

$A_{15}.2 \pmod{2}$

	blocks	defect	matrix
$G :$	1	11	110×15
	2	10	65×11
	3	0	$292864_1 = \chi_{84+}, \varphi_{30+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{5,0}$	$\varphi_{7,0}$	$\varphi_{9,0}$	$\varphi_{11,0}$	$\varphi_{12,0}$	$\varphi_{14,0}$	$\varphi_{8,0}$	$\varphi_{16,0}$	$\varphi_{15,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	1	.	.	.	.	.	.	.	.	.
$90_1 = \chi_{3,0}$	.	1	.	.	.	.	.	.	.	.
$90_2 = \chi_{3,1}$	.	1	.	.	.	.	.	.	.	.
$91_1 = \chi_{4,0}$	1	1	.	.	.	.	.	.	.	.
$91_2 = \chi_{4,1}$	1	1	.	.	.	.	.	.	.	.
$715_1 = \chi_{7,0}$	1	1	1	.	.	.	.	.	.	.
$715_2 = \chi_{7,1}$	1	1	1	.	.	.	.	.	.	.
$910_1 = \chi_{8,0}$	.	.	.	1	.	.	.	.	.	.
$910_2 = \chi_{8,1}$	.	.	.	1	.	.	.	.	.	.
$1001_1 = \chi_{9,0}$	1	1	.	1	.	.	.	.	.	.
$1001_2 = \chi_{9,1}$	1	1	.	1	.	.	.	.	.	.
$1925_1 = \chi_{14,0}$	1	.	1	.	1	.	.	.	.	.
$1925_2 = \chi_{14,1}$	1	.	1	.	1	.	.	.	.	.
$2002_1 = \chi_{15,0}$	.	1	.	.	.	1	.	.	.	.
$2002_2 = \chi_{15,1}$	.	1	.	.	.	1	.	.	.	.
$2835_1 = \chi_{17,0}$	1	.	1	1	1	.	.	.	.	.
$2835_2 = \chi_{17,1}$	1	.	1	1	1	.	.	.	.	.
$2925_1 = \chi_{18,0}$	1	1	1	1	1	.	.	.	.	.
$2925_2 = \chi_{18,1}$	1	1	1	1	1	.	.	.	.	.
$3003_1 = \chi_{19,0}$	1	2	.	1	.	1	.	.	.	.
$3003_2 = \chi_{19,1}$	1	2	.	1	.	1	.	.	.	.
$5005_1 = \chi_{20,0}$	1	.	.	.	.	.	1	1	.	.
$5005_2 = \chi_{20,1}$	1	.	.	.	.	.	1	1	.	.
$6006_1 = \chi_{21,0}$	2	.	.	.	1	.	.	.	1	.
$6006_2 = \chi_{21,1}$	2	.	.	.	1	.	.	.	1	.
$7007_1 = \chi_{22,0}$	1	.	1	1	1	.	1	.	.	.
$7007_2 = \chi_{22,1}$	1	.	1	1	1	.	1	.	.	.
$7722_1 = \chi_{23,0}$	2	1	2	1	1	.	1	.	.	.
$7722_2 = \chi_{23,1}$	2	1	2	1	1	.	1	.	.	.
$11375_1 = \chi_{27,0}$	1	1	1	.	.	1	1	.	.	1
$11375_2 = \chi_{27,1}$	1	1	1	.	.	1	1	.	.	1
$11583_1 = \chi_{28,0}$	1	1	.	.	.	1	1	1	.	1
$11583_2 = \chi_{28,1}$	1	1	.	.	.	1	1	1	.	1
$12740_1 = \chi_{31,0}$	2	2	.	.	1	1	.	.	.	.
$12740_2 = \chi_{31,1}$	2	2	.	.	1	1	.	.	.	.
$13650_1 = \chi_{32,0}$	2	2	.	1	1	1	.	.	.	.
$13650_2 = \chi_{32,1}$	2	2	.	1	1	1	.	.	.	.
