

Suz (mod 2)

	blocks	defect	matrix
2.G :	1 2	14 4	67×14 9×3
6.G :	3 $4 = 3^*$	14	67×14

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}
$364_3 = \chi_{46}$	2	1	1	1	.	.	.	.	.	.	.	.	.	.
$572_1 = \chi_{47}$	.	.	.	.	1	.	.	.	.	.	.	.	.	.
$572_2 = \chi_{48}$	.	.	.	.	.	1	.	.	.	.	.	.	.	.
$4928_1 = \chi_{49}$	.	.	.	.	.	.	.	.	.	1	.	.	.	.
$16016_1 = \chi_{50}$	4	3	3	4	1	2	2	2	.	1	.	.	.	.
$16016_2 = \chi_{51}$	4	3	3	4	2	1	2	2	.	1	.	.	.	.
$20020_1 = \chi_{52}$	.	1	1	.	1	1	.	.	.	.	1	1	.	.
$20020_2 = \chi_{53}$	.	1	1	.	1	1	.	.	.	.	1	1	.	.
$35100_1 = \chi_{54}$	2	3	3	3	2	2	2	2	.	1	1	1	.	.
$35100_2 = \chi_{55}$	2	3	3	3	2	2	2	2	.	1	1	1	.	.
$35100_3 = \chi_{56}$	.	1	2	.	2	2	2	2	1	.	.	1	1	.
$35100_4 = \chi_{57}$	.	2	1	.	2	2	2	2	1	.	1	.	.	1
$60060_1 = \chi_{58}$	4	6	5	4	4	4	4	4	1	1	2	1	.	.
$60060_2 = \chi_{59}$	4	5	6	4	4	4	4	4	1	1	1	2	.	.
$61236_1 = \chi_{60}$	4	6	5	4	4	4	4	4	1	1	1	1	.	1
$61236_2 = \chi_{61}$	4	5	6	4	4	4	4	4	1	1	1	1	1	.
$80080_1 = \chi_{64}$	8	9	9	8	6	6	8	8	2	2	1	1	.	.
$80080_2 = \chi_{65}$	4	7	7	4	5	5	4	4	.	.	3	3	.	.
$100100_2 = \chi_{66}$	8	10	10	8	7	7	8	8	2	2	2	2	.	.
$128128_1 = \chi_{68}$	8	11	11	8	9	9	8	10	2	2	3	3	.	.
$137280_1 = \chi_{69}$	4	10	10	2	8	8	4	8	.	.	4	4	1	1
$144144_1 = \chi_{70}$	8	12	12	6	9	9	8	10	2	1	3	3	1	1
$144144_2 = \chi_{71}$	8	12	12	6	9	9	8	10	2	1	3	3	1	1
$192192_1 = \chi_{72}$	12	16	16	10	13	13	12	16	4	3	3	3	1	1
$197120_2 = \chi_{73}$	12	16	16	10	13	13	12	16	4	4	3	3	1	1
$228800_1 = \chi_{74}$	12	19	19	10	15	15	14	16	4	2	5	5	1	1
$277200_1 = \chi_{75}$	16	23	23	14	18	18	16	20	4	4	6	6	1	1

$$\begin{aligned}
\varphi_1 &= 1_1 & \varphi_8 &= 3432_1 \\
\varphi_2 &= 110_1 & \varphi_9 &= 4510_1 \\
\varphi_3 &= 110_2 & \varphi_{10} &= 4928_1 \\
\varphi_4 &= 142_1 & \varphi_{11} &= 9328_1 \\
\varphi_5 &= 572_1 & \varphi_{12} &= 9328_2 \\
\varphi_6 &= 572_2 & \varphi_{13} &= 10504_1 \\
\varphi_7 &= 638_1 & \varphi_{14} &= 10504_2
\end{aligned}$$

Block 2:	φ_{15}	φ_{16}	φ_{17}
$66560_1 = \chi_{27}$	1	.	.
$79872_1 = \chi_{29}$	.	1	.
$146432_1 = \chi_{35}$	1	1	.
$168960_1 = \chi_{37}$	1	.	1
$248832_1 = \chi_{43}$	1	1	1
$79872_2 = \chi_{62}$	.	1	.
$79872_3 = \chi_{63}$	.	1	.
$102400_1 = \chi_{67}$	.	.	1
$315392_1 = \chi_{76}$	2	1	1

$$\begin{aligned} \varphi_{15} &= 66560_1 \\ \varphi_{16} &= 79872_1 \\ \varphi_{17} &= 102400_1 \end{aligned}$$

(Blocks 3, 4:)	φ_{31}
$66_1 = \chi_{77}$.
$78_1 = \chi_{78}$.
$429_1 = \chi_{79}$.
$1365_1 = \chi_{80}$.
$1716_1 = \chi_{81}$.
$2145_1 = \chi_{82}$.
$2925_1 = \chi_{83}$.
$2925_3 = \chi_{84}$.
$3003_1 = \chi_{85}$.
$4290_1 = \chi_{86}$.
$5103_1 = \chi_{87}$.
$5103_3 = \chi_{88}$.
$6720_1 = \chi_{89}$.
$18954_2 = \chi_{90}$.
$21450_1 = \chi_{91}$.
$23100_1 = \chi_{92}$.
$24024_1 = \chi_{93}$.
$27027_1 = \chi_{94}$.
$30888_1 = \chi_{95}$.
$42900_1 = \chi_{96}$.
$51975_1 = \chi_{97}$.
$60060_3 = \chi_{98}$.
$64350_3 = \chi_{99}$.
$75075_2 = \chi_{100}$.
$75075_4 = \chi_{101}$.
$85800_1 = \chi_{102}$.
$104247_1 = \chi_{103}$.
$108108_1 = \chi_{104}$.
$133056_2 = \chi_{105}$.
$135135_1 = \chi_{106}$.
$139776_1 = \chi_{107}$.
$160380_1 = \chi_{108}$.
$180180_1 = \chi_{109}$.
$189540_2 = \chi_{110}$.
$193050_2 = \chi_{111}$	1
$208494_2 = \chi_{112}$	1
$225225_1 = \chi_{113}$	1
$331695_1 = \chi_{114}$	1
$12_1 = \chi_{115}$.
$780_2 = \chi_{116}$.

