$Suz.2$ (mod 11)

	blocks	defect	matrix
$G:$	1	1	11×10
	2	1	11×10
	3	0	$143_1 = \chi_{2,0}, \varphi_{2,0}$
	4	0	$143_2 = \chi_{2,1}, \varphi_{2,1}$
	5	0	$1001_1 = \chi_{5,0}, \varphi_{5,0}$
	6	0	$1001_2 = \chi_{5,1}, \varphi_{5,1}$
	7	0	$3432_1 = \chi_{6,0}, \varphi_{6,0}$
	8	0	$3432_2 = \chi_{6,1}, \varphi_{6,1}$
	9	0	$10010_1 = \chi_{7+}, \varphi_{7+}$
	10	0	$5940_1 = \chi_{9,0}, \varphi_{9,0}$
	11	0	$5940_2 = \chi_{9,1}, \varphi_{9,1}$
	12	0	$10725_1 = \chi_{10,0}, \varphi_{10,0}$
	13	0	$10725_2 = \chi_{10,1}, \varphi_{10,1}$
	14	0	$12012_1 = \chi_{11,0}, \varphi_{11,0}$
	15	0	$12012_2 = \chi_{11,1}, \varphi_{11,1}$
	16	0	$14300_1 = \chi_{12,0}, \varphi_{12,0}$
	17	0	$14300_2 = \chi_{12,1}, \varphi_{12,1}$
	18	0	$30030_1 = \chi_{13+}, \varphi_{13+}$
	19	0	$25025_1 = \chi_{17,0}, \varphi_{17,0}$
	20	0	$25025_2 = \chi_{17,1}, \varphi_{17,1}$
	21	0	$50050_1 = \chi_{18+}, \varphi_{18+}$
	22	0	$40040_1 = \chi_{20,0}, \varphi_{20,0}$
	23	0	$40040_2 = \chi_{20,1}, \varphi_{20,1}$
	24	0	$100100_1 = \chi_{21+}, \varphi_{23+}$
	25	0	$54054_1 = \chi_{23,0}, \varphi_{25,0}$
	26	0	$54054_2 = \chi_{23,1}, \varphi_{25,1}$
	27	0	$64064_1 = \chi_{24,0}, \varphi_{26,0}$
	28	0	$64064_2 = \chi_{24,1}, \varphi_{26,1}$
	29	0	$128700_1 = \chi_{25+}, \varphi_{27+}$
	30	0	$75075_1 = \chi_{28,0}, \varphi_{30,0}$
	31	0	$75075_2 = \chi_{28,1}, \varphi_{30,1}$
	32	0	$187110_1 = \chi_{31+}, \varphi_{31+}$
	33	0	$100100_2 = \chi_{33,0}, \varphi_{33,0}$
	34	0	$100100_3 = \chi_{33,1}, \varphi_{33,1}$
	35	0	$133056_1 = \chi_{34,0}, \varphi_{36,0}$
	36	0	$133056_2 = \chi_{34,1}, \varphi_{36,1}$
	37	0	$146432_1 = \chi_{35,0}, \varphi_{37,0}$
	38	0	$146432_2 = \chi_{35,1}, \varphi_{37,1}$
	39	0	$168960_1 = \chi_{37,0}, \varphi_{38,0}$
	40	0	$168960_2 = \chi_{37,1}, \varphi_{38,1}$