$14300_1 = \chi_{33,0}$	2	2	2	1	1	1	1	.	.	1
$14300_2 = \chi_{33,1}$	2	2	2	1	1	1	1	.	.	1

(Block 1:)	$\varphi_{20,0}$	$\varphi_{13,0}$	$\varphi_{23,0}$	$\varphi_{28,0}$	$\varphi_{29,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.
$90_1 = \chi_{3,0}$	.	.	.	.	.
$90_2 = \chi_{3,1}$	.	.	.	.	.
$91_1 = \chi_{4,0}$	.	.	.	.	.
$91_2 = \chi_{4,1}$	.	.	.	.	.
$715_1 = \chi_{7,0}$	.	.	.	.	.
$715_2 = \chi_{7,1}$	.	.	.	.	.
$910_1 = \chi_{8,0}$	.	.	.	.	.
$910_2 = \chi_{8,1}$	.	.	.	.	.
$1001_1 = \chi_{9,0}$	.	.	.	.	.
$1001_2 = \chi_{9,1}$	.	.	.	.	.
$1925_1 = \chi_{14,0}$	.	.	.	.	.
$1925_2 = \chi_{14,1}$	.	.	.	.	.
$2002_1 = \chi_{15,0}$	.	.	.	.	.
$2002_2 = \chi_{15,1}$	.	.	.	.	.
$2835_1 = \chi_{17,0}$	.	.	.	.	.
$2835_2 = \chi_{17,1}$	.	.	.	.	.
$2925_1 = \chi_{18,0}$	.	.	.	.	.
$2925_2 = \chi_{18,1}$	.	.	.	.	.
$3003_1 = \chi_{19,0}$	.	.	.	.	.
$3003_2 = \chi_{19,1}$	.	.	.	.	.
$5005_1 = \chi_{20,0}$	.	.	.	.	.
$5005_2 = \chi_{20,1}$	.	.	.	.	.
$6006_1 = \chi_{21,0}$	.	.	.	.	.
$6006_2 = \chi_{21,1}$	.	.	.	.	.
$7007_1 = \chi_{22,0}$	.	.	.	.	.
$7007_2 = \chi_{22,1}$	.	.	.	.	.
$7722_1 = \chi_{23,0}$	.	.	.	.	.
$7722_2 = \chi_{23,1}$	.	.	.	.	.
$11375_1 = \chi_{27,0}$	.	.	.	.	.
$11375_2 = \chi_{27,1}$	.	.	.	.	.
$11583_1 = \chi_{28,0}$	.	.	.	.	.
$11583_2 = \chi_{28,1}$	.	.	.	.	.
$12740_1 = \chi_{31,0}$	1	.	.	.	.
$12740_2 = \chi_{31,1}$	1	.	.	.	.
$13650_1 = \chi_{32,0}$	1	.	.	.	.
$13650_2 = \chi_{32,1}$	1	.	.	.	.
$14300_1 = \chi_{33,0}$	.	.	.	.	.
$14300_2 = \chi_{33,1}$	.	.	.	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{5,0}$	$\varphi_{7,0}$	$\varphi_{9,0}$	$\varphi_{11,0}$	$\varphi_{12,0}$	$\varphi_{14,0}$	$\varphi_{8,0}$	$\varphi_{16,0}$	$\varphi_{15,0}$
$19305_1 = \chi_{34,0}$	3	2	2	1	1	1	2	1	.	1
$19305_2 = \chi_{34,1}$	3	2	2	1	1	1	2	1	.	1
$21450_1 = \chi_{35,0}$	2	1	.	.	1	1	.	.	1	.
$21450_2 = \chi_{35,1}$	2	1	.	.	1	1	.	.	1	.
