

$A_{16}.2 \pmod{7}$

	blocks	defect	matrix
$G :$	1	2	35×27
	2	2	35×27
	3	1	7×6
	4	1	7×6
	5	1	7×6
	6	1	7×6
	7	1	7×6
	8	1	7×6
	9	1	7×6
	10	1	7×6
	11	1	7×6
	12	0	$2548_1 = \chi_{11,0}, \varphi_{12,0}$
	13	0	$2548_2 = \chi_{11,1}, \varphi_{12,1}$
	14	1	7×6
	15	1	7×6
	16	1	7×6
	17	1	7×6
	18	1	7×6
	19	1	7×6
	20	1	7×6
	21	0	$38220_1 = \chi_{39,0}, \varphi_{44,0}$
	22	0	$38220_2 = \chi_{39,1}, \varphi_{44,1}$
	23	0	$42042_1 = \chi_{29+}, \varphi_{29+}$
	24	0	$43120_1 = \chi_{41,0}, \varphi_{45,0}$
	25	0	$43120_2 = \chi_{41,1}, \varphi_{45,1}$
	26	0	$76440_1 = \chi_{52,0}, \varphi_{55,0}$
	27	0	$76440_2 = \chi_{52,1}, \varphi_{55,1}$
	28	0	$91728_1 = \chi_{57,0}, \varphi_{57,0}$
	29	0	$91728_2 = \chi_{57,1}, \varphi_{57,1}$
	30	0	$112112_1 = \chi_{60,0}, \varphi_{59,0}$
	31	0	$112112_2 = \chi_{60,1}, \varphi_{59,1}$
	32	0	$112112_3 = \chi_{61,0}, \varphi_{60,0}$
	33	0	$112112_4 = \chi_{61,1}, \varphi_{60,1}$
	34	0	$114660_1 = \chi_{63,0}, \varphi_{61,0}$

	blocks	defect	matrix
	35	0	$114660_2 = \chi_{63,1}, \varphi_{61,1}$
	36	0	$140140_1 = \chi_{68,0}, \varphi_{69,0}$
	37	0	$140140_2 = \chi_{68,1}, \varphi_{69,1}$
	38	0	$155232_1 = \chi_{71,0}, \varphi_{72,0}$
	39	0	$155232_2 = \chi_{71,1}, \varphi_{72,1}$
	40	0	$168168_1 = \chi_{72,0}, \varphi_{73,1}$
	41	0	$168168_2 = \chi_{72,1}, \varphi_{73,0}$
	42	0	$194040_1 = \chi_{77,0}, \varphi_{76,0}$
	43	0	$194040_2 = \chi_{77,1}, \varphi_{76,1}$
	44	0	$206388_1 = \chi_{83,0}, \varphi_{82,0}$
	45	0	$206388_2 = \chi_{83,1}, \varphi_{82,1}$
	46	0	$210210_1 = \chi_{84,0}, \varphi_{83,0}$
	47	0	$210210_2 = \chi_{84,1}, \varphi_{83,1}$
	48	0	$280280_1 = \chi_{90,0}, \varphi_{87,0}$
	49	0	$280280_2 = \chi_{90,1}, \varphi_{87,1}$
	50	0	$280280_3 = \chi_{91,0}, \varphi_{88,0}$
	51	0	$280280_4 = \chi_{91,1}, \varphi_{88,1}$
	52	0	$305760_1 = \chi_{94,0}, \varphi_{91,0}$
	53	0	$305760_2 = \chi_{94,1}, \varphi_{91,1}$
	54	0	$318500_1 = \chi_{95,0}, \varphi_{92,0}$
	55	0	$318500_2 = \chi_{95,1}, \varphi_{92,1}$
	56	0	$336336_1 = \chi_{97,0}, \varphi_{93,0}$
	57	0	$336336_2 = \chi_{97,1}, \varphi_{93,1}$
	58	0	$404250_1 = \chi_{81+}, \varphi_{80+}$
	59	0	$448448_1 = \chi_{105,0}, \varphi_{96,0}$
	60	0	$448448_2 = \chi_{105,1}, \varphi_{96,1}$
	61	0	$515970_1 = \chi_{111,0}, \varphi_{101,0}$
	62	0	$515970_2 = \chi_{111,1}, \varphi_{101,1}$
	63	0	$630630_1 = \chi_{116,0}, \varphi_{102,0}$
	64	0	$630630_2 = \chi_{116,1}, \varphi_{102,1}$
	65	0	$630630_3 = \chi_{117,0}, \varphi_{103,0}$
	66	0	$630630_4 = \chi_{117,1}, \varphi_{103,1}$
	67	0	$928746_1 = \chi_{106+}, \varphi_{97+}$

