = \chi_{99,0}$	.	1	.	.	.	.	.	.	.	.
$1225224_2 = \chi_{99,1}$	1	.	.	.	.	.	.	.	.	.
$1357824_1 = \chi_{106,0}$	.	.	2	1	2	.	.	1	1	.
$1357824_2 = \chi_{106,1}$	.	.	.	.	.	.	.	.	.	.
$1429428_1 = \chi_{107,0}$	.	.	3	1	1	.	.	.	.	.
$1429428_2 = \chi_{107,1}$	.	.	.	.	.	.	.	.	.	.
$1429428_3 = \chi_{108,0}$	1	1	.	.	.	.	.	.	.	.
$1429428_4 = \chi_{108,1}$	.	.	2	1	.	.	.	.	.	.
$1458600_1 = \chi_{110,0}$	.	.	2	2	2	1	.	1	1	.
$1458600_2 = \chi_{110,1}$	.	.	.	.	.	.	.	.	.	.
$1531530_1 = \chi_{112,0}$	.	.	2	1	.	.	.	.	.	.
$1531530_2 = \chi_{112,1}$	.	.	.	.	.	.	.	.	.	.
$1649340_1 = \chi_{115,0}$	1	1	.	1	2	1	.	1	1	.
$1649340_2 = \chi_{115,1}$	.	.	.	.	.	.	.	.	.	.
$1823250_1 = \chi_{117,0}$	.	1	1	.	.	.	.	.	.	.
$1823250_2 = \chi_{117,1}$	1	.	1	1	.	.	.	.	.	.
$1867008_1 = \chi_{87+}$	.	.	.	.	1	.	.	1	1	.
$1989000_1 = \chi_{118,0}$	.	1	2	1	2	1	.	.	1	.
$1989000_2 = \chi_{118,1}$	.	.	.	.	.	.	.	.	.	.
$2042040_1 = \chi_{119,0}$	.	1	.	.	.	.	.	.	.	.
$2042040_2 = \chi_{119,1}$	.	.	1	1	.	.	.	.	.	.
$2144142_1 = \chi_{120,0}$	1	1	.	.	2	.	.	1	1	.
$2144142_2 = \chi_{120,1}$	.	.	.	.	.	.	.	.	.	.
$2333760_1 = \chi_{122,0}$	1	1	.	.	.	.	.	.	.	.
$2333760_2 = \chi_{122,1}$	.	.	1	1	.	.	.	.	.	.
$2333760_3 = \chi_{123,0}$	1	1	2	1	2	.	.	1	1	.
$2333760_4 = \chi_{123,1}$	.	.	.	.	.	.	.	.	.	.
$2382380_1 = \chi_{125,0}$	.	.	1	1	.	.	.	.	.	1
$2382380_2 = \chi_{125,1}$	.	1	.	.	1	1	.	.	.	.
$2489344_1 = \chi_{101+}$	1	1	.	.	.	.	.	.	.	.
$2598960_1 = \chi_{126,0}$	.	1	1	.	.	.	.	.	.	.
$2598960_2 = \chi_{126,1}$	1	.	.	.	.	.	.	.	.	.
$2784600_1 = \chi_{130,0}$	1	1	.	1	.	1	.	.	.	.

(Block 1:)	$\varphi_{21,1}$	$\varphi_{19,1}$	$\varphi_{16,1}$	$\varphi_{17,1}$	$\varphi_{31,1}$	$\varphi_{23,1}$	$\varphi_{28,1}$	$\varphi_{25,1}$	$\varphi_{49,1}$	$\varphi_{63,1}$
$1089088_2 = \chi_{93,1}$	.	.	.	.	.	.	.	.	.	.
$1099560_1 = \chi_{94,0}$	1	.	1	1	.	1	1	1	.	.
$1099560_2 = \chi_{94,1}$	.	.	.	.	.	.	.	.	.	.
$1131520_1 = \chi_{95,0}$	.	.	2	1	.	1	.	.	1	.
$1131520_2 = \chi_{95,1}$	.	.	.	.	.	.	.	.	.	.
$1215500_1 = \chi_{98,0}$	.	.	.	.	.	.	1	.	1	.
$1215500_2 = \chi_{98,1}$	.	.	.	.	.	.	.	.	.	.
$1225224_1 = \chi_{99,0}$	.	.	.	.	.	.	.	.	.	.
$1225224_2 = \chi_{99,1}$	.	.	.	.	.	.	.	.	.	.
$1357824_1 = \chi_{106,0}$	1	.	.	.	1	1	1	.	.	.
$1357824_2 = \chi_{106,1}$	.	.	.	.	.	.	.	.	.	.
$1429428_1 = \chi_{107,0}$	1	.	2	1	.	1	1	1	1	.
$1429428_2 = \chi_{107,1}$	.	.	.	.	.	.	.	.	.	.
$1429428_3 = \chi_{108,0}$	.	.	1	.	.	.	.	.	1	.
$1429428_4 = \chi_{108,1}$	1	.	.	.	.	.	1	.	.	.
$1458600_1 = \chi_{110,0}$	1	.	1	1	1	2	1	.	.	.
$1458600_2 = \chi_{110,1}$	.	.	.	.	.	.	.	.	.	.
$1531530_1 = \chi_{112,0}$	.	.	2	2	.	2	1	1	1	.
$1531530_2 = \chi_{112,1}$	.	.	.	.	.	.	.	.	.	.
$1649340_1 = \chi_{115,0}$	.	.	1	1	.	1	.	.	.	.
$1649340_2 = \chi_{115,1}$	.	.	.	.	.	.	.	.	.	.
$1823250_1 = \chi_{117,0}$	.	.	1	1	.	1	1	.	1	.
$1823250_2 = \chi_{117,1}$	1	.	1	.	.	.	.	.	.	.
$1867008_1 = \chi_{87+}$	.	.	.	.	.	1	.	.	.	.
$1989000_1 = \chi_{118,0}$	.	.	2	2	.	2	1	1	1	.
$1989000_2 = \chi_{118,1}$	.	.	.	.	.	.	.	.	.	.
$2042040_1 = \chi_{119,0}$	.	.	1	1	.	.	.	.	1	.
$2042040_2 = \chi_{119,1}$	1	.	.	.	1	.	.	.	.	.
$2144142_1 = \chi_{120,0}$	.	.	.	.	.	.	.	.	.	.
$2144142_2 = \chi_{120,1}$	.	.	.	.	.	.	.	.	.	.
$2333760_1 = \chi_{122,0}$	.	.	1	1	.	.	.	.	1	.
$2333760_2 = \chi_{122,1}$	1	.	.	.	1	1	1	.	.	.
$2333760_3 = \chi_{123,0}$	1	.	1	.	.	1	1	.	1	.
$2333760_4 = \chi_{123,1}$	.	.	.	.	.	.	.	.	.	.
$2382380_1 = \chi_{125,0}$	.	.	.	.	.	.	.	1	.	.
$2382380_2 = \chi_{125,1}$	.	.	.	1	.	.	.	.	.	.
$2489344_1 = \chi_{101+}$	.	.	.	.	.	.	.	.	.	.
$2598960_1 = \chi_{126,0}$	1	1	2	2	.	1	1	.	1	.
$2598960_2 = \chi_{126,1}$	.	.	.	.	.	.	.	.	.	.
$2784600_1 = \chi_{130,0}$	.	.	1	1	.	.	.	.	.	.