$22113_1 = \chi_{36,0}$	3	2	1	.	1	1	1	.	.	1
$22113_2 = \chi_{36,1}$	3	2	1	.	1	1	1	.	.	1
$24948_1 = \chi_{37,0}$	4	2	2	1	2	1	1	.	.	1
$24948_2 = \chi_{37,1}$	4	2	2	1	2	1	1	.	.	1
$25025_1 = \chi_{38,0}$	3	3	1	1	1	2	1	.	.	1
$25025_2 = \chi_{38,1}$	3	3	1	1	1	2	1	.	.	1
$25025_3 = \chi_{39,0}$	1	1	.	.	.	1	1	1	.	1
$25025_4 = \chi_{39,1}$	1	1	.	.	.	1	1	1	.	1
$25025_5 = \chi_{40,0}$	3	.	1	.	1	.	1	1	1	.
$25025_6 = \chi_{40,1}$	3	.	1	.	1	.	1	1	1	.
$26950_1 = \chi_{41,0}$	4	3	2	1	2	2	1	.	.	1
$26950_2 = \chi_{41,1}$	4	3	2	1	2	2	1	.	.	1
$27027_1 = \chi_{42,0}$	1	2	.	.	.	2	1	1	.	1
$27027_2 = \chi_{42,1}$	1	2	.	.	.	2	1	1	.	1
$28028_1 = \chi_{43,0}$	2	2	.	.	1	2	.	.	1	1
$28028_2 = \chi_{43,1}$	2	2	.	.	1	2	.	.	1	1
$34398_1 = \chi_{46,0}$	4	.	2	.	1	.	2	1	1	1
$34398_2 = \chi_{46,1}$	4	.	2	.	1	.	2	1	1	1
$35035_1 = \chi_{47,0}$	3	2	1	.	.	1	1	1	.	1
$35035_2 = \chi_{47,1}$	3	2	1	.	.	1	1	1	.	1
$42042_3 = \chi_{50,0}$	4	2	2	1	1	1	2	1	.	1
$42042_4 = \chi_{50,1}$	4	2	2	1	1	1	2	1	.	1
$45045_1 = \chi_{53,0}$	3	1	1	.	1	1	1	1	1	1
$45045_2 = \chi_{53,1}$	3	1	1	.	1	1	1	1	1	1
$51975_1 = \chi_{56,0}$	5	4	2	1	2	3	2	1	.	2
$51975_2 = \chi_{56,1}$	5	4	2	1	2	3	2	1	.	2
$53625_1 = \chi_{57,0}$	5	3	2	1	1	2	3	2	.	2
$53625_2 = \chi_{57,1}$	5	3	2	1	1	2	3	2	.	2
$61425_1 = \chi_{61,0}$	5	2	2	.	1	2	3	2	1	2
$61425_2 = \chi_{61,1}$	5	2	2	.	1	2	3	2	1	2
$70070_1 = \chi_{63,0}$	6	4	2	1	2	3	2	1	1	2
$70070_2 = \chi_{63,1}$	6	4	2	1	2	3	2	1	1	2
$75075_1 = \chi_{64,0}$	3	2	1	1	.	.	.	1	.	.
$75075_2 = \chi_{64,1}$	3	2	1	1	.	.	.	1	.	.
$75075_3 = \chi_{65,0}$	7	4	2	1	2	3	3	2	1	2
$75075_4 = \chi_{65,1}$	7	4	2	1	2	3	3	2	1	2

(Block 1:)	$\varphi_{20,0}$	$\varphi_{13,0}$	$\varphi_{23,0}$	$\varphi_{28,0}$	$\varphi_{29,0}$
$19305_1 = \chi_{34,0}$	.	.	.	.	.
$19305_2 = \chi_{34,1}$	.	.	.	.	.
$21450_1 = \chi_{35,0}$	1	1	.	.	.
$21450_2 = \chi_{35,1}$	1	1	.	.	.
$22113_1 = \chi_{36,0}$	1	.	.	.	.
$22113_2 = \chi_{36,1}$	1	.	.	.	.
$24948_1 = \chi_{37,0}$	1	.	.	.	.