[illegible]

[illegible]

(Block 1:)	$\varphi_{50,0}$	$\varphi_{52,1}$	$\varphi_{67,1}$	$\varphi_{71,1}$	$\varphi_{74,1}$	$\varphi_{78,1}$	$\varphi_{79,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.
$15_2 = \chi_{2,1}$	.	.	.	.	.	.	.
$104_2 = \chi_{3,1}$	.	.	.	.	.	.	.
$440_1 = \chi_{5,0}$	.	.	.	.	.	.	.
$1430_2 = \chi_{10,1}$	.	.	.	.	.	.	.
$2640_2 = \chi_{12,1}$	.	.	.	.	.	.	.
$3432_1 = \chi_{14,0}$	.	.	.	.	.	.	.
$3900_1 = \chi_{16,0}$	.	.	.	.	.	.	.
$6435_1 = \chi_{19,0}$	.	.	.	.	.	.	.
$14300_2 = \chi_{25,1}$	.	.	.	.	.	.	.
$16848_1 = \chi_{26,0}$	.	.	.	.	.	.	.
$24960_1 = \chi_{34,0}$	.	.	.	.	.	.	.
$36608_1 = \chi_{38,0}$	.	.	.	.	.	.	.
$42120_2 = \chi_{40,1}$	.	.	.	.	.	.	.
$45760_1 = \chi_{42,0}$	.	.	.	.	.	.	.
$51480_1 = \chi_{43,0}$	.	.	.	.	.	.	.
$68640_2 = \chi_{47,1}$	.	1	.	.	.	.	.
$71500_1 = \chi_{49,0}$	.	.	.	.	.	.	.
$82368_2 = \chi_{54,1}$	.	.	.	.	.	.	.
$85800_1 = \chi_{55,0}$	.	.	.	.	.	.	.
$91520_2 = \chi_{56,1}$	.	1	.	.	.	.	.
$105600_1 = \chi_{59,0}$	.	.	.	.	.	.	.
$114400_2 = \chi_{62,1}$	1	.	.	.	.	.	.
$115830_1 = \chi_{64,0}$	1	.	.	.	.	.	.
$171600_2 = \chi_{73,1}$	.	.	1	.	.	.	.
$231660_1 = \chi_{85,0}$	.	.	.	.	.	.	1
$266240_2 = \chi_{89,1}$	.	1	.	.	1	.	.
$292864_1 = \chi_{92,0}$	.	.	.	.	.	.	1
$337920_2 = \chi_{98,1}$	1	.	.	.	.	1	.
$411840_1 = \chi_{101,0}$	.	.	.	1	.	.	1
$416988_2 = \chi_{102,1}$	.	1	1	.	1	.	.
$429000_2 = \chi_{103,1}$	.	.	.	.	1	1	.
$429000_4 = \chi_{104,1}$	1	.	.	1	.	1	.
$549120_1 = \chi_{112,0}$	.	.	1	1	.	.	1
$673920_2 = \chi_{120,1}$	.	.	1	1	1	1	.

$\varphi_{1,0}$	=	1_1	$\varphi_{38,0}$	=	30173_1
$\varphi_{2,1}$	=	15_2	$\varphi_{39,1}$	=	30371_2
$\varphi_{3,1}$	=	89_2	$\varphi_{41,0}$	=	32373_1
$\varphi_{5,0}$	=	439_1	$\varphi_{42,0}$	=	33413_1
$\varphi_{9,1}$	=	1341_2	$\varphi_{43,0}$	=	36586_1
$\varphi_{13,1}$	=	2551_2	$\varphi_{49,1}$	=	51997_2
$\varphi_{14,0}$	=	2993_1	$\varphi_{50,0}$	=	55968_1
$\varphi_{16,0}$	=	3461_1	$\varphi_{52,1}$	=	64644_2
$\varphi_{19,0}$	=	6435_1	$\varphi_{67,1}$	=	136846_2
$\varphi_{23,1}$	=	11749_2	$\varphi_{71,1}$	=	150194_2
$\varphi_{25,0}$	=	13387_1	$\varphi_{74,1}$	=	187296_2
$\varphi_{28,0}$	=	18066_1	$\varphi_{78,1}$	=	199584_2
$\varphi_{33,0}$	=	23254_1	$\varphi_{79,0}$	=	201806_1
$\varphi_{36,1}$	=	26861_2			

