

Suz.2 (mod 2)

	blocks	defect	matrix
2. <i>G</i> :	1	15	92×10
	2	5	15×3
6. <i>G</i> :	3	14	67×14

Block 1:	$\varphi_{1,0}$	φ_{2+}	$\varphi_{4,0}$	φ_{5+}	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,0}$	φ_{11+}	φ_{13+}
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	1	.	.	.	.	.	.	.	.	.
$143_1 = \chi_{2,0}$	1	.	1	.	.	.	.	.	.	.
$143_2 = \chi_{2,1}$	1	.	1	.	.	.	.	.	.	.
$364_1 = \chi_{3,0}$	2	1	1	.	.	.	.	.	.	.
$364_2 = \chi_{3,1}$	2	1	1	.	.	.	.	.	.	.
$780_1 = \chi_{4,0}$	.	.	1	.	1	.	.	.	.	.
$780_2 = \chi_{4,1}$	.	.	1	.	1	.	.	.	.	.
$1001_1 = \chi_{5,0}$	1	1	1	.	1	.	.	.	.	.
$1001_2 = \chi_{5,1}$	1	1	1	.	1	.	.	.	.	.
$3432_1 = \chi_{6,0}$	.	.	.	.	.	1	.	.	.	.
$3432_2 = \chi_{6,1}$	.	.	.	.	.	1	.	.	.	.
$10010_1 = \chi_{7+}$	2	2	2	1	2	2	.	.	.	.
$5940_1 = \chi_{9,0}$	2	2	2	1	1	1	.	.	.	.
$5940_2 = \chi_{9,1}$	2	2	2	1	1	1	.	.	.	.
$10725_1 = \chi_{10,0}$	1	1	1	1	2	1	1	.	.	.
$10725_2 = \chi_{10,1}$	1	1	1	1	2	1	1	.	.	.
$12012_1 = \chi_{11,0}$	4	3	4	1	2	1	.	1	.	.
$12012_2 = \chi_{11,1}$	4	3	4	1	2	1	.	1	.	.
$14300_1 = \chi_{12,0}$	2	2	2	1	1	2	.	1	.	.
$14300_2 = \chi_{12,1}$	2	2	2	1	1	2	.	1	.	.
$30030_1 = \chi_{13+}$	2	3	2	2	2	2	.	.	1	.
$15795_1 = \chi_{15,0}$	1	1	2	1	2	1	1	1	.	.
$15795_2 = \chi_{15,1}$	1	1	2	1	2	1	1	1	.	.
$18954_1 = \chi_{16,0}$	2	2	1	2	2	3	1	.	.	.
$18954_2 = \chi_{16,1}$	2	2	1	2	2	3	1	.	.	.
$25025_1 = \chi_{17,0}$	3	3	3	2	3	3	1	1	.	.
$25025_2 = \chi_{17,1}$	3	3	3	2	3	3	1	1	.	.
$50050_1 = \chi_{18+}$	6	6	6	4	6	6	2	2	.	.
$40040_1 = \chi_{20,0}$	4	4	4	3	2	3	.	1	1	.
$40040_2 = \chi_{20,1}$	4	4	4	3	2	3	.	1	1	.
$100100_1 = \chi_{21+}$	8	10	8	7	8	8	2	2	2	.
$54054_1 = \chi_{23,0}$	4	5	4	4	4	5	1	1	1	.
$54054_2 = \chi_{23,1}$	4	5	4	4	4	5	1	1	1	.
$64064_1 = \chi_{24,0}$	4	5	2	4	4	6	2	1	.	1
$64064_2 = \chi_{24,1}$	4	5	2	4	4	6	2	1	.	1
$128700_1 = \chi_{25+}$	4	9	2	8	6	8	2	.	3	1
$75075_1 = \chi_{28,0}$	5	7	5	5	5	5	1	1	2	.
$75075_2 = \chi_{28,1}$	5	7	5	5	5	5	1	1	2	.
$88452_1 = \chi_{30,0}$	6	8	5	6	6	7	2	1	2	.

