

$$U_6(2).2 \pmod{3}$$

	blocks	defect	matrix
3. <i>G</i> :	1	7	93×24
	2	2	9×4
	3	1	3×1
	4	1	3×2
6. <i>G</i> :	5	7	69×15
	6	2	9×4

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$	$\varphi_{6,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.
$22_1 = \chi_{2,0}$	1	.	1	.	.	.	.	.	.	.	.	.
$22_2 = \chi_{2,1}$	.	1	.	1	.	.	.	.	.	.	.	.
$231_1 = \chi_{3,0}$	.	.	1	.	1	.	.	.	.	.	.	.
$231_2 = \chi_{3,1}$	.	.	.	1	.	1	.	.	.	.	.	.
$252_1 = \chi_{4,0}$	2	.	1	.	.	.	1	.	.	.	.	.
$252_2 = \chi_{4,1}$	.	2	.	1	.	.	.	1	.	.	.	.
$385_1 = \chi_{5,0}$	.	.	.	1	.	.	.	.	1	.	.	.
$385_2 = \chi_{5,1}$	.	.	1	.	.	.	.	.	.	1	.	.
$440_1 = \chi_{6,0}$	1	.	.	.	.	1	1	.	.	.	.	.
$440_2 = \chi_{6,1}$	.	1	.	.	1	.	.	1	.	.	.	.
$560_1 = \chi_{7,0}$	.	.	.	.	.	.	.	.	.	.	1	.
$560_2 = \chi_{7,1}$	.	.	.	.	.	.	.	.	.	.	.	1
$616_1 = \chi_{8,0}$	2	.	1	.	.	.	1	.	1	.	.	.
$616_2 = \chi_{8,1}$	.	2	.	1	.	.	.	1	.	1	.	.
$1540_1 = \chi_{9+}$	.	.	.	.	1	1	.	.	.	.	1	1
$1155_1 = \chi_{11,0}$	.	1	.	.	.	.	1	.	.	.	.	.
$1155_2 = \chi_{11,1}$	1	.	.	.	.	.	.	1	.	.	.	.
$2310_1 = \chi_{12+}$	1	1	.	.	.	.	1	1	.	.	.	.
$1386_1 = \chi_{14,0}$	.	.	1	.	.	.	.	.	.	.	.	.
$1386_2 = \chi_{14,1}$	.	.	.	1	.	.	.	.	.	.	.	.
$1540_2 = \chi_{15,0}$	.	.	.	.	.	.	.	.	.	.	.	.
$1540_3 = \chi_{15,1}$	.	.	.	.	.	.	.	.	.	.	.	.
$6160_1 = \chi_{16+}$	.	.	1	1	1	1	.	.	1	1	2	2
$3520_1 = \chi_{18,0}$	1	.	1	.	1	1	1	.	1	.	1	1
$3520_2 = \chi_{18,1}$	.	1	.	1	1	1	.	1	.	1	1	1
$4620_1 = \chi_{19,0}$	.	.	1	.	1	.	.	.	1	.	1	1
$4620_2 = \chi_{19,1}$	.	.	.	1	.	1	.	.	.	1	1	1
$4928_1 = \chi_{20,0}$	1	.	.	.	.	1	2	.	1	.	1	1
$4928_2 = \chi_{20,1}$	.	1	.	.	1	.	.	2	.	1	1	1
$5544_1 = \chi_{21,0}$	.	.	.	.	1	.	.	.	1	.	1	1
$5544_2 = \chi_{21,1}$	.	.	.	.	.	1	.	.	.	1	1	1
$12320_1 = \chi_{22+}$	.	.	.	.	1	1	.	.	.	.	1	1
$6930_1 = \chi_{24,0}$	1	2	.	1	1	1	2	1	1	.	1	1
$6930_2 = \chi_{24,1}$	2	1	1	.	1	1	1	2	.	1	1	1
$8064_1 = \chi_{25,0}$	1	.	1	.	1	1	2	.	1	.	1	1
$8064_2 = \chi_{25,1}$	.	1	.	1	1	1	.	2	.	1	1	1
$9240_1 = \chi_{26,0}$	.	1	.	1	.	1	1	.	1	.	1	1
$9240_2 = \chi_{26,1}$	1	.	1	.	1	.	.	1	.	1	1	1