[illegible]

[illegible]

(Block 2:)	$\varphi_{50,1}$	$\varphi_{52,0}$	$\varphi_{67,0}$	$\varphi_{71,0}$	$\varphi_{74,0}$	$\varphi_{78,0}$	$\varphi_{79,1}$
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.
$15_1 = \chi_{2,0}$	.	.	.	.	.	.	.
$104_1 = \chi_{3,0}$	.	.	.	.	.	.	.
$440_2 = \chi_{5,1}$	.	.	.	.	.	.	.
$1430_1 = \chi_{10,0}$	.	.	.	.	.	.	.
$2640_1 = \chi_{12,0}$	.	.	.	.	.	.	.
$3432_2 = \chi_{14,1}$	.	.	.	.	.	.	.
$3900_2 = \chi_{16,1}$	.	.	.	.	.	.	.
$6435_2 = \chi_{19,1}$	.	.	.	.	.	.	.
$14300_1 = \chi_{25,0}$	.	.	.	.	.	.	.
$16848_2 = \chi_{26,1}$	.	.	.	.	.	.	.
$24960_2 = \chi_{34,1}$	.	.	.	.	.	.	.
$36608_2 = \chi_{38,1}$	.	.	.	.	.	.	.
$42120_1 = \chi_{40,0}$	.	.	.	.	.	.	.
$45760_2 = \chi_{42,1}$	.	.	.	.	.	.	.
$51480_2 = \chi_{43,1}$	.	.	.	.	.	.	.
$68640_1 = \chi_{47,0}$	.	1	.	.	.	.	.
$71500_2 = \chi_{49,1}$	.	.	.	.	.	.	.
$82368_1 = \chi_{54,0}$	.	.	.	.	.	.	.
$85800_2 = \chi_{55,1}$	.	.	.	.	.	.	.
$91520_1 = \chi_{56,0}$	.	1	.	.	.	.	.
$105600_2 = \chi_{59,1}$	.	.	.	.	.	.	.
$114400_1 = \chi_{62,0}$	1	.	.	.	.	.	.
$115830_2 = \chi_{64,1}$	1	.	.	.	.	.	.
$171600_1 = \chi_{73,0}$	.	.	1	.	.	.	.
$231660_2 = \chi_{85,1}$	.	.	.	.	.	.	1
$266240_1 = \chi_{89,0}$	.	1	.	.	1	.	.
$292864_2 = \chi_{92,1}$	.	.	.	.	.	.	1
$337920_1 = \chi_{98,0}$	1	.	.	.	.	1	.
$411840_2 = \chi_{101,1}$	.	.	.	1	.	.	1
$416988_1 = \chi_{102,0}$	.	1	1	.	1	.	.
$429000_1 = \chi_{103,0}$	.	.	.	.	1	1	.
$429000_3 = \chi_{104,0}$	1	.	.	1	.	1	.
$549120_2 = \chi_{112,1}$	.	.	1	1	.	.	1
$673920_1 = \chi_{120,0}$	.	.	1	1	1	1	.

Block 6:	$\varphi_{6,1}$	$\varphi_{15,0}$	$\varphi_{40,1}$	$\varphi_{63,1}$	$\varphi_{77,0}$	$\varphi_{94,0}$
$455_2 = \chi_{6,1}$	1	.	.	.	.	.
$3003_1 = \chi_{13,0}$	.	1	.	.	.	.
$32032_2 = \chi_{36,1}$	1	.	1	.	.	.
$150150_4 = \chi_{70,1}$	.	.	1	1	.	.
$200200_3 = \chi_{80,0}$	.	1	.	.	1	.
$480480_2 = \chi_{108,1}$	.	.	.	1	.	1
$559104_1 = \chi_{113,0}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_{6,1} &= 455_2 \\
\varphi_{15,0} &= 3003_1 \\
\varphi_{40,1} &= 31577_2 \\
\varphi_{63,1} &= 118573_2 \\
\varphi_{77,0} &= 197197_1 \\
\varphi_{94,0} &= 361907_1
\end{aligned}$$