(Block 1:)	$\varphi_{33,1}$	$\varphi_{34,1}$	$\varphi_{47,1}$	$\varphi_{48,1}$
$1089088_2 = \chi_{93,1}$	.	.	.	.
$1099560_1 = \chi_{94,0}$	1	1	.	.
$1099560_2 = \chi_{94,1}$	.	.	.	.
$1131520_1 = \chi_{95,0}$	1	1	1	1
$1131520_2 = \chi_{95,1}$	.	.	.	.
$1215500_1 = \chi_{98,0}$	.	.	.	.
$1215500_2 = \chi_{98,1}$	.	.	.	.
$1225224_1 = \chi_{99,0}$	.	.	.	.
$1225224_2 = \chi_{99,1}$	.	.	.	.
$1357824_1 = \chi_{106,0}$	.	.	.	.
$1357824_2 = \chi_{106,1}$	.	.	.	.
$1429428_1 = \chi_{107,0}$	.	1	.	1
$1429428_2 = \chi_{107,1}$	.	.	.	.
$1429428_3 = \chi_{108,0}$	.	.	.	.
$1429428_4 = \chi_{108,1}$	.	.	.	.
$1458600_1 = \chi_{110,0}$	1	.	.	.
$1458600_2 = \chi_{110,1}$	.	.	.	.
$1531530_1 = \chi_{112,0}$	1	1	1	1
$1531530_2 = \chi_{112,1}$	.	.	.	.
$1649340_1 = \chi_{115,0}$	1	.	.	.
$1649340_2 = \chi_{115,1}$	.	.	.	.
$1823250_1 = \chi_{117,0}$	.	.	.	1
$1823250_2 = \chi_{117,1}$	.	.	.	.
$1867008_1 = \chi_{87+}$	1	.	.	.
$1989000_1 = \chi_{118,0}$	1	1	.	1
$1989000_2 = \chi_{118,1}$	.	.	.	.
$2042040_1 = \chi_{119,0}$	.	.	1	1
$2042040_2 = \chi_{119,1}$	.	.	.	.
$2144142_1 = \chi_{120,0}$	.	.	.	.
$2144142_2 = \chi_{120,1}$	.	.	.	.
$2333760_1 = \chi_{122,0}$	.	.	1	.
$2333760_2 = \chi_{122,1}$	.	.	.	.
$2333760_3 = \chi_{123,0}$	.	.	.	.
$2333760_4 = \chi_{123,1}$	.	.	.	.
$2382380_1 = \chi_{125,0}$	.	1	.	.
$2382380_2 = \chi_{125,1}$	.	.	.	.
$2489344_1 = \chi_{101+}$	.	.	.	.
$2598960_1 = \chi_{126,0}$	.	.	1	1
$2598960_2 = \chi_{126,1}$	.	.	.	.
$2784600_1 = \chi_{130,0}$	.	.	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{9,0}$	$\varphi_{12,0}$	$\varphi_{13,0}$	$\varphi_{16,0}$	$\varphi_{17,0}$
2784600 ₂ = $\chi_{130,1}$	1	1	1	2	2	1	.	1	.	1	1
2858856 ₁ = $\chi_{131,0}$	1	2	1	1	1	1	1	.	1	.	.
2858856 ₂ = $\chi_{131,1}$	3	1	1	1	1	.	1	.	1	2	1
2858856 ₃ = $\chi_{132,0}$	1	1	.	1	.	.	.	.	.	.	.
2858856 ₄ = $\chi_{132,1}$	3	1	.	2	2	1	2	.	.	1	1
2970240 ₁ = $\chi_{134,0}$	.	1	.	.	.	.	.	.	.	.	.
2970240 ₂ = $\chi_{134,1}$	3	1	2	1	4	1	3	1	2	2	3
3198720 ₁ = $\chi_{138,0}$	1	1	.	.	.	.	.	.	.	.	.
3198720 ₂ = $\chi_{138,1}$	4	2	2	2	4	1	2	1	2	1	2
3267264 ₁ = $\chi_{140,0}$	3	1	.	1	2	.	1	.	.	.	.
3267264 ₂ = $\chi_{140,1}$	.	1	.	.	.	.	.	.	.	1	.
3403400 ₁ = $\chi_{142,0}$	2	1	.	1	1	.	.	.	.	.	.
3403400 ₂ = $\chi_{142,1}$	1	1	.	1	1	1	1	.	.	2	1
3646500 ₁ = $\chi_{146,0}$	2	.	.	.	1	.	.	.	.	.	.
3646500 ₂ = $\chi_{146,1}$	1	2	.	1	1	1	1	.	.	2	1
3734016 ₁ = $\chi_{148,0}$	2	4	1	2	1	1	1	.	1	1	.
3734016 ₂ = $\chi_{148,1}$	3	1	1	.	1	.	1	.	1	1	1
3978000 ₁ = $\chi_{153,0}$	1	1	1	.	.	.	.	.	.	.	.
3978000 ₂ = $\chi_{153,1}$	2	2	2	2	2	2	2	1	2	1	1
4288284 ₁ = $\chi_{156,0}$	2	1	1	1	1	1	.	1	.	.	.
4288284 ₂ = $\chi_{156,1}$	.	.	.	.	.	.	.	.	.	.	.
4455360 ₁ = $\chi_{157,0}$	2	.	1	.	3	.	.	1	.	.	1
4455360 ₂ = $\chi_{157,1}$	.	.	.	.	.	1	.	.	.	.	.
4862000 ₁ = $\chi_{163,0}$	1	.	.	.	.	.	.	.	.	.	.
4862000 ₂ = $\chi_{163,1}$	2	1	.	.	.	.	.	.	1	.	.
4950400 ₁ = $\chi_{164,0}$	2	1	1	1	2	1	1	1	1	.	.
4950400 ₂ = $\chi_{164,1}$	.	1	1	1	1	1	1	.	.	2	1
5105100 ₁ = $\chi_{167,0}$	4	4	1	2	1	1	1	.	1	1	1
5105100 ₂ = $\chi_{167,1}$	4	2	1	1	1	1	1	.	1	1	1
5105100 ₃ = $\chi_{168,0}$	1	1	.	1	.	1	.	.	.	.	.
5105100 ₄ = $\chi_{168,1}$	3	1	1	2	2	1	2	1	2	1	1
5361664 ₁ = $\chi_{171,0}$	2	.	.	.	.	.	.	.	.	.	.
5361664 ₂ = $\chi_{171,1}$	1	1	.	.	.	1	1	.	1	.	.
5469750 ₁ = $\chi_{172,0}$	2	.	1	.	1	.	.	1	2	.	.
5469750 ₂ = $\chi_{172,1}$	.	2	.	.	.	1	.	.	.	.	.
6126120 ₁ = $\chi_{174,0}$	2	1	1	.	1	.	.	.	.	.	.
6126120 ₂ = $\chi_{174,1}$	2	2	2	1	2	2	2	1	2	2	2
6534528 ₁ = $\chi_{178,0}$	3	1	1	2	3	1	1	1	1	1	1
6534528 ₂ = $\chi_{178,1}$	1	1	1	.	1	1	2	.	.	1	1
6534528 ₃ = $\chi_{179,0}$	4	2	2	2	1	2	3	.	2	1	1

(Block 1:)	$\varphi_{19,0}$	$\varphi_{20,0}$	$\varphi_{21,0}$	$\varphi_{23,0}$	$\varphi_{25,0}$	$\varphi_{27,0}$	$\varphi_{28,0}$	$\varphi_{31,0}$	$\varphi_{33,0}$	$\varphi_{34,0}$
$2784600_2 = \chi_{130,1}$	.	1	.	.	.	.	.	.	.	.
$2858856_1 = \chi_{131,0}$	.	1	.	.	.	2	.	.	.	.
$2858856_2 = \chi_{131,1}$	.	1	1	1	.	1	1	.	1	1
$2858856_3 = \chi_{132,0}$	.	.	.	.	.	.	.	.	.	.
$2858856_4 = \chi_{132,1}$	1	1	1	.	.	1	1	.	.	.
$2970240_1 = \chi_{134,0}$	.	.	.	.	.	1	.	.	.	.
$2970240_2 = \chi_{134,1}$	1	2	1	1	1	2	1	.	1	1
$3198720_1 = \chi_{138,0}$	.	.	.	.	.	.	.	.	.	.
$3198720_2 = \chi_{138,1}$	1	2	1	1	.	1	1	.	1	.
$3267264_1 = \chi_{140,0}$	1	1	1	.	.	1	.	.	.	.
$3267264_2 = \chi_{140,1}$	.	.	.	1	.	1	.	.	.	.
$3403400_1 = \chi_{142,0}$	.	.	.	.	.	.	.	.	.	.
$3403400_2 = \chi_{142,1}$	.	.	.	1	.	1	1	.	.	.
$3646500_1 = \chi_{146,0}$	.	1	.	.	.	1	.	.	.	.
$3646500_2 = \chi_{146,1}$	.	1	1	2	.	2	1	1	.	.
$3734016_1 = \chi_{148,0}$	.	1	1	1	.	2	.	1	.	.
$3734016_2 = \chi_{148,1}$	.	1	.	1	.	1	1	.	1	1
$3978000_1 = \chi_{153,0}$	.	.	.	.	.	.	.	.	.	.
$3978000_2 = \chi_{153,1}$	.	1	.	1	1	1	.	.	1	1
$4288284_1 = \chi_{156,0}$	.	.	.	.	.	.	.	.	.	.
$4288284_2 = \chi_{156,1}$	.	.	.	.	.	.	.	.	.	.
$4455360_1 = \chi_{157,0}$	1	1	.	.	.	.	.	.	.	.
$4455360_2 = \chi_{157,1}$	.	.	.	.	.	.	.	.	.	.
$4862000_1 = \chi_{163,0}$	.	1	.	.	.	1	.	.	.	.
$4862000_2 = \chi_{163,1}$	.	1	.	.	.	1	.	.	.	.
$4950400_1 = \chi_{164,0}$	.	1	.	.	.	1	.	.	.	.
$4950400_2 = \chi_{164,1}$	.	.	.	1	1	1	.	.	.	1
$5105100_1 = \chi_{167,0}$	.	1	1	2	.	1	1	1	1	.
$5105100_2 = \chi_{167,1}$	.	1	.	1	.	1	1	.	1	.
$5105100_3 = \chi_{168,0}$	.	.	.	.	.	1	.	.	.	.
$5105100_4 = \chi_{168,1}$	.	2	1	.	.	1	1	.	.	.
$5361664_1 = \chi_{171,0}$	.	.	.	.	.	.	.	.	.	.
$5361664_2 = \chi_{171,1}$	.	.	.	1	.	1	1	.	.	.
$5469750_1 = \chi_{172,0}$	.	2	.	.	.	.	.	.	.	.
$5469750_2 = \chi_{172,1}$	.	.	.	1	.	2	.	1	.	.
$6126120_1 = \chi_{174,0}$	.	1	.	.	.	1	.	.	.	.
$6126120_2 = \chi_{174,1}$	.	1	.	2	1	2	1	.	1	1
$6534528_1 = \chi_{178,0}$	1	2	1	.	.	1	.	.	.	.
$6534528_2 = \chi_{178,1}$	.	.	.	1	1	2	1	.	.	1
$6534528_3 = \chi_{179,0}$	.	1	1	1	1	2	1	.	1	1