	blocks	defect	matrix
	41	0	$193050_1 = \chi_{39,0}, \varphi_{39,0}$
	42	0	$193050_2 = \chi_{39,1}, \varphi_{39,1}$
	43	0	$197120_1 = \chi_{40,0}, \varphi_{40,0}$
	44	0	$197120_2 = \chi_{40,1}, \varphi_{40,1}$
	45	0	$208494_1 = \chi_{41,0}, \varphi_{41,0}$
	46	0	$208494_2 = \chi_{41,1}, \varphi_{41,1}$
	47	0	$243243_1 = \chi_{42,0}, \varphi_{42,0}$
	48	0	$243243_2 = \chi_{42,1}, \varphi_{42,1}$
$2.G:$	49	0	$220_1 = \chi_{44,0}, \varphi_{43,0}$
	$50 = \overline{49}$	0	$220_2 = \chi_{44,1}, \varphi_{43,1}$
	51	1	7×5
	52	0	$1144_1 = \chi_{47+}, \varphi_{46+}$
	53	0	$4928_1 = \chi_{49,0}, \varphi_{48,0}$
	$54 = \overline{53}$	0	$4928_2 = \chi_{49,1}, \varphi_{48,1}$
	55	0	$32032_1 = \chi_{50+}, \varphi_{49+}$
	56	0	$20020_1 = \chi_{52,0}, \varphi_{53,0}$
	$57 = \overline{56}$	0	$20020_2 = \chi_{52,1}, \varphi_{53,1}$
	58	0	$20020_3 = \chi_{53,0}, \varphi_{54,0}$
	$59 = \overline{58}$	0	$20020_4 = \chi_{53,1}, \varphi_{54,1}$
	60	0	$120120_1 = \chi_{58+}, \varphi_{61+}$
	61	0	$80080_1 = \chi_{64,0}, \varphi_{63,0}$
	$62 = \overline{61}$	0	$80080_2 = \chi_{64,1}, \varphi_{63,1}$
	63	0	$80080_3 = \chi_{65,0}, \varphi_{64,0}$
	$64 = \overline{63}$	0	$80080_4 = \chi_{65,1}, \varphi_{64,1}$
	65	0	$100100_4 = \chi_{66,0}, \varphi_{65,0}$
	$66 = \overline{65}$	0	$100100_5 = \chi_{66,1}, \varphi_{65,1}$
	67	0	$128128_1 = \chi_{68,0}, \varphi_{66,0}$
	$68 = \overline{67}$	0	$128128_2 = \chi_{68,1}, \varphi_{66,1}$
	69	0	$137280_1 = \chi_{69,0}, \varphi_{67,0}$
	$70 = \overline{69}$	0	$137280_2 = \chi_{69,1}, \varphi_{67,1}$
	71	0	$288288_1 = \chi_{70+}, \varphi_{68+}$
	72	0	$192192_1 = \chi_{72,0}, \varphi_{70,0}$
	$73 = \overline{72}$	0	$192192_2 = \chi_{72,1}, \varphi_{70,1}$
	74	0	$197120_3 = \chi_{73,0}, \varphi_{71,0}$
	$75 = \overline{74}$	0	$197120_4 = \chi_{73,1}, \varphi_{71,1}$
	76	0	$228800_1 = \chi_{74,0}, \varphi_{72,0}$
	$77 = \overline{76}$	0	$228800_2 = \chi_{74,1}, \varphi_{72,1}$
	78	0	$277200_1 = \chi_{75,0}, \varphi_{73,0}$
	$79 = \overline{78}$	0	$277200_2 = \chi_{75,1}, \varphi_{73,1}$
	80	0	$315392_1 = \chi_{76,0}, \varphi_{74,0}$