Block 7:	$\varphi_{7,0}$	$\varphi_{27,0}$	$\varphi_{34,1}$	$\varphi_{70,1}$	$\varphi_{99,0}$	$\varphi_{104,0}$
$896_1 = \chi_{7,0}$	1	.	.	.	.	.
$18018_1 = \chi_{27,0}$	1	1	.	.	.	.
$24024_3 = \chi_{33,1}$	.	.	1	.	.	.
$173250_2 = \chi_{74,1}$	.	.	1	1	.	.
$500500_1 = \chi_{109,0}$	.	1	.	.	1	.
$819000_2 = \chi_{122,1}$	.	.	.	1	.	1
$1153152_1 = \chi_{123,0}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_{7,0} &= 896_1 \\
\varphi_{27,0} &= 17122_1 \\
\varphi_{34,1} &= 24024_2 \\
\varphi_{70,1} &= 149226_2 \\
\varphi_{99,0} &= 483378_1 \\
\varphi_{104,0} &= 669774_1
\end{aligned}$$

Block 8:	$\varphi_{7,1}$	$\varphi_{27,1}$	$\varphi_{34,0}$	$\varphi_{70,0}$	$\varphi_{99,1}$	$\varphi_{104,1}$
$896_2 = \chi_{7,1}$	1	.	.	.	.	.
$18018_2 = \chi_{27,1}$	1	1	.	.	.	.
$24024_2 = \chi_{33,0}$	.	.	1	.	.	.
$173250_1 = \chi_{74,0}$	.	.	1	1	.	.
$500500_2 = \chi_{109,1}$	.	1	.	.	1	.
$819000_1 = \chi_{122,0}$	.	.	.	1	.	1
$1153152_2 = \chi_{123,1}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_{7,1} &= 896_2 \\
\varphi_{27,1} &= 17122_2 \\
\varphi_{34,0} &= 24024_1 \\
\varphi_{70,0} &= 149226_1 \\
\varphi_{99,1} &= 483378_2 \\
\varphi_{104,1} &= 669774_2
\end{aligned}$$

Block 9:	$\varphi_{8,0}$	$\varphi_{11,0}$	$\varphi_{51,0}$	$\varphi_{56,1}$	$\varphi_{86,1}$	$\varphi_{90,1}$
$1260_1 = \chi_{8,0}$	1	.	.	.	.	.
$3640_1 = \chi_{15,0}$	1	1	.	.	.	.
$60060_3 = \chi_{45,0}$	.	1	1	.	.	.
$80640_2 = \chi_{53,1}$	.	.	.	1	.	.
$360360_2 = \chi_{99,1}$	.	.	.	1	1	.
$360360_4 = \chi_{100,1}$	.	.	1	.	.	1
$582400_2 = \chi_{114,1}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_{8,0} &= 1260_1 \\
\varphi_{11,0} &= 2380_1 \\
\varphi_{51,0} &= 57680_1 \\
\varphi_{56,1} &= 80640_2 \\
\varphi_{86,1} &= 279720_2 \\
\varphi_{90,1} &= 302680_2
\end{aligned}$$

Block 10:	$\varphi_{8,1}$	$\varphi_{11,1}$	$\varphi_{51,1}$	$\varphi_{56,0}$	$\varphi_{86,0}$	$\varphi_{90,0}$
$1260_2 = \chi_{8,1}$	1	.	.	.	.	.
$3640_2 = \chi_{15,1}$	1	1	.	.	.	.
$60060_4 = \chi_{45,1}$	.	1	1	.	.	.
$80640_1 = \chi_{53,0}$	.	.	.	1	.	.
$360360_1 = \chi_{99,0}$	.	.	.	1	1	.
$360360_3 = \chi_{100,0}$	.	.	1	.	.	1
$582400_1 = \chi_{114,0}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_{8,1} &= 1260_2 \\
\varphi_{11,1} &= 2380_2 \\
\varphi_{51,1} &= 57680_2 \\
\varphi_{56,0} &= 80640_1 \\
\varphi_{86,0} &= 279720_1 \\
\varphi_{90,0} &= 302680_1
\end{aligned}$$