(Block 1:)	φ_{38+}	$\varphi_{41,0}$	$\varphi_{45,0}$	$\varphi_{1,1}$	$\varphi_{2,1}$	$\varphi_{47,0}$	$\varphi_{48,0}$	$\varphi_{49,0}$	$\varphi_{27,1}$	$\varphi_{51,0}$
$2784600_2 = \chi_{130,1}$	.	.	.	.	.	.	.	.	.	1
$2858856_1 = \chi_{131,0}$	1	.	1	3	1	.	.	.	1	.
$2858856_2 = \chi_{131,1}$	1	1	.	1	2	.	1	1	2	1
$2858856_3 = \chi_{132,0}$	.	.	.	3	1	.	.	.	1	1
$2858856_4 = \chi_{132,1}$	.	.	.	1	1	1	.	1	.	1
$2970240_1 = \chi_{134,0}$	1	.	.	3	1	.	.	.	2	.
$2970240_2 = \chi_{134,1}$	1	1	.	.	1	1	1	1	1	1
$3198720_1 = \chi_{138,0}$	.	.	.	4	2	.	.	.	1	.
$3198720_2 = \chi_{138,1}$	.	1	1	1	1	1	.	1	.	1
$3267264_1 = \chi_{140,0}$	.	.	.	.	1	.	.	.	1	.
$3267264_2 = \chi_{140,1}$	.	.	.	3	1	.	1	1	1	.
$3403400_1 = \chi_{142,0}$	.	.	.	1	1	.	.	.	1	.
$3403400_2 = \chi_{142,1}$	.	.	.	2	1	1	1	2	.	.
$3646500_1 = \chi_{146,0}$	.	.	.	1	2	.	.	.	2	.
$3646500_2 = \chi_{146,1}$	.	.	.	2	.	.	1	1	1	.
$3734016_1 = \chi_{148,0}$	1	.	1	3	1	.	.	.	1	.
$3734016_2 = \chi_{148,1}$	1	1	.	2	4	1	1	1	2	1
$3978000_1 = \chi_{153,0}$	1	.	.	2	2	.	.	.	1	1
$3978000_2 = \chi_{153,1}$	1	1	1	1	1	.	.	.	.	1
$4288284_1 = \chi_{156,0}$	.	.	.	.	.	.	.	.	.	.
$4288284_2 = \chi_{156,1}$	.	.	.	2	1	.	.	1	.	1
$4455360_1 = \chi_{157,0}$	.	.	.	.	.	.	.	.	.	1
$4455360_2 = \chi_{157,1}$	.	.	.	2	.	.	.	.	.	.
$4862000_1 = \chi_{163,0}$	1	.	.	2	1	.	.	.	1	1
$4862000_2 = \chi_{163,1}$	1	1	1	1	.	.	.	.	1	2
$4950400_1 = \chi_{164,0}$	1	.	.	.	1	.	.	.	1	.
$4950400_2 = \chi_{164,1}$	1	.	.	2	1	.	1	1	1	1
$5105100_1 = \chi_{167,0}$	.	1	1	4	2	.	.	.	1	1
$5105100_2 = \chi_{167,1}$	.	1	1	4	4	1	.	1	1	1
$5105100_3 = \chi_{168,0}$	1	.	1	3	1	.	.	.	1	1
$5105100_4 = \chi_{168,1}$	1	1	.	1	1	.	.	1	1	2
$5361664_1 = \chi_{171,0}$	1	.	.	1	1	.	.	.	1	.
$5361664_2 = \chi_{171,1}$	1	1	1	2	.	.	.	1	.	1
$5469750_1 = \chi_{172,0}$	1	1	.	.	2	.	.	.	2	1
$5469750_2 = \chi_{172,1}$	1	.	1	2	.	.	.	.	.	.
$6126120_1 = \chi_{174,0}$	1	.	.	2	2	.	.	.	2	.
$6126120_2 = \chi_{174,1}$	1	1	1	2	1	.	1	1	1	1
$6534528_1 = \chi_{178,0}$	1	.	.	1	1	.	.	.	2	1
$6534528_2 = \chi_{178,1}$	1	.	.	3	1	.	1	1	1	1
$6534528_3 = \chi_{179,0}$	2	1	1	2	2	.	.	.	1	1

(Block 1:)	φ_{53+}	$\varphi_{55,0}$	$\varphi_{58,0}$	$\varphi_{4,1}$	$\varphi_{6,1}$	$\varphi_{5,1}$	$\varphi_{63,0}$	$\varphi_{20,1}$	$\varphi_{66,0}$	$\varphi_{55,1}$
$2784600_2 = \chi_{130,1}$	.	.	1	.	.	.	.	.	.	.
$2858856_1 = \chi_{131,0}$	1	.	1	1	1	1	.	1	.	.
$2858856_2 = \chi_{131,1}$	1	.	.	1	1	1	.	1	.	.
$2858856_3 = \chi_{132,0}$	1	.	1	.	2	2	.	1	.	1
$2858856_4 = \chi_{132,1}$	1	1	1	.	.	1	.	.	.	.
$2970240_1 = \chi_{134,0}$	1	.	.	2	4	1	.	2	.	1
$2970240_2 = \chi_{134,1}$	1	1	.	.	.	.	.	.	.	.
$3198720_1 = \chi_{138,0}$	1	.	.	2	4	2	.	2	.	1
$3198720_2 = \chi_{138,1}$	1	1	1	.	.	.	.	.	.	.
$3267264_1 = \chi_{140,0}$	1	1	.	.	.	.	.	.	.	.
$3267264_2 = \chi_{140,1}$	1	.	.	.	2	1	1	1	.	1
$3403400_1 = \chi_{142,0}$	.	.	.	.	1	1	.	.	.	.
$3403400_2 = \chi_{142,1}$	.	.	.	.	1	1	1	.	.	.
$3646500_1 = \chi_{146,0}$	1	1	.	.	1	1	.	1	.	.
$3646500_2 = \chi_{146,1}$	1	.	.	.	1	.	1	1	.	1
$3734016_1 = \chi_{148,0}$	1	.	1	1	1	.	.	1	.	1
$3734016_2 = \chi_{148,1}$	1	1	.	1	1	2	.	1	.	.
$3978000_1 = \chi_{153,0}$	.	.	.	2	2	2	.	1	.	.
$3978000_2 = \chi_{153,1}$	.	.	1	1	.	.	.	.	1	.
$4288284_1 = \chi_{156,0}$	.	.	.	.	.	.	.	.	.	.
$4288284_2 = \chi_{156,1}$	.	.	.	1	1	1	1	.	1	.
$4455360_1 = \chi_{157,0}$	.	1	.	.	.	.	.	.	.	.
$4455360_2 = \chi_{157,1}$	.	.	.	1	3	.	1	1	1	1
$4862000_1 = \chi_{163,0}$	1	.	1	.	.	.	.	1	.	1
$4862000_2 = \chi_{163,1}$	1	1	1	.	.	.	.	1	1	.
$4950400_1 = \chi_{164,0}$	.	.	.	1	1	1	.	.	.	.
$4950400_2 = \chi_{164,1}$	.	.	.	1	2	1	1	1	1	.
$5105100_1 = \chi_{167,0}$	1	.	1	1	1	1	.	1	.	1
$5105100_2 = \chi_{167,1}$	1	1	1	1	1	2	.	1	.	.
$5105100_3 = \chi_{168,0}$	1	.	1	1	2	2	.	2	1	.
$5105100_4 = \chi_{168,1}$	1	.	1	.	.	1	.	.	.	.
$5361664_1 = \chi_{171,0}$	.	.	.	.	.	.	.	.	.	.
$5361664_2 = \chi_{171,1}$	.	.	.	.	.	.	1	.	1	.
$5469750_1 = \chi_{172,0}$	.	1	.	.	.	.	.	.	.	.
$5469750_2 = \chi_{172,1}$	.	.	.	1	1	.	1	2	1	1
$6126120_1 = \chi_{174,0}$	.	.	.	2	2	1	.	1	.	.
$6126120_2 = \chi_{174,1}$	.	.	.	1	1	.	1	1	1	.
$6534528_1 = \chi_{178,0}$	1	1	1	1	1	.	.	.	.	.
$6534528_2 = \chi_{178,1}$	1	.	.	1	3	2	1	2	1	1
$6534528_3 = \chi_{179,0}$	1	.	1	1	1	1	.	1	1	.

(Block 1:)	$\varphi_{58,1}$	$\varphi_{51,1}$	$\varphi_{9,1}$	$\varphi_{7,1}$	$\varphi_{13,1}$	$\varphi_{12,1}$	φ_{71+}	$\varphi_{45,1}$	$\varphi_{41,1}$	$\varphi_{66,1}$
$2784600_2 = \chi_{130,1}$	.	1	.	.	.	.	.	.	.	1
$2858856_1 = \chi_{131,0}$	.	1	1	.	1	.	.	.	1	.
$2858856_2 = \chi_{131,1}$	1	.	1	1	1	.	.	1	.	.
$2858856_3 = \chi_{132,0}$	1	1	2	1	.	.	.	.	.	.
$2858856_4 = \chi_{132,1}$	1	1	.	.	.	.	.	.	.	.
$2970240_1 = \chi_{134,0}$	.	1	3	1	2	1	.	.	1	.
$2970240_2 = \chi_{134,1}$	.	.	.	.	.	.	.	.	.	.
$3198720_1 = \chi_{138,0}$	1	1	2	1	2	1	.	1	1	.
$3198720_2 = \chi_{138,1}$	.	.	.	.	.	.	.	.	.	.
$3267264_1 = \chi_{140,0}$	.	.	.	.	.	.	.	.	.	.
$3267264_2 = \chi_{140,1}$	.	.	1	.	.	.	.	.	.	.
$3403400_1 = \chi_{142,0}$	.	.	1	1	.	.	.	.	.	.
$3403400_2 = \chi_{142,1}$	.	.	.	.	.	.	.	.	.	.
$3646500_1 = \chi_{146,0}$	.	.	1	1	.	.	.	.	.	.
$3646500_2 = \chi_{146,1}$	.	.	.	.	.	.	.	.	.	.
$3734016_1 = \chi_{148,0}$	.	1	1	.	1	.	.	.	1	.
$3734016_2 = \chi_{148,1}$	1	.	1	1	1	.	.	1	.	.
$3978000_1 = \chi_{153,0}$	1	1	2	2	2	1	.	1	1	1
$3978000_2 = \chi_{153,1}$	.	1	.	.	.	.	.	.	.	.
$4288284_1 = \chi_{156,0}$	.	1	.	.	.	.	.	.	.	1
$4288284_2 = \chi_{156,1}$	.	.	.	1	.	1	.	.	.	.
$4455360_1 = \chi_{157,0}$	.	.	.	1	.	.	.	.	.	1
$4455360_2 = \chi_{157,1}$	.	1	.	.	.	1	.	.	.	.
$4862000_1 = \chi_{163,0}$	1	2	.	.	1	.	.	1	1	1
$4862000_2 = \chi_{163,1}$	1	1	.	.	.	.	.	.	.	.
$4950400_1 = \chi_{164,0}$	.	1	1	1	.	.	.	.	.	1
$4950400_2 = \chi_{164,1}$	.	.	1	1	1	1	.	.	.	.
$5105100_1 = \chi_{167,0}$	1	1	1	1	1	.	.	1	1	.
$5105100_2 = \chi_{167,1}$	1	1	1	1	1	.	.	1	1	.
$5105100_3 = \chi_{168,0}$	1	2	2	1	2	1	.	.	1	.
$5105100_4 = \chi_{168,1}$	1	1	.	1	.	.	.	1	.	1
$5361664_1 = \chi_{171,0}$	.	1	1	1	1	.	.	1	1	1
$5361664_2 = \chi_{171,1}$	.	.	.	.	.	.	.	.	.	.
$5469750_1 = \chi_{172,0}$	.	.	.	1	.	.	.	1	.	1
$5469750_2 = \chi_{172,1}$	.	1	.	.	2	1	.	.	1	.
$6126120_1 = \chi_{174,0}$	.	1	2	2	2	1	.	1	1	1
$6126120_2 = \chi_{174,1}$	.	.	.	.	.	.	.	.	.	.
$6534528_1 = \chi_{178,0}$	.	1	2	1	.	.	.	.	.	1
$6534528_2 = \chi_{178,1}$	1	1	1	1	1	1	.	.	.	.
$6534528_3 = \chi_{179,0}$	1	2	1	1	2	1	.	1	1	.