	blocks	defect	matrix
	$81 = \overline{80}$	0	$315392_2 = \chi_{76,1}, \varphi_{74,1}$
$3.G:$	82	0	$132_1 = \chi_{77+}, \varphi_{75+}$
	83	1	11×10
	84	0	$858_1 = \chi_{79+}, \varphi_{77+}$
	85	0	$3432_3 = \chi_{81+}, \varphi_{79+}$
	86	0	$4290_1 = \chi_{82+}, \varphi_{80+}$
	87	0	$6006_1 = \chi_{85+}, \varphi_{83+}$
	88	0	$8580_1 = \chi_{86+}, \varphi_{84+}$
	89	0	$42900_1 = \chi_{91+}, \varphi_{89+}$
	90	0	$46200_1 = \chi_{92+}, \varphi_{90+}$
	91	0	$48048_1 = \chi_{93+}, \varphi_{91+}$
	92	0	$54054_3 = \chi_{94+}, \varphi_{92+}$
	93	0	$61776_1 = \chi_{95+}, \varphi_{93+}$
	94	0	$85800_1 = \chi_{96+}, \varphi_{94+}$
	95	0	$103950_1 = \chi_{97+}, \varphi_{95+}$
	96	0	$120120_2 = \chi_{98+}, \varphi_{96+}$
	97	0	$128700_2 = \chi_{99+}, \varphi_{97+}$
	98	0	$150150_1 = \chi_{100+}, \varphi_{98+}$
	99	0	$150150_2 = \chi_{101+}, \varphi_{99+}$
	100	0	$171600_1 = \chi_{102+}, \varphi_{100+}$
	101	0	$208494_3 = \chi_{103+}, \varphi_{101+}$
	102	0	$216216_1 = \chi_{104+}, \varphi_{102+}$
	103	0	$266112_1 = \chi_{105+}, \varphi_{103+}$
	104	0	$270270_1 = \chi_{106+}, \varphi_{104+}$
	105	0	$320760_1 = \chi_{108+}, \varphi_{106+}$
	106	0	$360360_1 = \chi_{109+}, \varphi_{108+}$
	107	0	$386100_1 = \chi_{111+}, \varphi_{109+}$
	108	0	$416988_1 = \chi_{112+}, \varphi_{110+}$
	109	0	$450450_1 = \chi_{113+}, \varphi_{111+}$
$6.G:$	110	1	11×10
	111	0	$1848_1 = \chi_{117+}, \varphi_{114+}$
	112	0	$17160_1 = \chi_{120+}, \varphi_{117+}$
	113	0	$22176_1 = \chi_{121+}, \varphi_{118+}$
	$114 = \overline{113}$	0	$22176_2 = \chi_{122+}, \varphi_{119+}$
	115	0	$24024_1 = \chi_{123+}, \varphi_{120+}$
	116	0	$24024_2 = \chi_{124+}, \varphi_{121+}$
	117	0	$24024_3 = \chi_{125+}, \varphi_{122+}$
	118	0	$46200_2 = \chi_{126+}, \varphi_{123+}$
	119	0	$54912_1 = \chi_{127+}, \varphi_{124+}$
	120	0	$54912_2 = \chi_{128+}, \varphi_{125+}$

	blocks	defect	matrix
	121	0	$85800_2 = \chi_{131+}, \varphi_{128+}$
	122	0	$154440_1 = \chi_{134+}, \varphi_{131+}$
	123	0	$211200_1 = \chi_{135+}, \varphi_{132+}$
	124	0	$288288_2 = \chi_{138+}, \varphi_{135+}$
	125	0	$288288_3 = \chi_{139+}, \varphi_{136+}$
	126	0	$343200_1 = \chi_{140+}, \varphi_{137+}$
	127	0	$360360_2 = \chi_{141+}, \varphi_{138+}$
	128	0	$600600_1 = \chi_{142+}, \varphi_{139+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{15,1}$	$\varphi_{16,0}$	$\varphi_{21,1}$	$\varphi_{22,1}$	$\varphi_{29,1}$	$\varphi_{34,0}$	$\varphi_{35,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$364_2 = \chi_{3,1}$	.	1	.	.	.	.	.	.	.	.
$780_1 = \chi_{4,0}$	1	.	1	.	.	.	.	.	.	.
$15795_2 = \chi_{15,1}$	.	1	.	1	.	.	.	.	.	.
$18954_1 = \chi_{16,0}$	.	.	1	.	1	.	.	.	.	.
$66560_2 = \chi_{27,1}$	.	.	.	.	1	.	1	.	.	.
$79872_2 = \chi_{29,1}$	.	.	.	1	.	.	.	1	.	.
$88452_2 = \chi_{30,1}$	.	.	.	.	.	1	1	.	.	.
$163800_1 = \chi_{36,0}$	.	.	.	.	.	1	.	.	1	.
$189540_2 = \chi_{38,1}$	.	.	.	.	.	.	.	1	.	1
$248832_1 = \chi_{43,0}$	.	.	.	.	.	.	.	.	1	1