$24948_2 = \chi_{37,1}$	1	.	.	.	.
$25025_1 = \chi_{38,0}$	1	.	.	.	.
$25025_2 = \chi_{38,1}$	1	.	.	.	.
$25025_3 = \chi_{39,0}$	1	1	.	.	.
$25025_4 = \chi_{39,1}$	1	1	.	.	.
$25025_5 = \chi_{40,0}$	.	.	1	.	.
$25025_6 = \chi_{40,1}$	.	.	1	.	.
$26950_1 = \chi_{41,0}$	1	.	.	.	.
$26950_2 = \chi_{41,1}$	1	.	.	.	.
$27027_1 = \chi_{42,0}$	1	1	.	.	.
$27027_2 = \chi_{42,1}$	1	1	.	.	.
$28028_1 = \chi_{43,0}$	1	1	.	.	.
$28028_2 = \chi_{43,1}$	1	1	.	.	.
$34398_1 = \chi_{46,0}$	.	.	1	.	.
$34398_2 = \chi_{46,1}$	.	.	1	.	.
$35035_1 = \chi_{47,0}$	1	.	1	.	.
$35035_2 = \chi_{47,1}$	1	.	1	.	.
$42042_3 = \chi_{50,0}$	1	.	1	.	.
$42042_4 = \chi_{50,1}$	1	.	1	.	.
$45045_1 = \chi_{53,0}$	1	1	1	.	.
$45045_2 = \chi_{53,1}$	1	1	1	.	.
$51975_1 = \chi_{56,0}$	2	1	.	.	.
$51975_2 = \chi_{56,1}$	2	1	.	.	.
$53625_1 = \chi_{57,0}$	1	.	1	.	.
$53625_2 = \chi_{57,1}$	1	.	1	.	.
$61425_1 = \chi_{61,0}$	1	1	1	.	.
$61425_2 = \chi_{61,1}$	1	1	1	.	.
$70070_1 = \chi_{63,0}$	2	1	1	.	.
$70070_2 = \chi_{63,1}$	2	1	1	.	.
$75075_1 = \chi_{64,0}$	.	.	1	1	.
$75075_2 = \chi_{64,1}$	.	.	1	1	.
$75075_3 = \chi_{65,0}$	2	1	1	.	.
$75075_4 = \chi_{65,1}$	2	1	1	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{5,0}$	$\varphi_{7,0}$	$\varphi_{9,0}$	$\varphi_{11,0}$	$\varphi_{12,0}$	$\varphi_{14,0}$	$\varphi_{8,0}$	$\varphi_{16,0}$	$\varphi_{15,0}$
81081 ₁ = $\chi_{69,0}$	5	2	1	1	1	.	.	1	1	.
81081 ₂ = $\chi_{69,1}$	5	2	1	1	1	.	.	1	1	.
90090 ₁ = $\chi_{70,0}$	2	2	.	2	.	1	.	.	.	.
90090 ₂ = $\chi_{70,1}$	2	2	.	2	.	1	.	.	.	.
96525 ₁ = $\chi_{72,0}$	5	3	1	1	1	1	.	1	1	.
96525 ₂ = $\chi_{72,1}$	5	3	1	1	1	1	.	1	1	.
100100 ₅ = $\chi_{75,0}$	6	2	2	1	1	.	1	2	1	.
100100 ₆ = $\chi_{75,1}$	6	2	2	1	1	.	1	2	1	.