(Block 1:)	$\varphi_{21,1}$	$\varphi_{19,1}$	$\varphi_{16,1}$	$\varphi_{17,1}$	$\varphi_{31,1}$	$\varphi_{23,1}$	$\varphi_{28,1}$	$\varphi_{25,1}$	$\varphi_{49,1}$	$\varphi_{63,1}$
$2784600_2 = \chi_{130,1}$	.	.	.	.	.	.	.	.	.	.
$2858856_1 = \chi_{131,0}$	1	.	2	1	.	1	1	.	1	.
$2858856_2 = \chi_{131,1}$	.	.	.	.	.	.	.	.	.	.
$2858856_3 = \chi_{132,0}$	1	1	1	1	.	.	1	.	1	.
$2858856_4 = \chi_{132,1}$	.	.	.	.	.	.	.	.	.	.
$2970240_1 = \chi_{134,0}$	1	1	2	3	.	1	1	1	1	.
$2970240_2 = \chi_{134,1}$	.	.	.	.	.	.	.	.	.	.
$3198720_1 = \chi_{138,0}$	1	1	1	2	.	1	1	.	1	.
$3198720_2 = \chi_{138,1}$	.	.	.	.	.	.	.	.	.	.
$3267264_1 = \chi_{140,0}$	.	.	1	.	.	1	.	.	1	1
$3267264_2 = \chi_{140,1}$	1	1	.	.	.	.	.	.	.	.
$3403400_1 = \chi_{142,0}$	.	.	2	1	.	1	1	.	2	1
$3403400_2 = \chi_{142,1}$	.	.	.	.	.	.	.	.	.	.
$3646500_1 = \chi_{146,0}$	1	.	2	1	1	2	1	.	1	1
$3646500_2 = \chi_{146,1}$	.	.	.	.	.	.	.	.	.	.
$3734016_1 = \chi_{148,0}$	.	.	1	1	.	1	1	.	1	.
$3734016_2 = \chi_{148,1}$	1	.	1	.	1	1	.	.	.	.
$3978000_1 = \chi_{153,0}$	.	.	1	1	.	1	.	1	.	.
$3978000_2 = \chi_{153,1}$	.	.	.	.	.	.	.	.	.	.
$4288284_1 = \chi_{156,0}$	.	.	.	.	.	.	.	.	1	1
$4288284_2 = \chi_{156,1}$	.	.	.	.	.	.	.	.	.	.
$4455360_1 = \chi_{157,0}$	.	.	.	.	.	.	.	.	.	1
$4455360_2 = \chi_{157,1}$	.	1	.	1	.	.	.	.	.	.
$4862000_1 = \chi_{163,0}$	.	.	.	.	.	.	.	.	.	.
$4862000_2 = \chi_{163,1}$	.	.	.	.	.	.	.	.	.	.
$4950400_1 = \chi_{164,0}$	.	.	2	1	.	1	.	1	1	1
$4950400_2 = \chi_{164,1}$	.	.	.	.	.	.	.	.	.	.
$5105100_1 = \chi_{167,0}$	.	.	1	1	.	1	1	.	1	.
$5105100_2 = \chi_{167,1}$	1	.	1	1	1	2	1	.	.	.
$5105100_3 = \chi_{168,0}$	1	.	1	1	.	.	1	.	1	.
$5105100_4 = \chi_{168,1}$	.	.	.	.	.	.	.	.	.	.
$5361664_1 = \chi_{171,0}$	.	.	.	.	.	1	1	.	1	1
$5361664_2 = \chi_{171,1}$	.	.	.	.	.	.	.	.	.	.
$5469750_1 = \chi_{172,0}$	.	.	.	.	1	1	.	.	.	1
$5469750_2 = \chi_{172,1}$	.	.	.	.	.	.	.	.	.	.
$6126120_1 = \chi_{174,0}$	.	.	2	2	.	2	1	1	1	1
$6126120_2 = \chi_{174,1}$	.	.	.	.	.	.	.	.	.	.
$6534528_1 = \chi_{178,0}$	.	.	1	1	.	1	1	1	1	1
$6534528_2 = \chi_{178,1}$	1	1	1	1	.	.	.	.	.	.
$6534528_3 = \chi_{179,0}$	.	.	1	1	.	1	1	.	1	.

(Block 1:)	$\varphi_{33,1}$	$\varphi_{34,1}$	$\varphi_{47,1}$	$\varphi_{48,1}$
$2784600_2 = \chi_{130,1}$	.	.	.	.
$2858856_1 = \chi_{131,0}$	1	1	.	1
$2858856_2 = \chi_{131,1}$	.	.	.	.
$2858856_3 = \chi_{132,0}$	.	.	1	.
$2858856_4 = \chi_{132,1}$	.	.	.	.
$2970240_1 = \chi_{134,0}$	1	1	1	1
$2970240_2 = \chi_{134,1}$	.	.	.	.
$3198720_1 = \chi_{138,0}$	1	.	1	.
$3198720_2 = \chi_{138,1}$	.	.	.	.
$3267264_1 = \chi_{140,0}$	.	.	.	1
$3267264_2 = \chi_{140,1}$	.	.	.	.
$3403400_1 = \chi_{142,0}$	.	.	1	1
$3403400_2 = \chi_{142,1}$	.	.	.	.
$3646500_1 = \chi_{146,0}$	.	.	.	1
$3646500_2 = \chi_{146,1}$	.	.	.	.
$3734016_1 = \chi_{148,0}$	1	1	1	1
$3734016_2 = \chi_{148,1}$	.	.	.	.
$3978000_1 = \chi_{153,0}$	1	1	.	.
$3978000_2 = \chi_{153,1}$	.	.	.	.
$4288284_1 = \chi_{156,0}$	.	.	.	.
$4288284_2 = \chi_{156,1}$	.	.	.	.
$4455360_1 = \chi_{157,0}$	.	.	.	.
$4455360_2 = \chi_{157,1}$	.	.	.	.
$4862000_1 = \chi_{163,0}$	.	.	.	.
$4862000_2 = \chi_{163,1}$	.	.	.	.
$4950400_1 = \chi_{164,0}$	.	1	.	1
$4950400_2 = \chi_{164,1}$	.	.	.	.
$5105100_1 = \chi_{167,0}$	1	.	1	.
$5105100_2 = \chi_{167,1}$	1	.	.	.
$5105100_3 = \chi_{168,0}$	.	.	.	.
$5105100_4 = \chi_{168,1}$	.	.	.	.
$5361664_1 = \chi_{171,0}$	.	.	.	.
$5361664_2 = \chi_{171,1}$	.	.	.	.
$5469750_1 = \chi_{172,0}$	.	.	.	.
$5469750_2 = \chi_{172,1}$	.	.	.	.
$6126120_1 = \chi_{174,0}$	1	1	.	1
$6126120_2 = \chi_{174,1}$	.	.	.	.
$6534528_1 = \chi_{178,0}$	.	1	.	1
$6534528_2 = \chi_{178,1}$	.	.	.	.
$6534528_3 = \chi_{179,0}$	.	.	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{9,0}$	$\varphi_{12,0}$	$\varphi_{13,0}$	$\varphi_{16,0}$	$\varphi_{17,0}$
$6534528_4 = \chi_{179,1}$	2	2	1	1	1	1	1	1	2	1	1
$6789120_1 = \chi_{180,0}$	5	1	1	1	3	1	2	1	2	.	1
$6789120_2 = \chi_{180,1}$	.	1	.	1	.	1	.	.	.	1	.
$6872250_1 = \chi_{181,0}$	2	.	.	.	.	.	.	.	.	.	.
$6872250_2 = \chi_{181,1}$	2	2	.	2	.	2	1	.	1	1	.
$7920640_1 = \chi_{150+}$	.	.	1	.	1	1	1	1	1	.	1
$8486400_1 = \chi_{189,0}$	4	2	1	1	2	1	1	1	2	.	.
$8486400_2 = \chi_{189,1}$	3	4	2	1	1	2	3	.	2	2	1
$8576568_1 = \chi_{190,0}$	1	.	.	.	.	.	.	.	.	.	.
$8576568_2 = \chi_{190,1}$	1	2	2	2	2	2	2	1	2	1	1
$9382912_1 = \chi_{160+}$	1	1	1	.	.	.	.	.	1	.	.
$9529520_1 = \chi_{194,0}$	2	.	1	.	1	.	.	1	1	.	.
$9529520_2 = \chi_{194,1}$	.	1	1	.	.	1	1	.	1	.	.
$9801792_1 = \chi_{195,0}$	4	2	1	1	1	.	.	.	.	.	.
$9801792_2 = \chi_{195,1}$	5	4	2	3	4	3	4	1	2	3	3
$10720710_1 = \chi_{196,0}$	6	4	1	3	3	2	2	1	2	1	1
$10720710_2 = \chi_{196,1}$	3	2	2	1	2	1	2	.	2	2	2
$16243500_1 = \chi_{199,0}$	5	2	2	2	4	2	3	2	3	1	2
$16243500_2 = \chi_{199,1}$	2	1	1	1	1	2	2	1	2	1	1
$16336320_1 = \chi_{200,0}$	4	1	1	1	1	1	.	1	2	.	.
$16336320_2 = \chi_{200,1}$	3	4	2	2	2	3	3	1	3	1	1

(Block 1:)	$\varphi_{19,0}$	$\varphi_{20,0}$	$\varphi_{21,0}$	$\varphi_{23,0}$	$\varphi_{25,0}$	$\varphi_{27,0}$	$\varphi_{28,0}$	$\varphi_{31,0}$	$\varphi_{33,0}$	$\varphi_{34,0}$
$6534528_4 = \chi_{179,1}$	.	1	.	1	.	1	1	.	.	.
$6789120_1 = \chi_{180,0}$	1	2	1	.	.	1	1	.	.	.
$6789120_2 = \chi_{180,1}$	.	.	.	1	.	1	.	.	.	.
$6872250_1 = \chi_{181,0}$	.	1	.	.	.	1	.	.	.	.
$6872250_2 = \chi_{181,1}$	.	1	1	1	.	2	1	1	.	.
$7920640_1 = \chi_{150+}$	.	1	.	.	1	1	.	.	.	.
$8486400_1 = \chi_{189,0}$	.	2	.	.	.	2	.	.	.	.
$8486400_2 = \chi_{189,1}$	.	1	1	3	1	3	1	1	1	1
$8576568_1 = \chi_{190,0}$	.	.	.	.	.	.	.	.	.	.
$8576568_2 = \chi_{190,1}$	.	1	.	1	1	1	.	.	.	.
$9382912_1 = \chi_{160+}$	.	1	.	.	.	1	.	.	.	.
$9529520_1 = \chi_{194,0}$	.	1	.	.	.	.	.	.	.	.
$9529520_2 = \chi_{194,1}$	.	.	.	1	1	1	.	.	.	.
$9801792_1 = \chi_{195,0}$	.	1	.	.	.	1	.	.	.	.
$9801792_2 = \chi_{195,1}$	1	2	2	3	1	3	2	1	1	1
$10720710_1 = \chi_{196,0}$	1	3	2	1	.	3	1	1	.	.
$10720710_2 = \chi_{196,1}$	.	2	.	2	1	3	1	.	1	1
$16243500_1 = \chi_{199,0}$	1	3	1	1	1	2	1	.	.	.
$16243500_2 = \chi_{199,1}$	.	1	.	1	1	2	1	.	.	.
$16336320_1 = \chi_{200,0}$	.	2	.	.	.	1	.	.	.	.
$16336320_2 = \chi_{200,1}$	.	2	1	2	1	3	1	1	.	.