(Block 1:)	$\varphi_{7,0}$	$\varphi_{7,1}$	φ_{8+}	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{12,0}$	$\varphi_{12,1}$	φ_{13+}	$\varphi_{15,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.
$22_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.	.
$22_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.	.
$231_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.	.
$231_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.	.
$252_1 = \chi_{4,0}$	.	.	.	.	.	.	.	.	.	.	.
$252_2 = \chi_{4,1}$	.	.	.	.	.	.	.	.	.	.	.
$385_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.	.	.	.
$385_2 = \chi_{5,1}$	.	.	.	.	.	.	.	.	.	.	.
$440_1 = \chi_{6,0}$	.	.	.	.	.	.	.	.	.	.	.
$440_2 = \chi_{6,1}$	.	.	.	.	.	.	.	.	.	.	.
$560_1 = \chi_{7,0}$	.	.	.	.	.	.	.	.	.	.	.
$560_2 = \chi_{7,1}$	.	.	.	.	.	.	.	.	.	.	.
$616_1 = \chi_{8,0}$	.	.	.	.	.	.	.	.	.	.	.
$616_2 = \chi_{8,1}$	.	.	.	.	.	.	.	.	.	.	.
$1540_1 = \chi_{9+}$	.	.	.	.	.	.	.	.	.	.	.
$1155_1 = \chi_{11,0}$	1	.	.	.	.	.	.	.	.	.	.
$1155_2 = \chi_{11,1}$	.	1	.	.	.	.	.	.	.	.	.
$2310_1 = \chi_{12+}$	.	.	1	.	.	.	.	.	.	.	.
$1386_1 = \chi_{14,0}$	.	.	.	1	.	.	.	.	.	.	.
$1386_2 = \chi_{14,1}$	.	.	.	.	1	.	.	.	.	.	.
$1540_2 = \chi_{15,0}$	.	.	.	.	.	1	.	.	.	.	.
$1540_3 = \chi_{15,1}$	.	.	.	.	.	.	1	.	.	.	.
$6160_1 = \chi_{16+}$	.	.	.	1	1	.	.	.	.	.	.
$3520_1 = \chi_{18,0}$	.	.	.	1	.	.	.	.	.	.	.
$3520_2 = \chi_{18,1}$	.	.	.	.	1	.	.	.	.	.	.
$4620_1 = \chi_{19,0}$	.	.	.	1	.	1	.	.	.	.	.
$4620_2 = \chi_{19,1}$	.	.	.	.	1	.	1	.	.	.	.
$4928_1 = \chi_{20,0}$	1	.	1	.	.	.	.	.	.	.	.
$4928_2 = \chi_{20,1}$	.	1	1	.	.	.	.	.	.	.	.
$5544_1 = \chi_{21,0}$	.	.	.	.	.	.	.	.	.	.	1
$5544_2 = \chi_{21,1}$	.	.	.	.	.	.	.	.	.	.	.
$12320_1 = \chi_{22+}$	.	.	.	.	.	1	1	.	.	.	1
$6930_1 = \chi_{24,0}$	1	.	1	.	.	1	.	.	.	.	.
$6930_2 = \chi_{24,1}$	.	1	1	.	.	.	1	.	.	.	.
$8064_1 = \chi_{25,0}$	1	.	1	1	.	1	.	.	.	.	.
$8064_2 = \chi_{25,1}$	.	1	1	.	1	.	1	.	.	.	.
$9240_1 = \chi_{26,0}$	1	.	.	1	.	1	.	1	.	.	.
$9240_2 = \chi_{26,1}$	.	1	.	.	1	.	1	.	1	.	.

(Block 1:)	$\varphi_{15,1}$
$1_1 = \chi_{1,0}$	.
$1_2 = \chi_{1,1}$	.
$22_1 = \chi_{2,0}$	.
$22_2 = \chi_{2,1}$	.
$231_1 = \chi_{3,0}$	.
$231_2 = \chi_{3,1}$	.
$252_1 = \chi_{4,0}$	.
$252_2 = \chi_{4,1}$	.
$385_1 = \chi_{5,0}$	.
$385_2 = \chi_{5,1}$	.
$440_1 = \chi_{6,0}$	.
$440_2 = \chi_{6,1}$	.
$560_1 = \chi_{7,0}$	.
$560_2 = \chi_{7,1}$	.
$616_1 = \chi_{8,0}$	.
$616_2 = \chi_{8,1}$	.
$1540_1 = \chi_{9+}$	.
$1155_1 = \chi_{11,0}$	.
$1155_2 = \chi_{11,1}$	.
$2310_1 = \chi_{12+}$	.
$1386_1 = \chi_{14,0}$	.
$1386_2 = \chi_{14,1}$	.
$1540_2 = \chi_{15,0}$	.
$1540_3 = \chi_{15,1}$	.
$6160_1 = \chi_{16+}$	.
$3520_1 = \chi_{18,0}$	.
$3520_2 = \chi_{18,1}$	.
$4620_1 = \chi_{19,0}$	.
$4620_2 = \chi_{19,1}$	.
$4928_1 = \chi_{20,0}$	.
$4928_2 = \chi_{20,1}$	.
$5544_1 = \chi_{21,0}$	.
$5544_2 = \chi_{21,1}$	1
$12320_1 = \chi_{22+}$	1
$6930_1 = \chi_{24,0}$	.
$6930_2 = \chi_{24,1}$	.
$8064_1 = \chi_{25,0}$	.
$8064_2 = \chi_{25,1}$	.
$9240_1 = \chi_{26,0}$	.
$9240_2 = \chi_{26,1}$	.