$\varphi_{1,0} = 1_1$
$\varphi_{3,1} = 364_2$
$\varphi_{4,0} = 779_1$
$\varphi_{15,1} = 15431_2$
$\varphi_{16,0} = 18175_1$
$\varphi_{21,1} = 40067_2$
$\varphi_{22,1} = 48385_2$
$\varphi_{29,1} = 64441_2$
$\varphi_{34,0} = 123733_1$
$\varphi_{35,0} = 125099_1$

Block 2:	$\varphi_{1,1}$	$\varphi_{3,0}$	$\varphi_{4,1}$	$\varphi_{15,0}$	$\varphi_{16,1}$	$\varphi_{21,0}$	$\varphi_{22,0}$	$\varphi_{29,0}$	$\varphi_{34,1}$	$\varphi_{35,1}$
$1_2 = \chi_{1,1}$	1	.	.	.	.	.	.	.	.	.
$364_1 = \chi_{3,0}$	.	1	.	.	.	.	.	.	.	.
$780_2 = \chi_{4,1}$	1	.	1	.	.	.	.	.	.	.
$15795_1 = \chi_{15,0}$	.	1	.	1	.	.	.	.	.	.
$18954_2 = \chi_{16,1}$	.	.	1	.	1	.	.	.	.	.
$66560_1 = \chi_{27,0}$	.	.	.	.	1	.	1	.	.	.
$79872_1 = \chi_{29,0}$	.	.	.	1	.	.	.	1	.	.
$88452_1 = \chi_{30,0}$	.	.	.	.	.	1	1	.	.	.
$163800_2 = \chi_{36,1}$	.	.	.	.	.	1	.	.	1	.
$189540_1 = \chi_{38,0}$	.	.	.	.	.	.	.	1	.	1
$248832_2 = \chi_{43,1}$	.	.	.	.	.	.	.	.	1	1

$\varphi_{1,1} = 1_2$
$\varphi_{3,0} = 364_1$
$\varphi_{4,1} = 779_2$
$\varphi_{15,0} = 15431_1$
$\varphi_{16,1} = 18175_2$
$\varphi_{21,0} = 40067_1$
$\varphi_{22,0} = 48385_1$
$\varphi_{29,0} = 64441_1$
$\varphi_{34,1} = 123733_2$
$\varphi_{35,1} = 125099_2$

Block 51:	φ_{44+}	φ_{51+}	φ_{55+}	φ_{57+}	φ_{59+}
$728_1 = \chi_{45+}$	1	.	.	.	.
$70200_1 = \chi_{54+}$	1	.	1	.	.
$70200_2 = \chi_{56+}$	.	.	.	1	.
$122472_1 = \chi_{60+}$	.	1	.	.	1
$159744_1 = \chi_{62+}$	.	.	.	1	1
$102400_1 = \chi_{67,0}$	.	1	1	.	.
$102400_2 = \chi_{67,1}$	.	1	1	.	.

$\varphi_{44+} = 728_1$
$\varphi_{51+} = 32928_1$
$\varphi_{55+} = 69472_1$
$\varphi_{57+} = 70200_1$
$\varphi_{59+} = 89544_1$

Block 83:	φ_{76+}	φ_{78+}	φ_{81+}	φ_{82+}	φ_{85+}	φ_{86+}	φ_{87+}	φ_{88+}	φ_{105+}
$156_1 = \chi_{78+}$	1	.	.	.	.	.	.	.	.
$2730_1 = \chi_{80+}$	.	1	.	.	.	.	.	.	.
$5850_1 = \chi_{83+}$	.	.	1	.	.	.	.	.	.
$5850_2 = \chi_{84+}$	.	.	.	1	.	.	.	.	.
$10206_1 = \chi_{87+}$	.	.	.	.	1	.	.	.	.
$10206_2 = \chi_{88+}$	.	.	.	.	.	1	.	.	.
$13440_1 = \chi_{89+}$	1	.	.	.	.	.	1	.	.
$37908_1 = \chi_{90+}$	.	.	.	.	.	.	1	1	.
$279552_1 = \chi_{107+}$	.	1	.	.	.	.	.	.	1
$379080_1 = \chi_{110+}$	.	.	.	.	.	.	.	1	.
$663390_1 = \chi_{114+}$	.	.	1	1	1	1	.	.	1