(Block 1:)	φ_{38+}	$\varphi_{41,0}$	$\varphi_{45,0}$	$\varphi_{1,1}$	$\varphi_{2,1}$	$\varphi_{47,0}$	$\varphi_{48,0}$	$\varphi_{49,0}$	$\varphi_{27,1}$	$\varphi_{51,0}$
$6534528_4 = \chi_{179,1}$	2	1	1	4	2	.	.	1	2	2
$6789120_1 = \chi_{180,0}$	1	1	.	.	1	.	.	.	1	1
$6789120_2 = \chi_{180,1}$	1	.	1	5	1	.	.	1	1	1
$6872250_1 = \chi_{181,0}$	1	.	.	2	2	.	.	.	2	1
$6872250_2 = \chi_{181,1}$	1	1	1	2	.	.	.	1	1	1
$7920640_1 = \chi_{150+}$	2	.	.	.	.	.	.	.	1	1
$8486400_1 = \chi_{189,0}$	2	1	1	3	4	.	.	.	3	1
$8486400_2 = \chi_{189,1}$	2	1	1	4	2	.	1	1	2	1
$8576568_1 = \chi_{190,0}$	2	.	.	1	2	.	.	.	1	1
$8576568_2 = \chi_{190,1}$	2	.	1	1	.	.	.	.	.	1
$9382912_1 = \chi_{160+}$	2	.	1	1	1	.	.	.	1	1
$9529520_1 = \chi_{194,0}$	2	.	.	.	1	.	.	.	1	.
$9529520_2 = \chi_{194,1}$	2	.	1	2	.	.	.	.	.	.
$9801792_1 = \chi_{195,0}$	1	.	.	5	4	.	.	.	3	1
$9801792_2 = \chi_{195,1}$	1	1	1	4	2	1	1	2	1	2
$10720710_1 = \chi_{196,0}$	2	1	1	3	2	.	.	.	3	1
$10720710_2 = \chi_{196,1}$	2	1	1	6	4	1	1	2	3	2
$16243500_1 = \chi_{199,0}$	3	1	1	2	1	.	.	.	2	2
$16243500_2 = \chi_{199,1}$	3	1	1	5	2	.	.	1	2	2
$16336320_1 = \chi_{200,0}$	3	1	1	3	4	.	.	.	3	2
$16336320_2 = \chi_{200,1}$	3	1	2	4	1	.	.	1	1	2

(Block 1:)	φ_{53+}	$\varphi_{55,0}$	$\varphi_{58,0}$	$\varphi_{4,1}$	$\varphi_{6,1}$	$\varphi_{5,1}$	$\varphi_{63,0}$	$\varphi_{20,1}$	$\varphi_{66,0}$	$\varphi_{55,1}$
$6534528_4 = \chi_{179,1}$	1	.	1	2	1	2	.	1	.	.
$6789120_1 = \chi_{180,0}$	1	1	.	.	.	1	.	.	.	.
$6789120_2 = \chi_{180,1}$	1	.	1	1	3	1	1	2	1	1
$6872250_1 = \chi_{181,0}$	1	1	.	.	.	2	.	1	.	.
$6872250_2 = \chi_{181,1}$	1	.	1	.	.	.	1	1	1	1
$7920640_1 = \chi_{150+}$	.	.	.	1	1	.	.	1	1	.
$8486400_1 = \chi_{189,0}$	1	1	1	2	1	1	.	1	.	.
$8486400_2 = \chi_{189,1}$	1	.	.	1	2	1	1	2	1	1
$8576568_1 = \chi_{190,0}$	.	.	.	2	2	2	.	1	1	.
$8576568_2 = \chi_{190,1}$	.	.	1	.	.	.	.	.	1	.
$9382912_1 = \chi_{160+}$	1	.	1	1	.	.	.	1	1	.
$9529520_1 = \chi_{194,0}$	.	.	.	1	.	.	.	.	.	.
$9529520_2 = \chi_{194,1}$	.	.	.	1	1	.	1	1	2	.
$9801792_1 = \chi_{195,0}$	2	1	1	2	4	3	.	2	.	1
$9801792_2 = \chi_{195,1}$	2	1	1	1	1	1	1	1	1	1
$10720710_1 = \chi_{196,0}$	2	1	1	2	2	1	.	2	.	1
$10720710_2 = \chi_{196,1}$	2	1	1	1	3	3	1	3	1	1
$16243500_1 = \chi_{199,0}$	1	1	1	1	1	1	.	1	1	.
$16243500_2 = \chi_{199,1}$	1	.	1	2	4	2	1	3	2	1
$16336320_1 = \chi_{200,0}$	1	1	1	2	2	2	.	2	1	.
$16336320_2 = \chi_{200,1}$	1	.	1	1	1	1	1	2	2	1

(Block 1:)	$\varphi_{58,1}$	$\varphi_{51,1}$	$\varphi_{9,1}$	$\varphi_{7,1}$	$\varphi_{13,1}$	$\varphi_{12,1}$	φ_{71+}	$\varphi_{45,1}$	$\varphi_{41,1}$	$\varphi_{66,1}$
$6534528_4 = \chi_{179,1}$	1	1	3	2	2	.	.	1	1	1
$6789120_1 = \chi_{180,0}$	1	1	.	1	.	.	.	1	.	1
$6789120_2 = \chi_{180,1}$	.	1	2	1	2	1	.	.	1	.
$6872250_1 = \chi_{181,0}$	1	1	1	2	1	.	.	1	1	1
$6872250_2 = \chi_{181,1}$	.	1	.	.	.	.	.	.	.	.
$7920640_1 = \chi_{150+}$	.	1	1	1	1	1	1	.	.	1
$8486400_1 = \chi_{189,0}$	.	1	3	2	2	.	.	1	1	1
$8486400_2 = \chi_{189,1}$	1	1	1	1	2	1	.	1	1	.
$8576568_1 = \chi_{190,0}$	1	1	2	2	2	1	1	1	.	1
$8576568_2 = \chi_{190,1}$	.	1	.	.	.	.	1	.	.	1
$9382912_1 = \chi_{160+}$	1	1	.	.	1	.	1	1	.	1
$9529520_1 = \chi_{194,0}$	.	.	1	1	1	.	1	1	.	2
$9529520_2 = \chi_{194,1}$	.	.	.	.	1	1	1	.	.	.
$9801792_1 = \chi_{195,0}$	1	2	4	3	2	1	.	1	1	1
$9801792_2 = \chi_{195,1}$	1	1	.	.	.	.	.	.	.	.
$10720710_1 = \chi_{196,0}$	1	2	2	1	2	.	.	1	1	1
$10720710_2 = \chi_{196,1}$	1	1	2	2	2	1	.	1	1	.
$16243500_1 = \chi_{199,0}$	1	2	2	2	2	1	1	1	1	2
$16243500_2 = \chi_{199,1}$	1	2	3	2	3	2	1	1	1	1
$16336320_1 = \chi_{200,0}$	1	2	3	3	3	1	1	2	1	2
$16336320_2 = \chi_{200,1}$	1	2	.	1	2	1	1	1	1	1

[illegible]

(Block 1:)	$\varphi_{33,1}$	$\varphi_{34,1}$	$\varphi_{47,1}$	$\varphi_{48,1}$
$6534528_4 = \chi_{179,1}$	1	1	.	.
$6789120_1 = \chi_{180,0}$	.	.	.	.
$6789120_2 = \chi_{180,1}$	.	.	.	.
$6872250_1 = \chi_{181,0}$	.	.	.	.
$6872250_2 = \chi_{181,1}$	.	.	.	.
$7920640_1 = \chi_{150+}$	.	.	.	.
$8486400_1 = \chi_{189,0}$	1	1	.	1
$8486400_2 = \chi_{189,1}$	.	.	.	.
$8576568_1 = \chi_{190,0}$	.	.	.	.
$8576568_2 = \chi_{190,1}$	.	.	.	.
$9382912_1 = \chi_{160+}$	.	.	.	.
$9529520_1 = \chi_{194,0}$	.	.	.	.
$9529520_2 = \chi_{194,1}$	.	.	.	.
$9801792_1 = \chi_{195,0}$	1	1	1	1
$9801792_2 = \chi_{195,1}$	.	.	.	.
$10720710_1 = \chi_{196,0}$	1	1	1	1
$10720710_2 = \chi_{196,1}$	.	.	.	.
$16243500_1 = \chi_{199,0}$	.	.	.	.
$16243500_2 = \chi_{199,1}$	.	.	.	.
$16336320_1 = \chi_{200,0}$	.	.	.	.
$16336320_2 = \chi_{200,1}$	.	.	.	.