112112 ₁ = $\chi_{77,0}$	2	4	.	2	.	3	.	.	.	1
112112 ₂ = $\chi_{77,1}$	2	4	.	2	.	3	.	.	.	1
122850 ₁ = $\chi_{79,0}$	4	5	.	2	1	3	.	.	.	1
122850 ₂ = $\chi_{79,1}$	4	5	.	2	1	3	.	.	.	1
125125 ₁ = $\chi_{80,0}$	7	3	2	1	1	1	2	3	1	1
125125 ₂ = $\chi_{80,1}$	7	3	2	1	1	1	2	3	1	1
126126 ₁ = $\chi_{81,0}$	8	3	2	1	2	1	1	2	2	1
126126 ₂ = $\chi_{81,1}$	8	3	2	1	2	1	1	2	2	1
135135 ₁ = $\chi_{83,0}$	5	3	1	2	1	2	1	1	1	1
135135 ₂ = $\chi_{83,1}$	5	3	1	2	1	2	1	1	1	1
159250 ₁ = $\chi_{87,0}$	8	6	2	2	2	4	2	1	1	2
159250 ₂ = $\chi_{87,1}$	8	6	2	2	2	4	2	1	1	2
175175 ₁ = $\chi_{89,0}$	5	3	1	3	1	1	.	1	1	.
175175 ₂ = $\chi_{89,1}$	5	3	1	3	1	1	.	1	1	.
184275 ₁ = $\chi_{90,0}$	9	7	2	2	2	5	3	2	1	3
184275 ₂ = $\chi_{90,1}$	9	7	2	2	2	5	3	2	1	3
210210 ₁ = $\chi_{91,0}$	8	5	2	3	1	2	1	2	1	1
210210 ₂ = $\chi_{91,1}$	8	5	2	3	1	2	1	2	1	1
231660 ₁ = $\chi_{93,0}$	10	6	2	3	2	3	1	2	2	1
231660 ₂ = $\chi_{93,1}$	10	6	2	3	2	3	1	2	2	1
243243 ₁ = $\chi_{94,0}$	11	7	2	3	2	4	2	3	2	2
243243 ₂ = $\chi_{94,1}$	11	7	2	3	2	4	2	3	2	2

(Block 1:)	$\varphi_{20,0}$	$\varphi_{13,0}$	$\varphi_{23,0}$	$\varphi_{28,0}$	$\varphi_{29,0}$			
81081 ₁ = $\chi_{69,0}$	.	.	1	1	.			
81081 ₂ = $\chi_{69,1}$	.	.	1	1	.			
90090 ₁ = $\chi_{70,0}$	1	.	.	.	1			
90090 ₂ = $\chi_{70,1}$	1	.	.	.	1			
96525 ₁ = $\chi_{72,0}$	1	1	1	1	.			
96525 ₂ = $\chi_{72,1}$	1	1	1	1	.			
100100 ₅ = $\chi_{75,0}$	.	.	2	1	.			
100100 ₆ = $\chi_{75,1}$	.	.	2	1	.	$\varphi_{1,0}$	=	1 ₁
112112 ₁ = $\chi_{77,0}$	2	1	.	.	1	$\varphi_{5,0}$	=	90 ₁
112112 ₂ = $\chi_{77,1}$	2	1	.	.	1	$\varphi_{7,0}$	=	624 ₁
122850 ₁ = $\chi_{79,0}$	3	1	.	.	1	$\varphi_{9,0}$	=	910 ₁
122850 ₂ = $\chi_{79,1}$	3	1	.	.	1	$\varphi_{11,0}$	=	1300 ₁
125125 ₁ = $\chi_{80,0}$	1	1	2	1	.	$\varphi_{12,0}$	=	1912 ₁
125125 ₂ = $\chi_{80,1}$	1	1	2	1	.	$\varphi_{14,0}$	=	4172 ₁
126126 ₁ = $\chi_{81,0}$	1	1	2	1	.	$\varphi_{8,0}$	=	832 ₁
126126 ₂ = $\chi_{81,1}$	1	1	2	1	.	$\varphi_{16,0}$	=	4704 ₁
135135 ₁ = $\chi_{83,0}$	2	1	1	.	1	$\varphi_{15,0}$	=	4576 ₁