(Block 1:)	$\varphi_{1,0}$	φ_{2+}	$\varphi_{4,0}$	φ_{5+}	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,0}$	φ_{11+}	φ_{13+}
88452 ₂ = $\chi_{30,1}$	6	8	5	6	6	7	2	1	2	.
187110 ₁ = χ_{31+}	10	15	8	12	10	14	2	2	4	1
100100 ₂ = $\chi_{33,0}$	8	10	8	7	8	8	2	2	2	.
100100 ₃ = $\chi_{33,1}$	8	10	8	7	8	8	2	2	2	.
133056 ₁ = $\chi_{34,0}$	8	11	8	9	8	10	2	3	3	.
133056 ₂ = $\chi_{34,1}$	8	11	8	9	8	10	2	3	3	.
163800 ₁ = $\chi_{36,0}$	6	12	5	10	8	10	2	1	4	1
163800 ₂ = $\chi_{36,1}$	6	12	5	10	8	10	2	1	4	1
189540 ₁ = $\chi_{38,0}$	12	16	11	13	13	15	4	3	3	1
189540 ₂ = $\chi_{38,1}$	12	16	11	13	13	15	4	3	3	1
193050 ₁ = $\chi_{39,0}$	8	15	6	12	9	12	2	1	5	1
193050 ₂ = $\chi_{39,1}$	8	15	6	12	9	12	2	1	5	1
197120 ₁ = $\chi_{40,0}$	12	16	10	13	12	16	4	4	3	1
197120 ₂ = $\chi_{40,1}$	12	16	10	13	12	16	4	4	3	1
208494 ₁ = $\chi_{41,0}$	12	18	10	13	11	14	2	2	5	1
208494 ₂ = $\chi_{41,1}$	12	18	10	13	11	14	2	2	5	1
243243 ₁ = $\chi_{42,0}$	15	21	13	16	15	18	4	3	5	1
243243 ₂ = $\chi_{42,1}$	15	21	13	16	15	18	4	3	5	1
220 ₁ = $\chi_{44,0}$	.	1	.	.	.	.	.	.	.	.
220 ₂ = $\chi_{44,1}$	.	1	.	.	.	.	.	.	.	.
728 ₁ = χ_{45+}	4	2	2	.	.	.	.	.	.	.
1144 ₁ = χ_{47+}	.	.	.	1	.	.	.	.	.	.
4928 ₁ = $\chi_{49,0}$	.	.	.	.	.	.	.	1	.	.
4928 ₂ = $\chi_{49,1}$	.	.	.	.	.	.	.	1	.	.
32032 ₁ = χ_{50+}	8	6	8	3	4	4	.	2	.	.
20020 ₁ = $\chi_{52,0}$	.	1	.	1	.	.	.	.	1	.
20020 ₂ = $\chi_{52,1}$	.	1	.	1	.	.	.	.	1	.
20020 ₃ = $\chi_{53,0}$	.	1	.	1	.	.	.	.	1	.
20020 ₄ = $\chi_{53,1}$	.	1	.	1	.	.	.	.	1	.
70200 ₁ = χ_{54+}	4	6	6	4	4	4	.	2	2	.
70200 ₂ = χ_{56+}	.	3	.	4	4	4	2	.	1	1
120120 ₁ = χ_{58+}	8	11	8	8	8	8	2	2	3	.
122472 ₁ = χ_{60+}	8	11	8	8	8	8	2	2	2	1
80080 ₁ = $\chi_{64,0}$	8	9	8	6	8	8	2	2	1	.
80080 ₂ = $\chi_{64,1}$	8	9	8	6	8	8	2	2	1	.
80080 ₃ = $\chi_{65,0}$	4	7	4	5	4	4	.	.	3	.
80080 ₄ = $\chi_{65,1}$	4	7	4	5	4	4	.	.	3	.
100100 ₄ = $\chi_{66,0}$	8	10	8	7	8	8	2	2	2	.
100100 ₅ = $\chi_{66,1}$	8	10	8	7	8	8	2	2	2	.
128128 ₁ = $\chi_{68,0}$	8	11	8	9	8	10	2	2	3	.

(Block 1:)	$\varphi_{1,0}$	φ_{2+}	$\varphi_{4,0}$	φ_{5+}	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,0}$	φ_{11+}	φ_{13+}
$128128_2 = \chi_{68,1}$	8	11	8	9	8	10	2	2	3	.
$137280_1 = \chi_{69,0}$	4	10	2	8	4	8	.	.	4	1
$137280_2 = \chi_{69,1}$	4	10	2	8	4	8	.	.	4	1
$288288_1 = \chi_{70+}$	16	24	12	18	16	20	4	2	6	2
$192192_1 = \chi_{72,0}$	12	16	10	13	12	16	4	3	3	1
$192192_2 = \chi_{72,1}$	12	16	10	13	12	16	4	3	3	1
$197120_3 = \chi_{73,0}$	12	16	10	13	12	16	4	4	3	1
$197120_4 = \chi_{73,1}$	12	16	10	13	12	16	4	4	3	1
$228800_1 = \chi_{74,0}$	12	19	10	15	14	16	4	2	5	1
$228800_2 = \chi_{74,1}$	12	19	10	15	14	16	4	2	5	1
$277200_1 = \chi_{75,0}$	16	23	14	18	16	20	4	4	6	1
$277200_2 = \chi_{75,1}$	16	23	14	18	16	20	4	4	6	1