$\varphi_{1,0} = 1_1$
$\varphi_{2,0} = 16_1$
$\varphi_{4,0} = 120_1$
$\varphi_{5,0} = 647_1$
$\varphi_{6,0} = 560_1$
$\varphi_{7,0} = 1597_1$
$\varphi_{9,0} = 1820_1$
$\varphi_{12,0} = 20044_1$
$\varphi_{13,0} = 4368_1$
$\varphi_{16,0} = 7752_1$
$\varphi_{17,0} = 22440_1$
$\varphi_{19,0} = 67780_1$
$\varphi_{20,0} = 8008_1$
$\varphi_{21,0} = 45864_1$
$\varphi_{23,0} = 4845_1$
$\varphi_{25,0} = 155703_1$
$\varphi_{27,0} = 11440_1$
$\varphi_{28,0} = 200991_1$
$\varphi_{31,0} = 189943_1$
$\varphi_{33,0} = 65721_1$
$\varphi_{34,0} = 70158_1$
$\varphi_{38+} = 12870_1$
$\varphi_{41,0} = 453661_1$
$\varphi_{45,0} = 404755_1$
$\varphi_{1,1} = 1_2$
$\varphi_{2,1} = 16_2$
$\varphi_{47,0} = 251482_1$
$\varphi_{48,0} = 338200_1$
$\varphi_{49,0} = 360466_1$
$\varphi_{27,1} = 11440_2$
$\varphi_{51,0} = 194193_1$
$\varphi_{53+} = 147290_1$
$\varphi_{55,0} = 428857_1$
$\varphi_{58,0} = 454883_1$
$\varphi_{4,1} = 120_2$
$\varphi_{6,1} = 560_2$
$\varphi_{5,1} = 647_2$
$\varphi_{63,0} = 1831700_1$
$\varphi_{20,1} = 8008_2$
$\varphi_{66,0} = 1878939_1$

$\varphi_{55,1}$	$=$	428857_2	$\varphi_{16,1}$	$=$	7752_2
$\varphi_{58,1}$	$=$	454883_2	$\varphi_{17,1}$	$=$	22440_2
$\varphi_{51,1}$	$=$	194193_2	$\varphi_{31,1}$	$=$	189943_2
$\varphi_{9,1}$	$=$	1820_2	$\varphi_{23,1}$	$=$	4845_2
$\varphi_{7,1}$	$=$	1597_2	$\varphi_{28,1}$	$=$	200991_2
$\varphi_{13,1}$	$=$	4368_2	$\varphi_{25,1}$	$=$	155703_2
$\varphi_{12,1}$	$=$	20044_2	$\varphi_{49,1}$	$=$	360466_2
φ_{71+}	$=$	3296436_1	$\varphi_{63,1}$	$=$	1831700_2
$\varphi_{45,1}$	$=$	404755_2	$\varphi_{33,1}$	$=$	65721_2
$\varphi_{41,1}$	$=$	453661_2	$\varphi_{34,1}$	$=$	70158_2
$\varphi_{66,1}$	$=$	1878939_2	$\varphi_{47,1}$	$=$	251482_2
$\varphi_{21,1}$	$=$	45864_2	$\varphi_{48,1}$	$=$	338200_2
$\varphi_{19,1}$	$=$	67780_2			

[illegible]

(Block 2:)	$\varphi_{68,0}$	$\varphi_{15,1}$	$\varphi_{11,1}$	$\varphi_{44,1}$	$\varphi_{70,1}$	$\varphi_{65,1}$	$\varphi_{32,1}$	$\varphi_{37,1}$	$\varphi_{36,1}$	$\varphi_{50,1}$
$135_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.
$5508_1 = \chi_{12,0}$	.	.	1	.	.	.	.	.	.	.
$7020_2 = \chi_{15,1}$	.	.	.	.	.	.	.	.	.	.
$11934_1 = \chi_{17,0}$	.	.	.	.	.	.	1	.	.	.
$24192_1 = \chi_{22,0}$	.	1	.	.	.	.	.	.	.	.
$29835_1 = \chi_{25,0}$	.	1	1	.	.	.	.	.	.	.
$35343_2 = \chi_{26,1}$	.	.	.	.	.	.	.	.	.	.
$112320_2 = \chi_{40,1}$	.	.	.	.	.	.	.	.	.	.
$143208_2 = \chi_{43,1}$	.	.	.	.	.	.	.	.	.	.
$162162_1 = \chi_{44,0}$	.	.	.	.	.	.	.	.	.	.
$238680_2 = \chi_{48,1}$	.	.	.	.	.	.	.	.	.	.
$302940_1 = \chi_{53,0}$	.	.	1	1	.	.	1	.	.	.
$353430_2 = \chi_{58,1}$	.	.	.	.	.	.	.	.	.	.
$358020_2 = \chi_{59,1}$	.	.	.	.	.	.	.	.	.	.
$447525_1 = \chi_{63,0}$	.	.	.	1	.	.	.	.	.	.
$459459_2 = \chi_{64,1}$	.	.	.	.	.	.	.	.	.	.
$501228_1 = \chi_{66,0}$	.	.	.	.	.	.	.	.	1	.
$656370_1 = \chi_{76,0}$	.	1	.	.	.	.	.	1	.	.
$787644_3 = \chi_{82,0}$	.	.	.	1	.	.	1	.	.	.
$848232_2 = \chi_{84,1}$	.	.	.	.	.	.	.	.	.	.
$1145664_1 = \chi_{96,0}$	.	2	1	1	.	.	1	1	.	.
$1175040_1 = \chi_{97,0}$	.	1	1	.	.	.	1	1	1	.
$1233792_2 = \chi_{100,1}$	.	.	1	.	.	.	.	.	.	.
$1312740_1 = \chi_{104,0}$	.	.	.	.	.	.	1	.	.	1
$1349460_1 = \chi_{105,0}$	.	2	1	.	.	.	.	1	1	.
$1432080_2 = \chi_{109,1}$	1	.	.	.	.	.	.	.	.	.
$1575288_1 = \chi_{113,0}$	.	.	.	.	.	.	.	.	.	1
$1575288_4 = \chi_{114,1}$	.	.	.	.	.	.	.	.	.	.
$2625480_1 = \chi_{127,0}$	.	1	.	.	.	.	1	1	1	1
$2756754_2 = \chi_{128,1}$	.	1	.	.	.	.	.	.	.	.
$2923830_2 = \chi_{133,1}$	.	.	.	.	.	.	.	.	.	.
$3055104_2 = \chi_{136,1}$	.	.	.	.	.	.	.	.	.	.
$3281850_2 = \chi_{141,1}$	1	.	.	.	.	.	.	.	.	.
$3508596_2 = \chi_{143,1}$	1	.	.	.	.	.	.	.	.	.
$3508596_4 = \chi_{144,1}$	1	2	1	.	.	.	.	1	.	.
$3675672_1 = \chi_{147,0}$	1	1	.	.	.	.	1	1	.	1
$4200768_2 = \chi_{154,1}$	.	1	1	.	.	.	.	.	.	.
$4594590_2 = \chi_{159,1}$	1	1	1	1	.	.	1	1	.	.
$5012280_2 = \chi_{165,1}$	.	.	.	.	.	.	.	.	.	.
$5012280_4 = \chi_{166,1}$	.	.	1	.	1	.	.	.	1	.

(Block 2:)	$\varphi_{10,0}$	$\varphi_{14,0}$	$\varphi_{26,0}$	$\varphi_{29,0}$	$\varphi_{35,0}$	$\varphi_{43,0}$	$\varphi_{3,1}$	$\varphi_{61,0}$	$\varphi_{40,1}$	$\varphi_{64,0}$
$5250960_2 = \chi_{169,1}$	1	.	1	1	1	1	2	1	2	1
$5346432_1 = \chi_{170,0}$	1	1	.	.	.	.	1	.	.	.
$5937624_1 = \chi_{173,0}$	.	.	.	.	.	.	.	.	.	.
$6265350_1 = \chi_{175,0}$	1	1	.	1	.	1	2	.	1	.
$6432426_1 = \chi_{177,0}$	.	.	.	.	.	.	2	.	1	.
$7876440_4 = \chi_{185,1}$	2	1	1	1	.	1	.	.	.	1
$8078400_1 = \chi_{187,0}$	.	.	.	1	.	1	1	.	1	1
$9165312_1 = \chi_{191,0}$	.	.	.	.	.	1	2	.	1	1
$9189180_1 = \chi_{192,0}$	1	1	1	1	.	1	.	.	1	1
$9189180_3 = \chi_{193,0}$	.	1	.	.	.	1	1	.	.	.
$13366080_1 = \chi_{198,0}$	1	1	.	1	.	1	2	.	1	.

(Block 2:)	$\varphi_{68,0}$	$\varphi_{15,1}$	$\varphi_{11,1}$	$\varphi_{44,1}$	$\varphi_{70,1}$	$\varphi_{65,1}$	$\varphi_{32,1}$	$\varphi_{37,1}$	$\varphi_{36,1}$	$\varphi_{50,1}$
$5250960_2 = \chi_{169,1}$	.	1	1	1	.	.	.	.	.	.
$5346432_1 = \chi_{170,0}$	.	.	.	.	.	1	.	.	.	1
$5937624_1 = \chi_{173,0}$	1	.	.	.	1	.	.	.	.	.
$6265350_1 = \chi_{175,0}$	.	.	.	1	.	1	1	.	.	1
$6432426_1 = \chi_{177,0}$	.	1	1	1	.	1	1	1	.	1
$7876440_4 = \chi_{185,1}$	1	.	1	.	1	.	.	.	.	.
$8078400_1 = \chi_{187,0}$	1	.	1	1	1	.	.	.	.	.
$9165312_1 = \chi_{191,0}$	1	2	2	1	1	.	1	1	1	.
$9189180_1 = \chi_{192,0}$	1	1	1	.	1	.	.	1	1	.
$9189180_3 = \chi_{193,0}$	.	.	1	1	1	1	.	.	.	.
$13366080_1 = \chi_{198,0}$	1	1	1	1	1	1	1	1	1	1

$$\begin{array}{ll}
\varphi_{10,0} & = 7020_1 \\
\varphi_{14,0} & = 28323_1 \\
\varphi_{26,0} & = 203337_1 \\
\varphi_{29,0} & = 112320_1 \\
\varphi_{35,0} & = 143073_1 \\
\varphi_{43,0} & = 347139_1 \\
\varphi_{3,1} & = 135_2 \\
\varphi_{61,0} & = 2570265_1 \\
\varphi_{40,1} & = 162162_2 \\
\varphi_{64,0} & = 1228149_1 \\
\varphi_{68,0} & = 1432080_1 \\
\varphi_{15,1} & = 24192_2 \\
\varphi_{11,1} & = 5508_2 \\
\varphi_{44,1} & = 285363_2 \\
\varphi_{70,1} & = 4505544_2 \\
\varphi_{65,1} & = 4017168_2 \\
\varphi_{32,1} & = 11799_2 \\
\varphi_{37,1} & = 632178_2 \\
\varphi_{36,1} & = 501228_2 \\
\varphi_{50,1} & = 1293786_2
\end{array}$$