135135 ₂ = $\chi_{83,1}$	2	1	1	.	1	$\varphi_{20,0}$	=	9346 ₁
159250 ₁ = $\chi_{87,0}$	3	1	1	.	1	$\varphi_{13,0}$	=	4096 ₁
159250 ₂ = $\chi_{87,1}$	3	1	1	.	1	$\varphi_{23,0}$	=	13390 ₁
175175 ₁ = $\chi_{89,0}$	1	1	1	1	1	$\varphi_{28,0}$	=	59136 ₁
175175 ₂ = $\chi_{89,1}$	1	1	1	1	1	$\varphi_{29,0}$	=	76830 ₁
184275 ₁ = $\chi_{90,0}$	4	2	1	.	1			
184275 ₂ = $\chi_{90,1}$	4	2	1	.	1			
210210 ₁ = $\chi_{91,0}$	2	1	2	1	1			
210210 ₂ = $\chi_{91,1}$	2	1	2	1	1			
231660 ₁ = $\chi_{93,0}$	3	2	2	1	1			
231660 ₂ = $\chi_{93,1}$	3	2	2	1	1			
243243 ₁ = $\chi_{94,0}$	3	2	2	1	1			
243243 ₂ = $\chi_{94,1}$	3	2	2	1	1			

Block 2:	$\varphi_{2,0}$	$\varphi_{6,0}$	$\varphi_{10,0}$	φ_{3+}	$\varphi_{17,0}$	φ_{21+}	$\varphi_{24,0}$	$\varphi_{27,0}$	$\varphi_{26,0}$	φ_{18+}
$14_1 = \chi_{2,0}$	1	.	.	.	.	.	.	.	.	.
$14_2 = \chi_{2,1}$	1	.	.	.	.	.	.	.	.	.
$350_1 = \chi_{5,0}$	1	1	.	.	.	.	.	.	.	.
$350_2 = \chi_{5,1}$	1	1	.	.	.	.	.	.	.	.
$364_1 = \chi_{6,0}$	2	1	.	.	.	.	.	.	.	.
$364_2 = \chi_{6,1}$	2	1	.	.	.	.	.	.	.	.
$1430_1 = \chi_{10,0}$	1	.	1	1	.	.	.	.	.	.
$1430_2 = \chi_{10,1}$	1	.	1	1	.	.	.	.	.	.
$1638_1 = \chi_{11,0}$	1	1	1	.	.	.	.	.	.	.
$1638_2 = \chi_{11,1}$	1	1	1	.	.	.	.	.	.	.
$2002_3 = \chi_{16,0}$	3	2	1	.	.	.	.	.	.	.
$2002_4 = \chi_{16,1}$	3	2	1	.	.	.	.	.	.	.
$3432_1 = \chi_{12+}$	4	2	2	1	.	.	.	.	.	.
$9100_1 = \chi_{24,0}$	2	1	1	.	1	.	.	.	.	.
$9100_2 = \chi_{24,1}$	2	1	1	.	1	.	.	.	.	.
$9450_1 = \chi_{25,0}$	3	2	1	.	1	.	.	.	.	.
$9450_2 = \chi_{25,1}$	3	2	1	.	1	.	.	.	.	.
$11088_1 = \chi_{26,0}$	4	3	2	.	1	.	.	.	.	.
$11088_2 = \chi_{26,1}$	4	3	2	.	1	.	.	.	.	.
$24024_1 = \chi_{29+}$	4	2	.	.	.	1	.	.	.	.
$30030_1 = \chi_{44,0}$	1	.	1	1	1	.	1	.	.	.
$30030_2 = \chi_{44,1}$	1	.	1	1	1	.	1	.	.	.
$32032_1 = \chi_{45,0}$	.	.	.	.	.	.	.	1	.	.
$32032_2 = \chi_{45,1}$	.	.	.	.	.	.	.	1	.	.
$35100_1 = \chi_{48,0}$	2	1	2	1	.	.	.	1	.	.
$35100_2 = \chi_{48,1}$	2	1	2	1	.	.	.	1	.	.
$42042_1 = \chi_{49,0}$	5	2	2	.	1	.	.	.	1	.