$$\begin{array}{ll}
\varphi_{1,0} &= 1_1 \\
\varphi_{2+} &= 220_1 \\
\varphi_{4,0} &= 142_1 \\
\varphi_{5+} &= 1144_1 \\
\varphi_{7,0} &= 638_1 \\
\varphi_{8,0} &= 3432_1 \\
\varphi_{9,0} &= 4510_1 \\
\varphi_{10,0} &= 4928_1 \\
\varphi_{11+} &= 18656_1 \\
\varphi_{13+} &= 21008_1
\end{array}$$

Block 2:	$\varphi_{15,0}$	$\varphi_{16,0}$	$\varphi_{17,0}$	
$66560_1 = \chi_{27,0}$	1	.	.	
$66560_2 = \chi_{27,1}$	1	.	.	
$79872_1 = \chi_{29,0}$	.	1	.	
$79872_2 = \chi_{29,1}$	.	1	.	
$146432_1 = \chi_{35,0}$	1	1	.	
$146432_2 = \chi_{35,1}$	1	1	.	
$168960_1 = \chi_{37,0}$	1	.	1	$\varphi_{15,0} = 66560_1$
$168960_2 = \chi_{37,1}$	1	.	1	$\varphi_{16,0} = 79872_1$
$248832_1 = \chi_{43,0}$	1	1	1	$\varphi_{17,0} = 102400_1$
$248832_2 = \chi_{43,1}$	1	1	1	
$159744_1 = \chi_{62+}$	.	2	.	
$102400_1 = \chi_{67,0}$	.	.	1	
$102400_2 = \chi_{67,1}$	.	.	1	
$315392_1 = \chi_{76,0}$	2	1	1	
$315392_2 = \chi_{76,1}$	2	1	1	

Block 3:	φ_{18+}	φ_{19+}	φ_{20+}	φ_{21+}	φ_{22+}	φ_{23+}	φ_{24+}	φ_{25+}	φ_{26+}	φ_{27+}
$132_1 = \chi_{77+}$	.	1	.	.	.	.	.	.	.	.
$156_1 = \chi_{78+}$	1	1	.	.	.	.	.	.	.	.
$858_1 = \chi_{79+}$	.	.	1	.	.	.	.	.	.	.
$2730_1 = \chi_{80+}$	2	2	1	1	.	.	.	.	.	.
$3432_3 = \chi_{81+}$	.	1	.	.	1	1	.	.	.	.
$4290_1 = \chi_{82+}$	.	1	1	.	1	1	.	.	.	.
$5850_1 = \chi_{83+}$	.	.	.	.	.	1	1	.	.	.
$5850_2 = \chi_{84+}$	.	.	.	.	1	.	.	1	.	.
$6006_1 = \chi_{85+}$	1	2	1	1	1	1	.	.	.	.
$8580_1 = \chi_{86+}$	2	3	2	2	1	1	.	.	.	.
$10206_1 = \chi_{87+}$	1	2	1	1	1	1	.	1	.	.
$10206_2 = \chi_{88+}$	1	2	1	1	1	1	1	.	.	.
$13440_1 = \chi_{89+}$	.	.	.	.	.	.	.	.	.	1
$37908_1 = \chi_{90+}$	1	1	1	.	1	1	.	.	.	.
$42900_1 = \chi_{91+}$	1	1	.	.	1	1	.	.	.	.
$46200_1 = \chi_{92+}$	2	6	2	3	1	1	1	1	2	1
$48048_1 = \chi_{93+}$	3	8	2	4	1	1	1	1	2	1
$54054_3 = \chi_{94+}$	4	10	3	5	2	2	1	1	2	1
$61776_1 = \chi_{95+}$	1	4	1	2	1	1	.	.	1	1
$85800_1 = \chi_{96+}$	3	8	3	4	2	2	1	1	2	1
$103950_1 = \chi_{97+}$	3	6	2	2	3	3	1	1	1	.
$120120_2 = \chi_{98+}$	1	5	1	2	2	2	.	.	1	1
$128700_2 = \chi_{99+}$	4	9	3	4	3	3	1	1	2	1
$150150_1 = \chi_{100+}$	5	12	4	5	4	4	2	2	3	1
$150150_2 = \chi_{101+}$	4	11	4	5	4	4	1	1	2	1
$171600_1 = \chi_{102+}$	5	14	5	6	5	5	2	2	3	1
$208494_3 = \chi_{103+}$	5	13	4	5	5	5	2	2	3	1
$216216_1 = \chi_{104+}$	8	17	5	7	6	6	3	3	4	1
$266112_1 = \chi_{105+}$	6	16	6	7	6	6	2	2	3	1
$270270_1 = \chi_{106+}$	6	17	5	7	6	6	2	2	4	2
$279552_1 = \chi_{107+}$	6	16	6	7	6	6	2	2	3	2
$320760_1 = \chi_{108+}$	10	24	7	10	8	8	4	4	6	2
$360360_1 = \chi_{109+}$	11	26	8	11	9	9	4	4	6	2
$379080_1 = \chi_{110+}$	13	29	10	12	11	11	5	5	6	2
$386100_1 = \chi_{111+}$	9	25	7	10	9	9	5	5	6	2
$416988_1 = \chi_{112+}$	11	31	9	13	10	10	5	5	7	3
$450450_1 = \chi_{113+}$	11	29	8	11	11	11	6	6	7	2
$663390_1 = \chi_{114+}$	17	45	14	18	16	16	7	7	10	4
$24_1 = \chi_{115+}$	1	.	.	.	.	.	.	.	.	.
$1560_1 = \chi_{116+}$	.	.	.	1	.	.	.	.	.	.