[illegible]

(Block 1:)	$\varphi_{7,0}$	$\varphi_{7,1}$	φ_{8+}	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{12,0}$	$\varphi_{12,1}$	φ_{13+}	$\varphi_{15,0}$
$18480_1 = \chi_{27+}$	.	.	1	1	1	1	1	.	.	1	.
$20790_1 = \chi_{29+}$	.	.	.	1	1	2	2	.	.	.	1
$10395_1 = \chi_{31,0}$	.	.	.	.	.	2	.	1	.	.	1
$10395_2 = \chi_{31,1}$	.	.	.	.	.	.	2	.	1	.	.
$20790_2 = \chi_{32+}$	.	.	.	.	.	2	2	.	.	1	1
$11264_1 = \chi_{34,0}$	1	.	1	.	.	1	1	.	.	.	.
$11264_2 = \chi_{34,1}$	.	1	1	.	.	1	1	.	.	.	1
$13860_1 = \chi_{35,0}$	1	.	1	1	.	1	.	.	.	.	.
$13860_2 = \chi_{35,1}$	.	1	1	.	1	.	1	.	.	.	1
$14784_1 = \chi_{36,0}$	.	.	.	1	.	1	.	1	.	1	.
$14784_2 = \chi_{36,1}$	.	.	.	.	1	.	1	.	1	1	.
$41580_1 = \chi_{39+}$	.	.	.	1	1	2	2	1	1	2	1
$24640_1 = \chi_{41,0}$	.	.	.	1	1	2	1	1	.	1	1
$24640_2 = \chi_{41,1}$	.	.	.	1	1	1	2	.	1	1	.
$32768_1 = \chi_{44,0}$	1	.	1	1	.	3	1	1	.	1	1
$32768_2 = \chi_{44,1}$	.	1	1	.	1	1	3	.	1	1	1
$42_1 = \chi_{78+}$	.	.	.	.	.	.	.	.	.	.	.
$420_1 = \chi_{79+}$	.	.	.	.	.	.	.	.	.	.	.
$462_1 = \chi_{80+}$	.	.	.	.	.	.	.	.	.	.	.
$924_1 = \chi_{81+}$	.	.	.	.	.	.	.	.	.	.	.
$1848_1 = \chi_{82+}$	.	.	.	.	.	.	.	.	.	.	.
$2310_2 = \chi_{83+}$	.	.	.	.	.	.	.	.	.	.	.
$2772_1 = \chi_{84+}$	.	.	.	.	.	.	.	.	.	.	.
$2970_1 = \chi_{85+}$	1	1	.	.	.	.	.	.	.	.	.
$2970_2 = \chi_{86+}$	.	.	1	.	.	.	.	.	.	.	.
$2970_3 = \chi_{87+}$	.	.	1	.	.	.	.	.	.	.	.
$4620_3 = \chi_{88+}$	.	.	.	.	.	1	1	.	.	.	.
$4620_4 = \chi_{89+}$	.	.	.	1	1	.	.	.	.	.	.
$5040_1 = \chi_{90+}$	.	.	.	1	1	.	.	.	.	.	.
$5544_5 = \chi_{91+}$	.	.	.	1	1	.	.	.	.	.	.
$6930_3 = \chi_{92+}$	.	.	.	1	1	.	.	.	.	.	.
$6930_4 = \chi_{93+}$	.	.	.	.	.	.	.	1	1	.	.
$6930_5 = \chi_{94+}$	.	.	.	.	.	.	.	.	.	1	.
$6930_6 = \chi_{95+}$	.	.	.	.	.	.	.	.	.	1	.
$7392_1 = \chi_{96+}$	.	.	.	1	1	1	1	.	.	.	.
$9240_3 = \chi_{97+}$	.	.	.	.	.	.	.	.	.	.	1
$9240_4 = \chi_{98+}$	1	1	2	.	.	.	.	.	.	.	.
$11088_1 = \chi_{99+}$	1	1	2	.	.	1	1	.	.	.	.
$13440_1 = \chi_{100+}$	.	.	.	.	.	1	1	.	.	.	1
$13860_3 = \chi_{101+}$	.	.	.	.	.	2	2	.	.	.	1