Block 11:	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{62,0}$	$\varphi_{62,1}$	$\varphi_{64,0}$	$\varphi_{64,1}$
$1365_1 = \chi_{9,0}$	1	.	.	.	.	.
$1365_2 = \chi_{9,1}$	.	1	.	.	.	.
$116480_1 = \chi_{65,0}$	1	.	1	.	.	.
$116480_2 = \chi_{65,1}$	.	1	.	1	.	.
$240240_3 = \chi_{87,0}$	.	.	1	.	1	.
$240240_4 = \chi_{87,1}$	.	.	.	1	.	1
$250250_1 = \chi_{66+}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_{10,0} &= 1365_1 \\
\varphi_{10,1} &= 1365_2 \\
\varphi_{62,0} &= 115115_1 \\
\varphi_{62,1} &= 115115_2 \\
\varphi_{64,0} &= 125125_1 \\
\varphi_{64,1} &= 125125_2
\end{aligned}$$

Block 14:	$\varphi_{17,0}$	$\varphi_{22,1}$	$\varphi_{53,0}$	$\varphi_{65,0}$	$\varphi_{68,1}$	$\varphi_{100,1}$
$4004_1 = \chi_{17,0}$	1	.	.	.	.	.
$11648_2 = \chi_{21,1}$	.	1	.	.	.	.
$73710_1 = \chi_{51,0}$	1	.	1	.	.	.
$150150_2 = \chi_{69,1}$	.	1	.	.	1	.
$200200_1 = \chi_{79,0}$	.	.	1	1	.	.
$640640_2 = \chi_{118,1}$	.	.	.	1	.	1
$648648_2 = \chi_{119,1}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_{17,0} &= 4004_1 \\
\varphi_{22,1} &= 11648_2 \\
\varphi_{53,0} &= 69706_1 \\
\varphi_{65,0} &= 130494_1 \\
\varphi_{68,1} &= 138502_2 \\
\varphi_{100,1} &= 510146_2
\end{aligned}$$

Block 15:	$\varphi_{17,1}$	$\varphi_{22,0}$	$\varphi_{53,1}$	$\varphi_{65,1}$	$\varphi_{68,0}$	$\varphi_{100,0}$
$4004_2 = \chi_{17,1}$	1	.	.	.	.	.
$11648_1 = \chi_{21,0}$	.	1	.	.	.	.
$73710_2 = \chi_{51,1}$	1	.	1	.	.	.
$150150_1 = \chi_{69,0}$	.	1	.	.	1	.
$200200_2 = \chi_{79,1}$	.	.	1	1	.	.
$640640_1 = \chi_{118,0}$	.	.	.	1	.	1
$648648_1 = \chi_{119,0}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_{17,1} &= 4004_2 \\
\varphi_{22,0} &= 11648_1 \\
\varphi_{53,1} &= 69706_2 \\
\varphi_{65,1} &= 130494_2 \\
\varphi_{68,0} &= 138502_1 \\
\varphi_{100,0} &= 510146_1
\end{aligned}$$

Block 16:	$\varphi_{20,0}$	$\varphi_{21,0}$	$\varphi_{32,1}$	$\varphi_{35,0}$	$\varphi_{84,1}$	$\varphi_{85,1}$
$10752_1 = \chi_{20,0}$	.	1	.	.	.	.
$20020_1 = \chi_{28,0}$	1	1	.	.	.	.
$23100_2 = \chi_{32,1}$	.	.	1	.	.	.
$36036_1 = \chi_{37,0}$	1	.	.	1	.	.
$262080_2 = \chi_{88,1}$	.	.	1	.	1	.
$300300_2 = \chi_{93,1}$	.	.	.	1	.	1
$512512_2 = \chi_{110,1}$	.	.	.	.	1	1

$\varphi_{20,0}$	=	9268 ₁
$\varphi_{21,0}$	=	10752 ₁
$\varphi_{32,1}$	=	23100 ₂
$\varphi_{35,0}$	=	26768 ₁
$\varphi_{84,1}$	=	238980 ₂
$\varphi_{85,1}$	=	273532 ₂