(Block 3:)	φ_{28+}	φ_{29+}	φ_{30+}	φ_{31+}
$132_1 = \chi_{77+}$	.	.	.	.
$156_1 = \chi_{78+}$	.	.	.	.
$858_1 = \chi_{79+}$	.	.	.	.
$2730_1 = \chi_{80+}$	.	.	.	.
$3432_3 = \chi_{81+}$	.	.	.	.
$4290_1 = \chi_{82+}$	.	.	.	.
$5850_1 = \chi_{83+}$	.	.	.	.
$5850_2 = \chi_{84+}$	.	.	.	.
$6006_1 = \chi_{85+}$	.	.	.	.
$8580_1 = \chi_{86+}$	.	.	.	.
$10206_1 = \chi_{87+}$	.	.	.	.
$10206_2 = \chi_{88+}$	.	.	.	.
$13440_1 = \chi_{89+}$	.	.	.	.
$37908_1 = \chi_{90+}$	1	.	.	.
$42900_1 = \chi_{91+}$	.	1	.	.
$46200_1 = \chi_{92+}$	.	.	.	.
$48048_1 = \chi_{93+}$	.	.	.	.
$54054_3 = \chi_{94+}$	.	.	.	.
$61776_1 = \chi_{95+}$	1	.	.	.
$85800_1 = \chi_{96+}$	1	.	.	.
$103950_1 = \chi_{97+}$	1	1	.	.
$120120_2 = \chi_{98+}$	1	.	1	.
$128700_2 = \chi_{99+}$	1	1	.	.
$150150_1 = \chi_{100+}$	1	1	.	.
$150150_2 = \chi_{101+}$	1	.	1	.
$171600_1 = \chi_{102+}$	1	.	1	.
$208494_3 = \chi_{103+}$	1	1	1	.
$216216_1 = \chi_{104+}$	1	2	.	.
$266112_1 = \chi_{105+}$	2	.	2	.
$270270_1 = \chi_{106+}$	2	1	1	.
$279552_1 = \chi_{107+}$	2	.	2	.
$320760_1 = \chi_{108+}$	1	2	1	.
$360360_1 = \chi_{109+}$	2	2	1	.
$379080_1 = \chi_{110+}$	2	2	1	.
$386100_1 = \chi_{111+}$	1	1	1	1
$416988_1 = \chi_{112+}$	1	1	1	1
$450450_1 = \chi_{113+}$	1	2	1	1
$663390_1 = \chi_{114+}$	3	2	2	1
$24_1 = \chi_{115+}$	.	.	.	.
$1560_1 = \chi_{116+}$	.	.	.	.