(Block 1:)	$\varphi_{15,1}$
$18480_1 = \chi_{27+}$	.
$20790_1 = \chi_{29+}$	1
$10395_1 = \chi_{31,0}$	.
$10395_2 = \chi_{31,1}$	1
$20790_2 = \chi_{32+}$	1
$11264_1 = \chi_{34,0}$	1
$11264_2 = \chi_{34,1}$	.
$13860_1 = \chi_{35,0}$	1
$13860_2 = \chi_{35,1}$	.
$14784_1 = \chi_{36,0}$	.
$14784_2 = \chi_{36,1}$	.
$41580_1 = \chi_{39+}$	1
$24640_1 = \chi_{41,0}$	.
$24640_2 = \chi_{41,1}$	1
$32768_1 = \chi_{44,0}$	1
$32768_2 = \chi_{44,1}$	1
$42_1 = \chi_{78+}$	.
$420_1 = \chi_{79+}$	.
$462_1 = \chi_{80+}$	.
$924_1 = \chi_{81+}$	.
$1848_1 = \chi_{82+}$	.
$2310_2 = \chi_{83+}$	.
$2772_1 = \chi_{84+}$	.
$2970_1 = \chi_{85+}$	.
$2970_2 = \chi_{86+}$	.
$2970_3 = \chi_{87+}$	.
$4620_3 = \chi_{88+}$	.
$4620_4 = \chi_{89+}$	.
$5040_1 = \chi_{90+}$	.
$5544_5 = \chi_{91+}$	.
$6930_3 = \chi_{92+}$	.
$6930_4 = \chi_{93+}$	.
$6930_5 = \chi_{94+}$	.
$6930_6 = \chi_{95+}$	.
$7392_1 = \chi_{96+}$	.
$9240_3 = \chi_{97+}$	1
$9240_4 = \chi_{98+}$	.
$11088_1 = \chi_{99+}$	.
$13440_1 = \chi_{100+}$	1
$13860_3 = \chi_{101+}$	1

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$	$\varphi_{6,1}$
$18480_4 = \chi_{102+}$	3	3	2	2	2	2	3	3	2	2	3	3
$18480_5 = \chi_{103+}$	.	.	1	1	2	2	.	.	1	1	3	3
$20790_3 = \chi_{104+}$	.	.	.	.	2	2	.	.	.	.	3	3
$22176_3 = \chi_{105+}$	1	1	.	.	2	2	2	2	1	1	3	3
$23760_1 = \chi_{106+}$	.	.	.	.	.	.	.	.	.	.	1	1
$23760_2 = \chi_{107+}$	.	.	.	.	.	.	.	.	.	.	1	1
$23760_3 = \chi_{108+}$	.	.	.	.	.	.	.	.	.	.	1	1
$29568_1 = \chi_{109+}$	1	1	1	1	3	3	2	2	1	1	4	4
$36960_1 = \chi_{110+}$	.	.	1	1	1	1	.	.	1	1	3	3
$41580_2 = \chi_{113+}$	.	.	.	.	2	2	.	.	.	.	3	3
$43008_1 = \chi_{114+}$	.	.	.	.	1	1	.	.	1	1	4	4
$55440_1 = \chi_{117+}$	.	.	.	.	2	2	.	.	.	.	3	3
$59136_1 = \chi_{118+}$	1	1	1	1	3	3	2	2	2	2	6	6