$42042_2 = \chi_{49,1}$	5	2	2	.	1	.	.	.	1	.
$43120_1 = \chi_{51,0}$	4	3	2	.	1	.	.	1	.	.
$43120_2 = \chi_{51,1}$	4	3	2	.	1	.	.	1	.	.
$44550_1 = \chi_{52,0}$	5	3	3	1	1	.	.	1	.	.
$44550_2 = \chi_{52,1}$	5	3	3	1	1	.	.	1	.	.
$50050_1 = \chi_{54,0}$	1	.	1	1	.	.	.	.	1	1
$50050_2 = \chi_{54,1}$	1	.	1	1	.	.	.	.	1	1
$50050_3 = \chi_{55,0}$	5	3	1	1	.	1	.	.	.	.
$50050_4 = \chi_{55,1}$	5	3	1	1	.	1	.	.	.	.
$54054_1 = \chi_{58,0}$	5	2	1	1	1	1	1	.	.	.
$54054_2 = \chi_{58,1}$	5	2	1	1	1	1	1	.	.	.
$57330_1 = \chi_{59,0}$	3	1	1	1	.	.	.	.	1	.
$57330_2 = \chi_{59,1}$	3	1	1	1	.	.	.	.	1	.

(Block 2:)	$\varphi_{25,0}$
$14_1 = \chi_{2,0}$	.
$14_2 = \chi_{2,1}$	.
$350_1 = \chi_{5,0}$	.
$350_2 = \chi_{5,1}$	.
$364_1 = \chi_{6,0}$	.
$364_2 = \chi_{6,1}$	.
$1430_1 = \chi_{10,0}$	.
$1430_2 = \chi_{10,1}$	.
$1638_1 = \chi_{11,0}$	.
$1638_2 = \chi_{11,1}$	.
$2002_3 = \chi_{16,0}$	.
$2002_4 = \chi_{16,1}$	.
$3432_1 = \chi_{12+}$	.
$9100_1 = \chi_{24,0}$	.
$9100_2 = \chi_{24,1}$	.
$9450_1 = \chi_{25,0}$	.
$9450_2 = \chi_{25,1}$	.
$11088_1 = \chi_{26,0}$	.
$11088_2 = \chi_{26,1}$	.
$24024_1 = \chi_{29+}$	.
$30030_1 = \chi_{44,0}$	.
$30030_2 = \chi_{44,1}$	.
$32032_1 = \chi_{45,0}$	.
$32032_2 = \chi_{45,1}$	.
$35100_1 = \chi_{48,0}$	.
$35100_2 = \chi_{48,1}$	.
$42042_1 = \chi_{49,0}$	.
$42042_2 = \chi_{49,1}$	.
$43120_1 = \chi_{51,0}$	.
$43120_2 = \chi_{51,1}$	.
$44550_1 = \chi_{52,0}$	.
$44550_2 = \chi_{52,1}$	.
$50050_1 = \chi_{54,0}$	.
$50050_2 = \chi_{54,1}$	.
$50050_3 = \chi_{55,0}$	1
$50050_4 = \chi_{55,1}$	1
$54054_1 = \chi_{58,0}$	.
$54054_2 = \chi_{58,1}$	.
$57330_1 = \chi_{59,0}$	1
$57330_2 = \chi_{59,1}$	1

(Block 2:)	$\varphi_{2,0}$	$\varphi_{6,0}$	$\varphi_{10,0}$	φ_{3+}	$\varphi_{17,0}$	φ_{21+}	$\varphi_{24,0}$	$\varphi_{27,0}$	$\varphi_{26,0}$	φ_{18+}
$58968_1 = \chi_{60,0}$	4	2	2	1	.	.	.	.	1	.
$58968_2 = \chi_{60,1}$	4	2	2	1	.	.	.	.	1	.
$63700_1 = \chi_{62,0}$	2	1	2	1	1	.	1	1	.	.
$63700_2 = \chi_{62,1}$	2	1	2	1	1	.	1	1	.	.