Block 3:	$\varphi_{3,0}$	$\varphi_{11,0}$	$\varphi_{15,0}$	$\varphi_{32,0}$	$\varphi_{36,0}$	$\varphi_{37,0}$	$\varphi_{40,0}$	$\varphi_{44,0}$	$\varphi_{50,0}$	$\varphi_{65,0}$
$135_2 = \chi_{3,1}$	1	.	.	.	.	.	.	.	.	.
$5508_2 = \chi_{12,1}$	.	1	.	.	.	.	.	.	.	.
$7020_1 = \chi_{15,0}$	.	.	.	.	.	.	.	.	.	.
$11934_2 = \chi_{17,1}$	1	.	.	1	.	.	.	.	.	.
$24192_2 = \chi_{22,1}$	.	.	1	.	.	.	.	.	.	.
$29835_2 = \chi_{25,1}$	1	1	1	.	.	.	.	.	.	.
$35343_1 = \chi_{26,0}$	.	.	.	.	.	.	.	.	.	.
$112320_1 = \chi_{40,0}$	.	.	.	.	.	.	.	.	.	.
$143208_1 = \chi_{43,0}$	1	.	.	.	.	.	.	.	.	.
$162162_2 = \chi_{44,1}$	.	.	.	.	.	.	1	.	.	.
$238680_1 = \chi_{48,0}$	.	.	.	.	.	.	.	.	.	.
$302940_2 = \chi_{53,1}$	2	1	.	1	.	.	.	1	.	.
$353430_1 = \chi_{58,0}$	.	.	.	.	.	.	.	.	.	.
$358020_1 = \chi_{59,0}$	.	.	.	.	.	.	.	.	.	.
$447525_2 = \chi_{63,1}$	.	.	.	.	.	.	1	1	.	.
$459459_1 = \chi_{64,0}$	.	.	.	.	.	.	.	.	.	.
$501228_2 = \chi_{66,1}$	.	.	.	.	1	.	.	.	.	.
$656370_2 = \chi_{76,1}$	.	.	1	.	.	1	.	.	.	.
$787644_4 = \chi_{82,1}$	2	.	.	1	.	.	.	1	.	.
$848232_1 = \chi_{84,0}$	.	.	.	.	.	.	.	.	.	.
$1145664_2 = \chi_{96,1}$	2	1	2	1	.	1	1	1	.	.
$1175040_2 = \chi_{97,1}$	1	1	1	1	1	1	.	.	.	.
$1233792_1 = \chi_{100,0}$	1	1	.	.	.	.	.	.	.	.
$1312740_2 = \chi_{104,1}$	1	.	.	1	.	.	.	.	1	.
$1349460_2 = \chi_{105,1}$	.	1	2	.	1	1	1	.	.	.
$1432080_1 = \chi_{109,0}$	.	.	.	.	.	.	.	.	.	.
$1575288_2 = \chi_{113,1}$	.	.	.	.	.	.	1	.	1	.
$1575288_3 = \chi_{114,0}$	.	.	.	.	.	.	.	.	.	.
$2625480_2 = \chi_{127,1}$	1	.	1	1	1	1	1	.	1	.
$2756754_1 = \chi_{128,0}$	1	.	1	.	.	.	1	.	.	.
$2923830_1 = \chi_{133,0}$	1	.	.	.	.	.	.	.	.	.
$3055104_1 = \chi_{136,0}$	.	.	.	.	.	.	1	.	.	.
$3281850_1 = \chi_{141,0}$	.	.	.	.	.	.	1	.	.	.
$3508596_1 = \chi_{143,0}$	1	.	.	.	.	.	.	.	.	.
$3508596_3 = \chi_{144,0}$	1	1	2	.	.	1	1	.	.	.
$3675672_2 = \chi_{147,1}$	1	.	1	1	.	1	1	.	1	.
$4200768_1 = \chi_{154,0}$	1	1	1	.	.	.	1	.	.	.
$4594590_1 = \chi_{159,0}$	2	1	1	1	.	1	1	1	.	.
$5012280_1 = \chi_{165,0}$	1	.	.	.	.	.	1	.	.	.
$5012280_3 = \chi_{166,0}$	.	1	.	.	1	.	.	.	.	.

(Block 3:)	$\varphi_{10,1}$	$\varphi_{14,1}$	$\varphi_{29,1}$	$\varphi_{43,1}$	$\varphi_{68,1}$	$\varphi_{70,0}$	$\varphi_{64,1}$	$\varphi_{26,1}$	$\varphi_{35,1}$	$\varphi_{61,1}$
$135_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.
$5508_2 = \chi_{12,1}$	.	.	.	.	.	.	.	.	.	.
$7020_1 = \chi_{15,0}$	1	.	.	.	.	.	.	.	.	.
$11934_2 = \chi_{17,1}$	.	.	.	.	.	.	.	.	.	.
$24192_2 = \chi_{22,1}$	.	.	.	.	.	.	.	.	.	.
$29835_2 = \chi_{25,1}$	.	.	.	.	.	.	.	.	.	.
$35343_1 = \chi_{26,0}$	1	1	.	.	.	.	.	.	.	.
$112320_1 = \chi_{40,0}$	.	.	1	.	.	.	.	.	.	.
$143208_1 = \chi_{43,0}$	.	.	.	.	.	.	.	.	1	.
$162162_2 = \chi_{44,1}$	.	.	.	.	.	.	.	.	.	.
$238680_1 = \chi_{48,0}$	1	1	.	.	.	.	.	1	.	.
$302940_2 = \chi_{53,1}$	.	.	.	.	.	.	.	.	.	.
$353430_1 = \chi_{58,0}$	1	.	.	.	.	.	.	1	1	.
$358020_1 = \chi_{59,0}$	2	1	1	.	.	.	.	1	.	.
$447525_2 = \chi_{63,1}$	.	.	.	.	.	.	.	.	.	.
$459459_1 = \chi_{64,0}$	.	.	1	1	.	.	.	.	.	.
$501228_2 = \chi_{66,1}$	.	.	.	.	.	.	.	.	.	.
$656370_2 = \chi_{76,1}$	.	.	.	.	.	.	.	.	.	.
$787644_4 = \chi_{82,1}$	.	.	.	1	.	.	.	.	1	.
$848232_1 = \chi_{84,0}$	2	1	1	1	.	.	.	1	1	.
$1145664_2 = \chi_{96,1}$	.	.	.	.	.	.	.	.	.	.
$1175040_2 = \chi_{97,1}$	.	.	.	.	.	.	.	.	.	.
$1233792_1 = \chi_{100,0}$	.	.	.	.	.	.	1	.	.	.
$1312740_2 = \chi_{104,1}$	1	.	.	.	.	.	.	.	.	.
$1349460_2 = \chi_{105,1}$	.	.	.	.	.	.	.	.	.	.
$1432080_1 = \chi_{109,0}$	.	.	.	.	1	.	.	.	.	.
$1575288_2 = \chi_{113,1}$	1	.	1	.	.	.	.	.	.	.
$1575288_3 = \chi_{114,0}$	.	.	.	1	.	.	1	.	.	.
$2625480_2 = \chi_{127,1}$	.	.	.	.	.	.	.	.	.	.
$2756754_1 = \chi_{128,0}$	.	.	.	.	.	.	.	.	.	1
$2923830_1 = \chi_{133,0}$	1	.	.	.	.	.	.	1	1	1
$3055104_1 = \chi_{136,0}$	1	.	1	.	.	.	.	1	.	1
$3281850_1 = \chi_{141,0}$	.	.	1	1	1	.	1	.	.	.
$3508596_1 = \chi_{143,0}$	2	1	1	1	1	.	1	1	1	.
$3508596_3 = \chi_{144,0}$	.	.	.	.	1	.	1	.	.	.
$3675672_2 = \chi_{147,1}$	1	.	1	.	1	.	.	.	.	.
$4200768_1 = \chi_{154,0}$	1	.	.	.	.	.	1	1	.	1
$4594590_1 = \chi_{159,0}$	1	.	1	1	1	.	1	1	1	.
$5012280_1 = \chi_{165,0}$	2	1	1	1	.	.	1	2	1	1
$5012280_3 = \chi_{166,0}$	.	.	.	.	.	1	.	.	.	.

(Block 3:)	$\varphi_{3,0}$	$\varphi_{11,0}$	$\varphi_{15,0}$	$\varphi_{32,0}$	$\varphi_{36,0}$	$\varphi_{37,0}$	$\varphi_{40,0}$	$\varphi_{44,0}$	$\varphi_{50,0}$	$\varphi_{65,0}$
$5250960_1 = \chi_{169,0}$	2	1	1	.	.	.	2	1	.	.
$5346432_2 = \chi_{170,1}$	1	.	.	.	.	.	.	.	1	1
$5937624_2 = \chi_{173,1}$	.	.	.	.	.	.	.	.	.	.
$6265350_2 = \chi_{175,1}$	2	.	.	1	.	.	1	1	1	1
$6432426_2 = \chi_{177,1}$	2	1	1	1	.	1	1	1	1	1
$7876440_3 = \chi_{185,0}$	.	1	.	.	.	.	.	.	.	.
$8078400_2 = \chi_{187,1}$	1	1	.	.	.	.	1	1	.	.
$9165312_2 = \chi_{191,1}$	2	2	2	1	1	1	1	1	.	.
$9189180_2 = \chi_{192,1}$	.	1	1	.	1	1	1	.	.	.
$9189180_4 = \chi_{193,1}$	1	1	.	.	.	.	.	1	.	1
$13366080_2 = \chi_{198,1}$	2	1	1	1	1	1	1	1	1	1