(Block 1:)	$\varphi_{7,0}$	$\varphi_{7,1}$	φ_{8+}	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{12,0}$	$\varphi_{12,1}$	φ_{13+}	$\varphi_{15,0}$
$18480_4 = \chi_{102+}$	1	1	2	1	1	1	1	.	.	.	.
$18480_5 = \chi_{103+}$	.	.	.	1	1	1	1	.	.	.	1
$20790_3 = \chi_{104+}$	.	.	.	1	1	2	2	.	.	.	1
$22176_3 = \chi_{105+}$	1	1	2	.	.	1	1	.	.	.	1
$23760_1 = \chi_{106+}$	1	1	.	.	.	2	2	1	1	.	1
$23760_2 = \chi_{107+}$	.	.	1	.	.	2	2	.	.	1	1
$23760_3 = \chi_{108+}$	.	.	1	.	.	2	2	.	.	1	1
$29568_1 = \chi_{109+}$	1	1	2	1	1	2	2	.	.	.	1
$36960_1 = \chi_{110+}$	.	.	.	2	2	2	2	1	1	2	.
$41580_2 = \chi_{113+}$	.	.	.	1	1	2	2	1	1	2	1
$43008_1 = \chi_{114+}$	.	.	.	1	1	2	2	1	1	2	1
$55440_1 = \chi_{117+}$	.	.	.	1	1	4	4	1	1	2	2
$59136_1 = \chi_{118+}$	1	1	2	2	2	3	3	1	1	2	1

		$\varphi_{1,0} = 1_1$
		$\varphi_{1,1} = 1_2$
		$\varphi_{2,0} = 21_1$
		$\varphi_{2,1} = 21_2$
		$\varphi_{3,0} = 210_1$
		$\varphi_{3,1} = 210_2$
		$\varphi_{4,0} = 229_1$
		$\varphi_{4,1} = 229_2$
		$\varphi_{5,0} = 364_1$
		$\varphi_{5,1} = 364_2$
		$\varphi_{6,0} = 560_1$
		$\varphi_{6,1} = 560_2$
		$\varphi_{7,0} = 925_1$
		$\varphi_{7,1} = 925_2$
		$\varphi_{8+} = 1850_1$
		$\varphi_{10,0} = 1365_1$
		$\varphi_{10,1} = 1365_2$
		$\varphi_{11,0} = 1540_1$
		$\varphi_{11,1} = 1540_2$
		$\varphi_{12,0} = 3465_1$
		$\varphi_{12,1} = 3465_2$
		$\varphi_{13+} = 6930_1$
		$\varphi_{15,0} = 3850_1$
		$\varphi_{15,1} = 3850_2$

(Block 1:)	$\varphi_{15,1}$
$18480_4 = \chi_{102+}$	.
$18480_5 = \chi_{103+}$	1
$20790_3 = \chi_{104+}$	1
$22176_3 = \chi_{105+}$	1
$23760_1 = \chi_{106+}$	1
$23760_2 = \chi_{107+}$	1
$23760_3 = \chi_{108+}$	1
$29568_1 = \chi_{109+}$	1
$36960_1 = \chi_{110+}$	.
$41580_2 = \chi_{113+}$	1
$43008_1 = \chi_{114+}$	1
$55440_1 = \chi_{117+}$	2
$59136_1 = \chi_{118+}$	1

Block 2 ₁ , 2 ₂ :	$\varphi_{16,0}$	$\varphi_{17,0}$	$\varphi_{16,1}$	$\varphi_{17,1}$	
$18711_1 = \chi_{37,0}$	1	.	.	.	
$18711_3 = \chi_{38,0}$	.	1	.	.	
$37422_1 = \chi_{45,0}$	1	1	.	.	
$18711_2 = \chi_{37,1}$	.	.	1	.	$\varphi_{16,0} = 18711_1$
$18711_4 = \chi_{38,1}$	.	.	.	1	$\varphi_{16,1} = 18711_2$
$37422_2 = \chi_{45,1}$	.	.	1	1	$\varphi_{17,0} = 18711_3$
					$\varphi_{17,1} = 18711_4$
$37422_3 = \chi_{111+}$	1	.	1	.	
$37422_4 = \chi_{112+}$	.	1	.	1	
$74844_1 = \chi_{119+}$	1	1	1	1	

Block 3:	φ_{18+}	
$51030_1 = \chi_{42+}$	1	
$51030_2 = \chi_{115+}$	1	
$51030_3 = \chi_{116+}$	1	

$\varphi_{18+} = 51030_1$

Block 4₁, 4₂:	$\varphi_{20,0}$	$\varphi_{20,1}$
40095 ₁ = $\chi_{46,0}$	1	.
40095 ₂ = $\chi_{46,1}$	.	1
80190 ₁ = χ_{120+}	1	1

$$\begin{aligned}\varphi_{20,0} &= 40095_1 \\ \varphi_{20,1} &= 40095_2\end{aligned}$$

