

$$A_{14} \pmod{2}$$

	blocks	defect	matrix
$G :$	1	10	55×15
	2	6	13×7
	3	2	4×3

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}	φ_{16}	φ_{17}	φ_{21}	φ_{24}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$13_1 = \chi_2$	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$77_1 = \chi_3$	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$78_1 = \chi_4$	2	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$273_1 = \chi_5$	1	.	1	.	1	.	.	.	.	.	.	.	.	.	.
$286_1 = \chi_6$	2	1	1	.	1	.	.	.	.	.	.	.	.	.	.
$429_1 = \chi_7$	1	.	.	1	.	1	.	.	.	.	.	.	.	.	.
$637_1 = \chi_9$	1	.	1	.	1	1	.	.	.	.	.	.	.	.	.
$715_1 = \chi_{10}$	3	1	2	.	1	1	.	.	.	.	.	.	.	.	.
$1001_1 = \chi_{11}$	1	1	1	.	.	1	1	.	.	.	.	.	.	.	.
$1001_2 = \chi_{12}$	1	1	.	1	.	1	1	.	.	.	.	.	.	.	.
$1287_1 = \chi_{13}$	3	2	2	.	1	1	1	.	.	.	.	.	.	.	.
$1365_1 = \chi_{14}$	1	.	1	.	.	.	.	1	.	.	.	.	.	.	.
$1716_1 = \chi_{15}$	4	2	2	1	1	2	1	.	.	.	.	.	.	.	.
$2002_1 = \chi_{16}$	2	.	2	.	1	1	.	1	.	.	.	.	.	.	.
$2079_1 = \chi_{17}$	3	1	3	.	1	1	.	1	.	.	.	.	.	.	.
$5733_1 = \chi_{23}$	3	2	1	.	.	1	1	1	.	.	1	.	.	.	.
$6006_1 = \chi_{24}$	2	1	1	1	.	2	1	.	.	.	.	1	.	.	.
$6006_2 = \chi_{25}$	4	2	2	.	1	1	1	1	.	.	1	.	.	.	.
$6006_3 = \chi_{26}$	2	.	.	.	.	.	.	1	.	.	.	.	1	.	.
$6435_1 = \chi_{27}$	1	1	.	1	.	1	1	.	1	.	1	.	.	.	.
$7007_1 = \chi_{28}$	5	3	3	.	1	2	2	1	.	.	1	.	.	.	.
$7007_2 = \chi_{29}$	3	2	1	1	.	1	1	.	.	1	1	.	.	.	.
$7007_3 = \chi_{30}$	1	2	.	1	.	1	2	.	1	.	1	.	.	.	.
$7644_1 = \chi_{31}$	4	2	2	1	1	2	1	.	.	1	1	.	.	.	.
$8085_1 = \chi_{32}$	5	2	4	1	1	3	1	1	.	.	.	1	.	.	.
$9009_1 = \chi_{33}$	3	.	1	1	.	1	.	1	.	1	.	.	1	.	.
$12012_1 = \chi_{34}$	4	2	2	1	.	2	1	.	.	1	1	1	.	.	.
$12012_2 = \chi_{35}$	4	2	2	.	1	.	.	.	.	.	.	.	.	1	.
$13650_1 = \chi_{36}$	6	3	3	2	1	4	2	.	.	1	1	1	.	.	.
$14014_1 = \chi_{37}$	2	1	1	2	.	2	1	.	1	1	1	1	.	.	.
$14014_2 = \chi_{38}$	6	2	4	1	1	3	1	1	.	1	1	1	.	.	.
$14014_3 = \chi_{39}$	4	.	2	1	.	2	.	1	.	1	.	1	1	.	.
$15015_1 = \chi_{40}$	3	1	1	1	.	1	1	1	1	1	1	.	1	.	.
$15015_2 = \chi_{41}$	5	2	3	1	1	1	.	.	.	1	.	.	.	1	.
$15015_3 = \chi_{42}$	7	3	4	2	1	4	2	1	.	1	1	1	.	.	.
$15444_1 = \chi_{43}$	4	2	2	3	.	4	2	.	1	1	1	1	.	.	.
$21021_1 = \chi_{46}$	7	2	3	1	1	1	.	1	.	1	.	.	1	1	.
$21021_2 = \chi_{47}$	5	2	2	2	.	3	2	1	1	1	1	1	1	.	.
$21021_3 = \chi_{48}$	7	4	4	2	1	4	3	1	1	1	2	1	.	.	.