(Blocks 3, 4:)	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{24}	φ_{25}	φ_{26}	φ_{27}	φ_{28}	φ_{29}	φ_{30}
$924_1 = \chi_{117}$	1	2	.	1	.	.	.	.	.	.	.	.	.
$4368_1 = \chi_{118}$	3	4	2	2	1	1	.	.	.	.	.	.	.
$4368_3 = \chi_{119}$	.	2	.	1	.	.	.	.	1	.	.	.	.
$8580_1 = \chi_{120}$	1	2	.	1	.	.	1	1	1	.	.	.	.
$11088_1 = \chi_{121}$	.	2	.	1	.	.	.	.	1	1	.	.	.
$11088_3 = \chi_{122}$	.	2	.	1	.	.	.	.	1	1	.	.	.
$12012_2 = \chi_{123}$	2	4	2	2	1	1	1	1	1	.	.	.	.
$12012_4 = \chi_{124}$	1	4	.	2	.	.	.	.	1	1	.	.	.
$12012_6 = \chi_{125}$	2	4	2	2	1	1	1	1	1	.	.	.	.
$23100_3 = \chi_{126}$	2	6	2	3	1	1	1	1	2	1	.	.	.
$27456_1 = \chi_{127}$	4	10	4	5	2	2	1	1	2	1	.	.	.
$27456_3 = \chi_{128}$	.	.	.	.	.	.	.	.	.	.	.	.	1
$35100_5 = \chi_{129}$	2	4	1	1	2	3	2	1	1	.	.	1	.
$35100_7 = \chi_{130}$	2	4	1	1	3	2	1	2	1	.	.	1	.
$42900_3 = \chi_{131}$	2	6	2	2	3	3	1	1	1	.	.	.	1
$61236_3 = \chi_{132}$	6	13	4	6	4	4	3	2	3	1	.	1	.
$61236_5 = \chi_{133}$	6	13	4	6	4	4	2	3	3	1	.	1	.
$77220_1 = \chi_{134}$	2	8	2	3	3	3	2	2	2	1	.	.	.
$105600_1 = \chi_{135}$	6	16	6	7	6	6	2	2	3	1	2	.	1
$112320_1 = \chi_{136}$	6	16	6	7	6	6	2	2	3	2	2	.	1
$139776_3 = \chi_{137}$	6	16	6	7	6	6	2	2	3	2	2	.	2
$144144_3 = \chi_{138}$	7	22	6	9	7	7	4	4	5	2	.	.	1
$144144_5 = \chi_{139}$	6	18	6	8	6	6	2	2	4	2	2	.	2
$171600_1 = \chi_{140}$	10	24	8	10	9	9	3	3	5	2	2	2	1
$180180_3 = \chi_{141}$	11	26	8	11	9	9	4	4	6	2	2	2	1
$300300_1 = \chi_{142}$	15	40	12	16	15	15	7	7	9	3	2	2	2
$436800_1 = \chi_{143}$	24	60	18	24	21	21	10	10	14	5	4	4	2

(Blocks 3, 4:)	φ_{31}	
$924_1 = \chi_{117}$.	
$4368_1 = \chi_{118}$.	
$4368_3 = \chi_{119}$.	
$8580_1 = \chi_{120}$.	
$11088_1 = \chi_{121}$.	
$11088_3 = \chi_{122}$.	
$12012_2 = \chi_{123}$.	$\varphi_{18} = 12_1$
$12012_4 = \chi_{124}$.	$\varphi_{19} = 66_1$
$12012_6 = \chi_{125}$.	$\varphi_{20} = 429_1$
$23100_3 = \chi_{126}$.	$\varphi_{21} = 780_1$
$27456_1 = \chi_{127}$.	$\varphi_{22} = 825_1$
$27456_3 = \chi_{128}$.	$\varphi_{23} = 825_3$
$35100_5 = \chi_{129}$.	$\varphi_{24} = 2100_1$
$35100_7 = \chi_{130}$.	$\varphi_{25} = 2100_3$
$42900_3 = \chi_{131}$.	$\varphi_{26} = 3456_1$
$61236_3 = \chi_{132}$.	$\varphi_{27} = 6720_1$
$61236_5 = \chi_{133}$.	$\varphi_{28} = 16797_1$
$77220_1 = \chi_{134}$	1	$\varphi_{29} = 19722_1$
$105600_1 = \chi_{135}$.	$\varphi_{30} = 27456_1$
$112320_1 = \chi_{136}$.	$\varphi_{31} = 46488_1$
$139776_3 = \chi_{137}$.	
$144144_3 = \chi_{138}$	1	
$144144_5 = \chi_{139}$.	
$171600_1 = \chi_{140}$.	
$180180_3 = \chi_{141}$.	
$300300_1 = \chi_{142}$	1	
$436800_1 = \chi_{143}$	1	