(Block 3:)	$\varphi_{10,1}$	$\varphi_{14,1}$	$\varphi_{29,1}$	$\varphi_{43,1}$	$\varphi_{68,1}$	$\varphi_{70,0}$	$\varphi_{64,1}$	$\varphi_{26,1}$	$\varphi_{35,1}$	$\varphi_{61,1}$
$5250960_1 = \chi_{169,0}$	1	.	1	1	.	.	1	1	1	1
$5346432_2 = \chi_{170,1}$	1	1	.	.	.	.	.	.	.	.
$5937624_2 = \chi_{173,1}$	.	.	.	.	1	1	.	.	.	.
$6265350_2 = \chi_{175,1}$	1	1	1	1	.	.	.	.	.	.
$6432426_2 = \chi_{177,1}$	.	.	.	.	.	.	.	.	.	.
$7876440_3 = \chi_{185,0}$	2	1	1	1	1	1	1	1	.	.
$8078400_2 = \chi_{187,1}$	.	.	1	1	1	1	1	.	.	.
$9165312_2 = \chi_{191,1}$	.	.	.	1	1	1	1	.	.	.
$9189180_2 = \chi_{192,1}$	1	1	1	1	1	1	1	1	.	.
$9189180_4 = \chi_{193,1}$	.	1	.	1	.	1	.	.	.	.
$13366080_2 = \chi_{198,1}$	1	1	1	1	1	1	.	.	.	.

$$\begin{array}{ll}
\varphi_{3,0} & = 135_1 \\
\varphi_{11,0} & = 5508_1 \\
\varphi_{15,0} & = 24192_1 \\
\varphi_{32,0} & = 11799_1 \\
\varphi_{36,0} & = 501228_1 \\
\varphi_{37,0} & = 632178_1 \\
\varphi_{40,0} & = 162162_1 \\
\varphi_{44,0} & = 285363_1 \\
\varphi_{50,0} & = 1293786_1 \\
\varphi_{65,0} & = 4017168_1 \\
\varphi_{10,1} & = 7020_2 \\
\varphi_{14,1} & = 28323_2 \\
\varphi_{29,1} & = 112320_2 \\
\varphi_{43,1} & = 347139_2 \\
\varphi_{68,1} & = 1432080_2 \\
\varphi_{70,0} & = 4505544_1 \\
\varphi_{64,1} & = 1228149_2 \\
\varphi_{26,1} & = 203337_2 \\
\varphi_{35,1} & = 143073_2 \\
\varphi_{61,1} & = 2570265_2
\end{array}$$

Block 4:	$\varphi_{22,0}$	$\varphi_{42,0}$	$\varphi_{52,0}$	$\varphi_{56,0}$	$\varphi_{8,1}$	$\varphi_{69,1}$	$\varphi_{30,1}$	$\varphi_{24,1}$	$\varphi_{62,1}$	$\varphi_{60,1}$
$6885_1 = \chi_{14,0}$	.	.	.	.	1	.	.	.	.	.
$88128_1 = \chi_{33,0}$	.	.	.	.	1	.	.	1	.	.
$106029_2 = \chi_{38,1}$	1	.	.	.	.	.	.	.	.	.
$268515_1 = \chi_{52,0}$	.	.	.	.	.	.	1	.	.	.
$363528_1 = \chi_{60,0}$	.	.	.	.	2	.	1	1	.	.
$590733_2 = \chi_{70,1}$	.	.	.	1	.	.	.	.	.	.
$787644_1 = \chi_{81,0}$	.	.	.	.	.	.	.	1	.	1
$1272348_1 = \chi_{103,0}$	.	.	.	.	.	.	.	.	1	.
$1503684_2 = \chi_{111,1}$	.	.	1	.	1	.	.	.	.	.
$1790100_2 = \chi_{116,1}$	1	1	.	.	.	.	.	.	.	.
$2148120_1 = \chi_{121,0}$	.	.	.	.	1	.	.	2	1	1
$2362932_2 = \chi_{124,1}$	.	.	1	1	1	.	1	.	.	.
$2756754_4 = \chi_{129,1}$	1	.	.	1	.	.	.	1	1	1
$3007368_1 = \chi_{135,0}$	.	.	.	1	1	.	1	2	1	1
$3180870_2 = \chi_{137,1}$	.	1	1	.	.	.	.	.	.	.
$3877632_2 = \chi_{149,1}$	1	1	1	1	.	.	.	.	.	.
$4230144_1 = \chi_{155,0}$	.	.	.	.	2	1	.	1	.	.
$4725864_1 = \chi_{162,0}$	.	.	.	1	.	1	.	.	.	.
$6361740_1 = \chi_{176,0}$	.	.	.	1	2	1	1	1	1	.
$7876440_2 = \chi_{184,1}$	1	1	.	1	1	1	.	1	1	.
$8019648_2 = \chi_{186,1}$	1	1	1	1	1	1	.	.	.	.
$8270262_2 = \chi_{188,1}$	.	1	1	1	2	1	1	1	.	.

$$\begin{array}{ll}
\varphi_{22,0} & = 106029_1 \\
\varphi_{42,0} & = 1684071_1 \\
\varphi_{52,0} & = 1496799_1 \\
\varphi_{56,0} & = 590733_1 \\
\varphi_{8,1} & = 6885_2
\end{array}
\qquad
\begin{array}{ll}
\varphi_{69,1} & = 4135131_2 \\
\varphi_{30,1} & = 268515_2 \\
\varphi_{24,1} & = 81243_2 \\
\varphi_{62,1} & = 1272348_2 \\
\varphi_{60,1} & = 706401_2
\end{array}$$

Block 5:	$\varphi_{8,0}$	$\varphi_{24,0}$	$\varphi_{30,0}$	$\varphi_{60,0}$	$\varphi_{62,0}$	$\varphi_{56,1}$	$\varphi_{69,0}$	$\varphi_{22,1}$	$\varphi_{42,1}$	$\varphi_{52,1}$
$6885_2 = \chi_{14,1}$	1	.	.	.	.	.	.	.	.	.
$88128_2 = \chi_{33,1}$	1	1	.	.	.	.	.	.	.	.
$106029_1 = \chi_{38,0}$	.	.	.	.	.	.	.	1	.	.
$268515_2 = \chi_{52,1}$	.	.	1	.	.	.	.	.	.	.
$363528_2 = \chi_{60,1}$	2	1	1	.	.	.	.	.	.	.
$590733_1 = \chi_{70,0}$	.	.	.	.	.	1	.	.	.	.
$787644_2 = \chi_{81,1}$	.	1	.	1	.	.	.	.	.	.
$1272348_2 = \chi_{103,1}$	.	.	.	.	1	.	.	.	.	.
$1503684_1 = \chi_{111,0}$	1	.	.	.	.	.	.	.	.	1
$1790100_1 = \chi_{116,0}$	.	.	.	.	.	.	.	1	1	.
$2148120_2 = \chi_{121,1}$	1	2	.	1	1	.	.	.	.	.
$2362932_1 = \chi_{124,0}$	1	.	1	.	.	1	.	.	.	1
$2756754_3 = \chi_{129,0}$	.	1	.	1	1	1	.	1	.	.
$3007368_2 = \chi_{135,1}$	1	2	1	1	1	1	.	.	.	.
$3180870_1 = \chi_{137,0}$	.	.	.	.	.	.	.	.	1	1
$3877632_1 = \chi_{149,0}$	.	.	.	.	.	1	.	1	1	1
$4230144_2 = \chi_{155,1}$	2	1	.	.	.	.	1	.	.	.
$4725864_2 = \chi_{162,1}$	.	.	.	.	.	1	1	.	.	.
$6361740_2 = \chi_{176,1}$	2	1	1	.	1	1	1	.	.	.
$7876440_1 = \chi_{184,0}$	1	1	.	.	1	1	1	1	1	.
$8019648_1 = \chi_{186,0}$	1	.	.	.	.	1	1	1	1	1
$8270262_1 = \chi_{188,0}$	2	1	1	.	.	1	1	.	1	1

$$\begin{aligned}
\varphi_{8,0} &= 6885_1 & \varphi_{56,1} &= 590733_2 \\
\varphi_{24,0} &= 81243_1 & \varphi_{69,0} &= 4135131_1 \\
\varphi_{30,0} &= 268515_1 & \varphi_{22,1} &= 106029_2 \\
\varphi_{60,0} &= 706401_1 & \varphi_{42,1} &= 1684071_2 \\
\varphi_{62,0} &= 1272348_1 & \varphi_{52,1} &= 1496799_2
\end{aligned}$$

Block 6:	$\varphi_{59,0}$	$\varphi_{67,0}$	$\varphi_{18,1}$	$\varphi_{57,1}$	$\varphi_{46,1}$
$99144_1 = \chi_{36,0}$	.	.	1	.	.
$322218_1 = \chi_{54,0}$	.	.	.	.	1
$3222180_2 = \chi_{139,1}$	1	.	.	.	.
$3544398_1 = \chi_{145,0}$	.	.	.	1	.
$3965760_1 = \chi_{152,0}$	.	.	1	1	1
$4511052_2 = \chi_{158,1}$	.	1	1	.	.
$7088796_1 = \chi_{182,0}$	1	.	.	1	1
$7634088_2 = \chi_{183,1}$	1	1	.	.	.
$11277630_2 = \chi_{197,1}$	1	1	1	1	.

$$\begin{aligned}
\varphi_{59,0} &= 3222180_1 \\
\varphi_{67,0} &= 4411908_1 \\
\varphi_{18,1} &= 99144_2 \\
\varphi_{57,1} &= 3544398_2 \\
\varphi_{46,1} &= 322218_2
\end{aligned}$$

Block 7:	$\varphi_{18,0}$	$\varphi_{46,0}$	$\varphi_{57,0}$	$\varphi_{59,1}$	$\varphi_{67,1}$
$99144_2 = \chi_{36,1}$	1	.	.	.	.
$322218_2 = \chi_{54,1}$	.	1	.	.	.
$3222180_1 = \chi_{139,0}$	.	.	.	1	.
$3544398_2 = \chi_{145,1}$	.	.	1	.	.
$3965760_2 = \chi_{152,1}$	1	1	1	.	.
$4511052_1 = \chi_{158,0}$	1	.	.	.	1
$7088796_2 = \chi_{182,1}$	.	1	1	1	.
$7634088_1 = \chi_{183,0}$	.	.	.	1	1
$11277630_1 = \chi_{197,0}$	1	.	1	1	1

$$\begin{aligned}
\varphi_{18,0} &= 99144_1 \\
\varphi_{46,0} &= 322218_1 \\
\varphi_{57,0} &= 3544398_1 \\
\varphi_{59,1} &= 3222180_2 \\
\varphi_{67,1} &= 4411908_2
\end{aligned}$$