(Block 3:)	φ_{18+}	φ_{19+}	φ_{20+}	φ_{21+}	φ_{22+}	φ_{23+}	φ_{24+}	φ_{25+}	φ_{26+}	φ_{27+}
$1848_1 = \chi_{117+}$	1	2	.	1	.	.	.	.	.	.
$8736_1 = \chi_{118+}$	3	4	2	2	1	1	.	.	.	.
$8736_2 = \chi_{119+}$	.	2	.	1	.	.	.	.	1	.
$17160_1 = \chi_{120+}$	1	2	.	1	.	.	1	1	1	.
$22176_1 = \chi_{121+}$	.	2	.	1	.	.	.	.	1	1
$22176_2 = \chi_{122+}$	.	2	.	1	.	.	.	.	1	1
$24024_1 = \chi_{123+}$	2	4	2	2	1	1	1	1	1	.
$24024_2 = \chi_{124+}$	1	4	.	2	.	.	.	.	1	1
$24024_3 = \chi_{125+}$	2	4	2	2	1	1	1	1	1	.
$46200_2 = \chi_{126+}$	2	6	2	3	1	1	1	1	2	1
$54912_1 = \chi_{127+}$	4	10	4	5	2	2	1	1	2	1
$54912_2 = \chi_{128+}$	.	.	.	.	.	.	.	.	.	.
$70200_3 = \chi_{129+}$	2	4	1	1	2	3	2	1	1	.
$70200_4 = \chi_{130+}$	2	4	1	1	3	2	1	2	1	.
$85800_2 = \chi_{131+}$	2	6	2	2	3	3	1	1	1	.
$122472_2 = \chi_{132+}$	6	13	4	6	4	4	3	2	3	1
$122472_3 = \chi_{133+}$	6	13	4	6	4	4	2	3	3	1
$154440_1 = \chi_{134+}$	2	8	2	3	3	3	2	2	2	1
$211200_1 = \chi_{135+}$	6	16	6	7	6	6	2	2	3	1
$224640_1 = \chi_{136+}$	6	16	6	7	6	6	2	2	3	2
$279552_2 = \chi_{137+}$	6	16	6	7	6	6	2	2	3	2
$288288_2 = \chi_{138+}$	7	22	6	9	7	7	4	4	5	2
$288288_3 = \chi_{139+}$	6	18	6	8	6	6	2	2	4	2
$343200_1 = \chi_{140+}$	10	24	8	10	9	9	3	3	5	2
$360360_2 = \chi_{141+}$	11	26	8	11	9	9	4	4	6	2
$600600_1 = \chi_{142+}$	15	40	12	16	15	15	7	7	9	3
$873600_1 = \chi_{143+}$	24	60	18	24	21	21	10	10	14	5

(Block 3:)	φ_{28+}	φ_{29+}	φ_{30+}	φ_{31+}				
$1848_1 = \chi_{117+}$	.	.	.	.				
$8736_1 = \chi_{118+}$	.	.	.	.				
$8736_2 = \chi_{119+}$	.	.	.	.				
$17160_1 = \chi_{120+}$	.	.	.	.				
$22176_1 = \chi_{121+}$	.	.	.	.				
$22176_2 = \chi_{122+}$	.	.	.	.				
$24024_1 = \chi_{123+}$	.	.	.	.	φ_{18+}	=	24_1	
$24024_2 = \chi_{124+}$	.	.	.	.	φ_{19+}	=	132_1	
$24024_3 = \chi_{125+}$	.	.	.	.	φ_{20+}	=	858_1	
$46200_2 = \chi_{126+}$	.	.	.	.	φ_{21+}	=	1560_1	
$54912_1 = \chi_{127+}$	.	.	.	.	φ_{22+}	=	1650_1	
$54912_2 = \chi_{128+}$	.	.	1	.	φ_{23+}	=	1650_2	
$70200_3 = \chi_{129+}$	.	1	.	.	φ_{24+}	=	4200_1	
$70200_4 = \chi_{130+}$	.	1	.	.	φ_{25+}	=	4200_2	
$85800_2 = \chi_{131+}$	.	.	1	.	φ_{26+}	=	6912_1	
$122472_2 = \chi_{132+}$	.	1	.	.	φ_{27+}	=	13440_1	
$122472_3 = \chi_{133+}$	.	1	.	.	φ_{28+}	=	33594_1	
$154440_1 = \chi_{134+}$	.	.	.	1	φ_{29+}	=	39444_1	
$211200_1 = \chi_{135+}$	2	.	1	.	φ_{30+}	=	54912_1	
$224640_1 = \chi_{136+}$	2	.	1	.	φ_{31+}	=	92976_1	
$279552_2 = \chi_{137+}$	2	.	2	.				
$288288_2 = \chi_{138+}$	.	.	1	1				
$288288_3 = \chi_{139+}$	2	.	2	.				
$343200_1 = \chi_{140+}$	2	2	1	.				
$360360_2 = \chi_{141+}$	2	2	1	.				
$600600_1 = \chi_{142+}$	2	2	2	1				
$873600_1 = \chi_{143+}$	4	4	2	1				