(**Block 83:**)	φ_{107+}
$156_1 = \chi_{78+}$	.
$2730_1 = \chi_{80+}$	.
$5850_1 = \chi_{83+}$	.
$5850_2 = \chi_{84+}$	.
$10206_1 = \chi_{87+}$	.
$10206_2 = \chi_{88+}$	.
$13440_1 = \chi_{89+}$	.
$37908_1 = \chi_{90+}$	.
$279552_1 = \chi_{107+}$	.
$379080_1 = \chi_{110+}$	1
$663390_1 = \chi_{114+}$	1

$$\begin{aligned}
\varphi_{76+} &= 156_1 \\
\varphi_{78+} &= 2730_1 \\
\varphi_{81+} &= 5850_1 \\
\varphi_{82+} &= 5850_2 \\
\varphi_{85+} &= 10206_1 \\
\varphi_{86+} &= 10206_2 \\
\varphi_{87+} &= 13284_1 \\
\varphi_{88+} &= 24624_1 \\
\varphi_{105+} &= 276822_1 \\
\varphi_{107+} &= 354456_1
\end{aligned}$$

Block 110:	φ_{112+}	φ_{113+}	φ_{115+}	φ_{116+}	φ_{126+}	φ_{127+}	φ_{129+}	φ_{130+}	φ_{133+}
$24_1 = \chi_{115+}$	1	.	.	.	.	.	.	.	.
$1560_1 = \chi_{116+}$	1	1	.	.	.	.	.	.	.
$8736_1 = \chi_{118+}$	.	.	.	1	.	.	.	.	.
$8736_2 = \chi_{119+}$	.	1	1	.	.	.	.	.	.
$70200_3 = \chi_{129+}$	.	.	.	.	1	.	.	.	.
$70200_4 = \chi_{130+}$	.	.	.	.	.	1	.	.	.
$122472_2 = \chi_{132+}$	.	.	.	.	.	.	1	.	.
$122472_3 = \chi_{133+}$	.	.	.	.	.	.	.	1	.
$224640_1 = \chi_{136+}$	.	.	.	1	.	.	.	.	1
$279552_2 = \chi_{137+}$	.	.	1	.	.	.	.	.	.
$873600_1 = \chi_{143+}$	.	.	.	.	1	1	1	1	1

(**Block 110:**)	φ_{134+}
$24_1 = \chi_{115+}$	.
$1560_1 = \chi_{116+}$	.
$8736_1 = \chi_{118+}$	.
$8736_2 = \chi_{119+}$	.
$70200_3 = \chi_{129+}$	.
$70200_4 = \chi_{130+}$	.
$122472_2 = \chi_{132+}$	.
$122472_3 = \chi_{133+}$	.
$224640_1 = \chi_{136+}$	.
$279552_2 = \chi_{137+}$	1
$873600_1 = \chi_{143+}$	1

$$\begin{aligned}
\varphi_{112+} &= 24_1 \\
\varphi_{113+} &= 1536_1 \\
\varphi_{115+} &= 7200_1 \\
\varphi_{116+} &= 8736_1 \\
\varphi_{126+} &= 70200_2 \\
\varphi_{127+} &= 70200_3 \\
\varphi_{129+} &= 122472_1 \\
\varphi_{130+} &= 122472_2 \\
\varphi_{133+} &= 215904_1 \\
\varphi_{134+} &= 272352_1
\end{aligned}$$