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}	φ_{16}	φ_{17}	φ_{21}	φ_{24}
$21450_1 = \chi_{49}$	6	3	3	2	1	2	1	.	1	1	1	.	.	1	.
$21450_2 = \chi_{50}$	8	4	4	3	1	5	3	1	1	1	2	1	.	.	.
$27027_1 = \chi_{53}$	3	3	1	1	1	1	2	.	.	1	1	.	.	.	1
$27027_2 = \chi_{54}$	7	3	3	1	1	1	1	1	1	1	1	.	1	1	.
$28028_1 = \chi_{55}$	4	4	2	1	1	2	3	.	.	1	1	.	.	.	1
$28665_1 = \chi_{56}$	9	4	4	3	1	5	3	1	1	2	2	1	1	.	.
$35035_1 = \chi_{61}$	5	3	3	1	2	1	1	.	.	1	.	.	.	1	1
$35035_2 = \chi_{62}$	9	3	4	3	1	3	1	1	1	2	1	1	1	1	.
$42042_1 = \chi_{64}$	6	5	3	3	1	4	4	.	1	2	2	1	.	.	1
$42042_2 = \chi_{65}$	6	5	3	2	2	2	3	.	1	1	1	.	.	1	1
$47775_1 = \chi_{66}$	9	7	4	3	1	5	5	1	1	2	3	1	.	.	1
$48048_2 = \chi_{68}$	8	6	4	2	2	2	3	.	1	2	2	.	.	1	1
$50050_1 = \chi_{69}$	8	4	4	2	2	2	2	1	1	2	1	.	1	1	1
$63063_1 = \chi_{70}$	13	7	6	4	2	5	4	1	1	3	2	1	1	1	1
$69498_1 = \chi_{72}$	14	8	6	5	2	6	5	1	2	3	3	1	1	1	1

$$\begin{aligned}
\varphi_1 &= 1_1 & \varphi_{12} &= 2016_1 \\
\varphi_2 &= 12_1 & \varphi_{13} &= 2510_1 \\
\varphi_3 &= 64_1 & \varphi_{14} &= 3418_1 \\
\varphi_4 &= 64_2 & \varphi_{16} &= 4576_1 \\
\varphi_5 &= 208_1 & \varphi_{17} &= 4704_1 \\
\varphi_6 &= 364_1 & \varphi_{21} &= 11648_1 \\
\varphi_{10} &= 560_2 & \varphi_{24} &= 19240_1 \\
\varphi_{11} &= 1300_1 & &
\end{aligned}$$

Block 2:	φ_7	φ_8	φ_9	φ_{15}	φ_{20}	φ_{22}	φ_{23}	
$560_1 = \chi_8$	.	.	1	.	.	.	.	
$4368_1 = \chi_{18}$	.	.	1	1	.	.	.	
$4576_1 = \chi_{19}$	1	1	.	1	.	.	.	$\varphi_7 = 384_1$
$4752_1 = \chi_{20}$	.	1	1	1	.	.	.	$\varphi_8 = 384_2$
$4752_2 = \chi_{21}$	1	.	1	1	.	.	.	$\varphi_9 = 560_1$
$4928_1 = \chi_{22}$	.	.	2	1	.	.	.	$\varphi_{15} = 3808_1$
$16016_1 = \chi_{44}$	1	1	1	1	1	.	.	$\varphi_{20} = 10880_1$
$20384_1 = \chi_{45}$	1	1	2	2	1	.	.	$\varphi_{22} = 17920_1$
$24960_1 = \chi_{52}$	2	2	2	3	1	.	.	$\varphi_{23} = 17920_2$
$34320_1 = \chi_{59}$	2	1	1	1	1	1	.	
$34320_2 = \chi_{60}$	1	2	1	1	1	.	1	
$48048_1 = \chi_{67}$	1	1	1	.	1	1	1	
$64064_1 = \chi_{71}$	2	2	2	1	2	1	1	

Block 3:	φ_{18}	φ_{19}	φ_{25}
$23296_1 = \chi_{51}$	.	.	1
$29952_1 = \chi_{57}$	1	.	1
$29952_2 = \chi_{58}$	.	1	1
$36608_1 = \chi_{63}$	1	1	1

$$\begin{aligned} \varphi_{18} &= 6656_1 \\ \varphi_{19} &= 6656_2 \\ \varphi_{25} &= 23296_1 \end{aligned}$$