Block 5:	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{23,0}$	$\varphi_{23,1}$	$\varphi_{24,0}$	$\varphi_{24,1}$	$\varphi_{25,0}$	$\varphi_{25,1}$	φ_{26+}
$56_1 = \chi_{47,0}$	1	.	.	.	.	.	.	.	.	.	.
$56_2 = \chi_{47,1}$	.	1	.	.	.	.	.	.	.	.	.
$176_1 = \chi_{48,0}$	1	.	1	.	.	.	.	.	.	.	.
$176_2 = \chi_{48,1}$	.	1	.	1	.	.	.	.	.	.	.
$616_3 = \chi_{49,0}$	.	1	.	.	1	.	.	.	.	.	.
$616_4 = \chi_{49,1}$	1	.	.	.	.	1	.	.	.	.	.
$792_1 = \chi_{50,0}$	2	.	1	.	1	.	.	.	.	.	.
$792_2 = \chi_{50,1}$	.	2	.	1	.	1	.	.	.	.	.
$1232_1 = \chi_{51,0}$	1	.	1	.	.	.	1	.	.	.	.
$1232_2 = \chi_{51,1}$	.	1	.	1	.	.	.	1	.	.	.
$2464_1 = \chi_{52,0}$	.	1	.	.	.	1	.	.	1	.	.
$2464_2 = \chi_{52,1}$	1	.	.	.	1	.	.	.	.	1	.
$3080_1 = \chi_{53,0}$	1	.	1	.	.	.	1	.	1	.	.
$3080_2 = \chi_{53,1}$	.	1	.	1	.	.	.	1	.	1	.
$6720_1 = \chi_{54+}$	.	.	1	1	.	.	1	1	.	.	1
$5544_3 = \chi_{56,0}$	2	.	1	.	.	1	1	.	2	.	.
$5544_4 = \chi_{56,1}$	.	2	.	1	1	.	.	1	.	2	.
$6160_2 = \chi_{57,0}$	1	.	1	.	1	.	1	.	.	.	1
$6160_3 = \chi_{57,1}$	.	1	.	1	.	1	.	1	.	.	1
$12320_2 = \chi_{58+}$	1	1	1	1	1	1	1	1	.	.	2
$9856_1 = \chi_{61,0}$	3	.	2	.	1	1	2	.	1	.	1
$9856_2 = \chi_{61,1}$	.	3	.	2	1	1	.	2	.	1	1
$11264_3 = \chi_{62,0}$	2	1	1	.	.	1	.	.	1	.	.
$11264_4 = \chi_{62,1}$	1	2	.	1	1	.	.	.	.	1	.
$12320_3 = \chi_{63,0}$	2	1	1	.	1	.	1	.	1	.	.
$12320_4 = \chi_{63,1}$	1	2	.	1	.	1	.	1	.	1	.
$24640_3 = \chi_{64+}$	.	.	1	1	1	1	.	.	.	.	2
$15840_1 = \chi_{67,0}$	.	.	.	.	.	.	.	.	.	.	.
$15840_2 = \chi_{67,1}$	.	.	.	.	.	.	.	.	.	.	.
$18480_2 = \chi_{68,0}$	2	2	1	1	2	.	1	1	.	1	1
$18480_3 = \chi_{68,1}$	2	2	1	1	.	2	1	1	1	.	1
$22176_1 = \chi_{70,0}$	2	2	1	1	.	2	1	.	2	.	.
$22176_2 = \chi_{70,1}$	2	2	1	1	2	.	.	1	.	2	.
$24640_4 = \chi_{71,0}$	1	2	1	1	1	1	1	.	1	.	1
$24640_5 = \chi_{71,1}$	2	1	1	1	1	1	.	1	.	1	1
$49280_1 = \chi_{72+}$	3	3	2	2	2	2	1	1	1	1	2
$27720_1 = \chi_{74,0}$	1	2	2	2	1	2	2	1	1	.	3
$27720_2 = \chi_{74,1}$	2	1	2	2	2	1	1	2	.	1	3
$30240_1 = \chi_{75,0}$	4	4	1	1	2	2	1	1	1	1	1
$30240_2 = \chi_{75,1}$	4	4	1	1	2	2	1	1	1	1	1