$80080_1 = \chi_{68,0}$	6	3	2	2	1	1	1	.	.	.
$80080_2 = \chi_{68,1}$	6	3	2	2	1	1	1	.	.	.
$91000_1 = \chi_{71,0}$	4	2	2	1	.	.	.	1	1	.
$91000_2 = \chi_{71,1}$	4	2	2	1	.	.	.	1	1	.
$100100_1 = \chi_{73,0}$	6	3	2	2	.	1	.	.	1	1
$100100_2 = \chi_{73,1}$	6	3	2	2	.	1	.	.	1	1
$100100_3 = \chi_{74,0}$	6	3	3	1	1	.	.	1	1	.
$100100_4 = \chi_{74,1}$	6	3	3	1	1	.	.	1	1	.
$108108_1 = \chi_{76,0}$	2	1	2	2	.	.	.	1	1	1
$108108_2 = \chi_{76,1}$	2	1	2	2	.	.	.	1	1	1
$112112_3 = \chi_{78,0}$	6	3	2	2	1	1	1	1	.	.
$112112_4 = \chi_{78,1}$	6	3	2	2	1	1	1	1	.	.
$128700_1 = \chi_{82,0}$	6	3	2	2	1	1	1	.	1	1
$128700_2 = \chi_{82,1}$	6	3	2	2	1	1	1	.	1	1
$150150_1 = \chi_{86,0}$	7	3	4	2	1	.	.	1	2	1
$150150_2 = \chi_{86,1}$	7	3	4	2	1	.	.	1	2	1
$156000_1 = \chi_{66+}$	8	4	2	2	.	1	.	.	2	1
$162162_1 = \chi_{88,0}$	7	3	3	3	1	1	1	1	1	1
$162162_2 = \chi_{88,1}$	7	3	3	3	1	1	1	1	1	1
$221130_1 = \chi_{92,0}$	11	5	5	4	1	1	1	1	2	1
$221130_2 = \chi_{92,1}$	11	5	5	4	1	1	1	1	2	1

(Block 2:)	$\varphi_{25,0}$		
$58968_1 = \chi_{60,0}$	1		
$58968_2 = \chi_{60,1}$	1		
$63700_1 = \chi_{62,0}$	.		
$63700_2 = \chi_{62,1}$	.		
$80080_1 = \chi_{68,0}$	1		
$80080_2 = \chi_{68,1}$	1		
$91000_1 = \chi_{71,0}$	1	$\varphi_{2,0} = 14_1$	
$91000_2 = \chi_{71,1}$	1	$\varphi_{6,0} = 336_1$	
$100100_1 = \chi_{73,0}$	1	$\varphi_{10,0} = 1288_1$	
$100100_2 = \chi_{73,1}$	1	$\varphi_{3+} = 128_1$	
$100100_3 = \chi_{74,0}$	1	$\varphi_{17,0} = 7448_1$	
$100100_4 = \chi_{74,1}$	1	$\varphi_{21+} = 23296_1$	
$108108_1 = \chi_{76,0}$	1	$\varphi_{24,0} = 21152_1$	
$108108_2 = \chi_{76,1}$	1	$\varphi_{27,0} = 32032_1$	
$112112_3 = \chi_{78,0}$	1	$\varphi_{26,0} = 31276_1$	
$112112_4 = \chi_{78,1}$	1	$\varphi_{18+} = 17344_1$	
$128700_1 = \chi_{82,0}$	1	$\varphi_{25,0} = 24260_1$	
$128700_2 = \chi_{82,1}$	1		
$150150_1 = \chi_{86,0}$	1		
$150150_2 = \chi_{86,1}$	1		
$156000_1 = \chi_{66+}$	2		
$162162_1 = \chi_{88,0}$	1		
$162162_2 = \chi_{88,1}$	1		
$221130_1 = \chi_{92,0}$	2		
$221130_2 = \chi_{92,1}$	2		