Block 17:	$\varphi_{20,1}$	$\varphi_{21,1}$	$\varphi_{32,0}$	$\varphi_{35,1}$	$\varphi_{84,0}$	$\varphi_{85,0}$
$10752_2 = \chi_{20,1}$	.	1	.	.	.	.
$20020_2 = \chi_{28,1}$	1	1	.	.	.	.
$23100_1 = \chi_{32,0}$	.	.	1	.	.	.
$36036_2 = \chi_{37,1}$	1	.	.	1	.	.
$262080_1 = \chi_{88,0}$	.	.	1	.	1	.
$300300_1 = \chi_{93,0}$	.	.	.	1	.	1
$512512_1 = \chi_{110,0}$	.	.	.	.	1	1

$\varphi_{20,1}$	=	9268 ₂
$\varphi_{21,1}$	=	10752 ₂
$\varphi_{32,0}$	=	23100 ₁
$\varphi_{35,1}$	=	26768 ₂
$\varphi_{84,0}$	=	238980 ₁
$\varphi_{85,0}$	=	273532 ₁

Block 18:	$\varphi_{26,0}$	$\varphi_{47,0}$	$\varphi_{48,0}$	$\varphi_{54,1}$	$\varphi_{58,1}$	$\varphi_{66,1}$
$13860_1 = \chi_{24,0}$	1	.	.	.	.	.
$65520_1 = \chi_{46,0}$	1	.	1	.	.	.
$71680_2 = \chi_{50,1}$	.	.	.	1	.	.
$100100_1 = \chi_{58,0}$	.	1	1	.	.	.
$180180_2 = \chi_{75,1}$	.	.	.	1	1	.
$180180_4 = \chi_{76,1}$	.	1	.	.	.	1
$240240_2 = \chi_{86,1}$	.	.	.	.	1	1

$\varphi_{26,0}$	=	13860 ₁
$\varphi_{47,0}$	=	48440 ₁
$\varphi_{48,0}$	=	51660 ₁
$\varphi_{54,1}$	=	71680 ₂
$\varphi_{58,1}$	=	108500 ₂
$\varphi_{66,1}$	=	131740 ₂

Block 19:	$\varphi_{26,1}$	$\varphi_{47,1}$	$\varphi_{48,1}$	$\varphi_{54,0}$	$\varphi_{58,0}$	$\varphi_{66,0}$
$13860_2 = \chi_{24,1}$	1	.	.	.	.	.
$65520_2 = \chi_{46,1}$	1	.	1	.	.	.
$71680_1 = \chi_{50,0}$	.	.	.	1	.	.
$100100_2 = \chi_{58,1}$	.	1	1	.	.	.
$180180_1 = \chi_{75,0}$	.	.	.	1	1	.
$180180_3 = \chi_{76,0}$	.	1	.	.	.	1
$240240_1 = \chi_{86,0}$	.	.	.	.	1	1

$\varphi_{26,1}$	=	13860 ₂
$\varphi_{47,1}$	=	48440 ₂
$\varphi_{48,1}$	=	51660 ₂
$\varphi_{54,0}$	=	71680 ₁
$\varphi_{58,0}$	=	108500 ₁
$\varphi_{66,0}$	=	131740 ₁

Block 20:	$\varphi_{24,0}$	$\varphi_{24,1}$	$\varphi_{31,0}$	$\varphi_{31,1}$	$\varphi_{46,0}$	$\varphi_{46,1}$		
$21840_1 = \chi_{31,0}$	.	.	1	.	.	.	$\varphi_{24,0} =$	12012_1
$21840_2 = \chi_{31,1}$	.	.	.	1	.	.	$\varphi_{24,1} =$	12012_2
$24024_1 = \chi_{22+}$	1	1	.	.	.	.	$\varphi_{31,0} =$	21840_1
$60060_1 = \chi_{44,0}$	1	.	.	.	1	.	$\varphi_{31,1} =$	21840_2
$60060_2 = \chi_{44,1}$	.	1	.	.	.	1	$\varphi_{46,0} =$	48048_1
$69888_1 = \chi_{48,0}$	.	.	1	.	1	.	$\varphi_{46,1} =$	48048_2
$69888_2 = \chi_{48,1}$	.	.	.	1	.	1		