(Block 5:)	$\varphi_{28,0}$	$\varphi_{28,1}$	$\varphi_{30,0}$	$\varphi_{30,1}$
$56_1 = \chi_{47,0}$	.	.	.	.
$56_2 = \chi_{47,1}$	.	.	.	.
$176_1 = \chi_{48,0}$	.	.	.	.
$176_2 = \chi_{48,1}$	.	.	.	.
$616_3 = \chi_{49,0}$	.	.	.	.
$616_4 = \chi_{49,1}$	.	.	.	.
$792_1 = \chi_{50,0}$	.	.	.	.
$792_2 = \chi_{50,1}$	.	.	.	.
$1232_1 = \chi_{51,0}$	.	.	.	.
$1232_2 = \chi_{51,1}$	.	.	.	.
$2464_1 = \chi_{52,0}$	.	.	.	.
$2464_2 = \chi_{52,1}$	.	.	.	.
$3080_1 = \chi_{53,0}$	.	.	.	.
$3080_2 = \chi_{53,1}$	.	.	.	.
$6720_1 = \chi_{54+}$	.	.	.	.
$5544_3 = \chi_{56,0}$	.	.	.	.
$5544_4 = \chi_{56,1}$	.	.	.	.
$6160_2 = \chi_{57,0}$	.	.	.	.
$6160_3 = \chi_{57,1}$	.	.	.	.
$12320_2 = \chi_{58+}$	.	.	.	.
$9856_1 = \chi_{61,0}$	.	.	.	.
$9856_2 = \chi_{61,1}$	.	.	.	.
$11264_3 = \chi_{62,0}$	.	.	.	1
$11264_4 = \chi_{62,1}$	.	.	1	.
$12320_3 = \chi_{63,0}$	.	.	1	.
$12320_4 = \chi_{63,1}$	.	.	.	1
$24640_3 = \chi_{64+}$	1	1	.	.
$15840_1 = \chi_{67,0}$	1	.	1	.
$15840_2 = \chi_{67,1}$	.	1	.	1
$18480_2 = \chi_{68,0}$	.	.	1	.
$18480_3 = \chi_{68,1}$	.	.	.	1
$22176_1 = \chi_{70,0}$	1	.	1	.
$22176_2 = \chi_{70,1}$	.	1	.	1
$24640_4 = \chi_{71,0}$	1	.	1	.
$24640_5 = \chi_{71,1}$	.	1	.	1
$49280_1 = \chi_{72+}$	1	1	1	1
$27720_1 = \chi_{74,0}$	1	.	.	.
$27720_2 = \chi_{74,1}$	.	1	.	.
$30240_1 = \chi_{75,0}$	.	.	1	1
$30240_2 = \chi_{75,1}$	.	.	1	1

(Block 5:)	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{23,0}$	$\varphi_{23,1}$	$\varphi_{24,0}$	$\varphi_{24,1}$	$\varphi_{25,0}$	$\varphi_{25,1}$	φ_{26+}
$32768_3 = \chi_{76,0}$	3	1	3	1	1	2	2	.	2	.	2
$32768_4 = \chi_{76,1}$	1	3	1	3	2	1	.	2	.	2	2
$44352_1 = \chi_{77,0}$	3	2	3	2	2	2	2	1	1	.	3
$44352_2 = \chi_{77,1}$	2	3	2	3	2	2	1	2	.	1	3
$240_1 = \chi_{121+}$	.	.	1	1	.	.	.	.	.	.	.
$1344_1 = \chi_{122+}$	2	2	.	.	1	1	.	.	.	.	.
$2112_1 = \chi_{123+}$	.	.	.	.	.	.	1	1	.	.	.
$3696_1 = \chi_{124+}$	.	.	.	.	.	.	.	.	1	1	.
$5280_1 = \chi_{125+}$	2	2	1	1	1	1	.	.	1	1	.
$7392_2 = \chi_{126+}$	2	2	1	1	1	1	1	1	1	1	.
$11088_2 = \chi_{127+}$	.	.	1	1	.	.	1	1	.	.	2
$12672_1 = \chi_{128+}$	2	2	2	2	1	1	1	1	.	.	2
$14784_3 = \chi_{129+}$	.	.	1	1	.	.	.	.	.	.	.
$14784_4 = \chi_{130+}$	2	2	2	2	1	1	2	2	.	.	2
$18480_6 = \chi_{132+}$	2	2	.	.	1	1	.	.	.	.	.
$18480_7 = \chi_{133+}$	2	2	2	2	1	1	2	2	1	1	2
$29568_2 = \chi_{135+}$	4	4	1	1	2	2	1	1	2	2	.
$30240_3 = \chi_{136+}$	4	4	1	1	2	2	1	1	1	1	1
$30240_4 = \chi_{137+}$	4	4	1	1	2	2	1	1	1	1	1
$36960_2 = \chi_{138+}$	2	2	1	1	1	1	.	.	1	1	.
$36960_3 = \chi_{139+}$	1	1	2	2	2	2	1	1	.	.	4
$42240_1 = \chi_{140+}$	6	6	3	3	3	3	2	2	2	2	2
$43008_2 = \chi_{142+}$	1	1	3	3	2	2	2	2	1	1	4
$44352_3 = \chi_{143+}$	2	2	2	2	1	1	1	1	.	.	2
$44352_4 = \chi_{144+}$	3	3	3	3	3	3	2	2	1	1	4
$55440_2 = \chi_{145+}$	4	4	3	3	2	2	2	2	2	2	2
$73920_1 = \chi_{146+}$	3	3	3	3	3	3	1	1	1	1	4
$73920_2 = \chi_{147+}$	5	5	4	4	4	4	3	3	1	1	6
$73920_3 = \chi_{148+}$	6	6	3	3	3	3	2	2	2	2	2

(Block 5:)	$\varphi_{28,0}$	$\varphi_{28,1}$	$\varphi_{30,0}$	$\varphi_{30,1}$
$32768_3 = \chi_{76,0}$	1	.	1	.
$32768_4 = \chi_{76,1}$	.	1	.	1
$44352_1 = \chi_{77,0}$	1	1	.	1
$44352_2 = \chi_{77,1}$	1	1	1	.
$240_1 = \chi_{121+}$	.	.	.	.
$1344_1 = \chi_{122+}$	.	.	.	.
$2112_1 = \chi_{123+}$	.	.	.	.
$3696_1 = \chi_{124+}$	.	.	.	.
$5280_1 = \chi_{125+}$	.	.	.	.
$7392_2 = \chi_{126+}$	.	.	.	.
$11088_2 = \chi_{127+}$	.	.	.	.
$12672_1 = \chi_{128+}$	.	.	.	.
$14784_3 = \chi_{129+}$	1	1	.	.
$14784_4 = \chi_{130+}$	.	.	.	.
$18480_6 = \chi_{132+}$	.	.	1	1
$18480_7 = \chi_{133+}$	.	.	.	.
$29568_2 = \chi_{135+}$	.	.	1	1
$30240_3 = \chi_{136+}$	.	.	1	1
$30240_4 = \chi_{137+}$	.	.	1	1
$36960_2 = \chi_{138+}$	1	1	1	1
$36960_3 = \chi_{139+}$	1	1	.	.
$42240_1 = \chi_{140+}$	.	.	1	1
$43008_2 = \chi_{142+}$	1	1	.	.
$44352_3 = \chi_{143+}$	1	1	1	1
$44352_4 = \chi_{144+}$	1	1	.	.
$55440_2 = \chi_{145+}$	1	1	1	1
$73920_1 = \chi_{146+}$	2	2	1	1
$73920_2 = \chi_{147+}$	1	1	1	1
$73920_3 = \chi_{148+}$	1	1	2	2

$\varphi_{21,0}$	=	56_1
$\varphi_{21,1}$	=	56_2
$\varphi_{22,0}$	=	120_1
$\varphi_{22,1}$	=	120_2
$\varphi_{23,0}$	=	560_3
$\varphi_{23,1}$	=	560_4
$\varphi_{24,0}$	=	1056_1
$\varphi_{24,1}$	=	1056_2
$\varphi_{25,0}$	=	1848_1
$\varphi_{25,1}$	=	1848_2
φ_{26+}	=	4368_1
$\varphi_{28,0}$	=	7272_1
$\varphi_{28,1}$	=	7272_2
$\varphi_{30,0}$	=	8568_1
$\varphi_{30,1}$	=	8568_2

Block 6 ₁ , 6 ₂ :	$\varphi_{29,0}$	$\varphi_{31,0}$	$\varphi_{29,1}$	$\varphi_{31,1}$
$7776_1 = \chi_{60,0}$	1	.	.	.
$13608_1 = \chi_{66,0}$	.	1	.	.
$21384_1 = \chi_{69,0}$	1	1	.	.
$7776_2 = \chi_{60,1}$	.	.	1	.
$13608_2 = \chi_{66,1}$	.	.	.	1
$21384_2 = \chi_{69,1}$	.	.	1	1
$15552_1 = \chi_{131+}$	1	.	1	.
$27216_1 = \chi_{134+}$	.	1	.	1
$42768_1 = \chi_{141+}$	1	1	1	1

$\varphi_{29,0}$	=	7776_1
$\varphi_{29,1}$	=	7776_2
$\varphi_{31,0}$	=	13608_1
$\varphi_{31,1}$	=	13608_2