

$$A_{14} \pmod{3}$$

	blocks	defect	matrix
$G :$	1	5	51×20
	2	4	14×5
	3	2	6×4
	4	0	$69498_1 = \chi_{72}, \varphi_{30}$

Block 1:	φ_1	φ_2	φ_3	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{12}	φ_{13}	φ_{15}	φ_{16}	φ_{17}	φ_{21}	φ_{23}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$13_1 = \chi_2$	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$77_1 = \chi_3$	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$273_1 = \chi_5$	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$286_1 = \chi_6$	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$429_1 = \chi_7$	1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
$560_1 = \chi_8$	1	.	.	1	1	.	.	.	.	.	.	.	.	.	.	.
$637_1 = \chi_9$	.	1	1	.	.	.	1	.	.	.	.	.	.	.	.	.
$715_1 = \chi_{10}$	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.
$1001_1 = \chi_{11}$	.	1	.	.	.	1	1	.	.	.	.	.	.	.	.	.
$1001_2 = \chi_{12}$	1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.
$1365_1 = \chi_{14}$	.	2	1	.	.	.	1	1	.	.	.	.	.	.	.	.
$1716_1 = \chi_{15}$	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$2002_1 = \chi_{16}$	1	.	.	1	1	.	.	.	.	1	.	.	.	.	.	.
$4576_1 = \chi_{19}$	1	1	.	.	.	.	.	.	1	.	.	.	1	.	.	.
$4928_1 = \chi_{22}$	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.
$6006_1 = \chi_{24}$	2	.	.	.	.	.	.	.	1	1	.	.	1	.	.	.
$6006_2 = \chi_{25}$	.	2	1	.	.	1	1	1	.	.	.	.	.	1	.	.
$6006_3 = \chi_{26}$	.	1	.	.	.	.	.	1	.	.	1	.	1	.	.	.
$7007_1 = \chi_{28}$	2	.	.	.	1	.	.	.	.	1	.	.	.	.	1	.
$7007_2 = \chi_{29}$	1	.	.	.	1	.	.	.	.	1	1	.	1	.	.	.
$7007_3 = \chi_{30}$	1	1	1	.	.	.	.	.	.	.	.	1	1	.	.	.
$7644_1 = \chi_{31}$	2	.	.	1	.	.	.	.	1	.	.	.	.	.	.	1
$8085_1 = \chi_{32}$	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1
$12012_2 = \chi_{35}$	2	.	.	.	.	1	.	.	1	.	.	.	.	1	.	1
$13650_1 = \chi_{36}$	2	.	.	.	.	.	.	.	.	1	.	1	1	.	1	.
$14014_1 = \chi_{37}$	1	1	.	.	.	1	1	.	.	.	.	.	.	.	.	.
$14014_2 = \chi_{38}$	.	.	1	.	.	1	.	.	.	.	.	.	.	1	.	.
$14014_3 = \chi_{39}$	1	2	1	.	.	.	1	.	.	.	.	1	.	.	.	.
$15015_1 = \chi_{40}$	1	.	.	.	1	.	.	.	.	.	1	.	.	.	.	.
$15015_2 = \chi_{41}$	1	.	.	.	.	1	.	.	.	.	.	.	.	.	1	.
$15015_3 = \chi_{42}$	2	.	.	.	.	.	.	.	.	.	.	1	.	.	1	1
$16016_1 = \chi_{44}$	.	1	.	.	.	.	1	1	.	.	1	.	.	.	.	.
$20384_1 = \chi_{45}$	1	2	1	.	.	1	1	.	.	.	.	.	.	.	.	.
$21021_1 = \chi_{46}$	2	1	1	.	.	.	.	1	1	.	1	1	1	1	.	1
$21021_2 = \chi_{47}$	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$21021_3 = \chi_{48}$	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$21450_1 = \chi_{49}$	2	2	1	.	.	.	1	1	.	1	1	1	1	.	.	.
$21450_2 = \chi_{50}$	2	.	.	.	.	.	.	.	.	.	1	1	.	.	.	1
$23296_1 = \chi_{51}$	4	.	.	1	1	.	.	.	1	1	1	1	1	.	1	1

(Block 1:)	φ_{24}	φ_{25}	φ_{26}	φ_{28}
$1_1 = \chi_1$	.	.	.	.
$13_1 = \chi_2$	.	.	.	.
$77_1 = \chi_3$	.	.	.	.
$273_1 = \chi_5$	.	.	.	.
$286_1 = \chi_6$	.	.	.	.
$429_1 = \chi_7$	.	.	.	.
$560_1 = \chi_8$	.	.	.	.
$637_1 = \chi_9$	.	.	.	.
$715_1 = \chi_{10}$	.	.	.	.
$1001_1 = \chi_{11}$	.	.	.	.
$1001_2 = \chi_{12}$	.	.	.	.
$1365_1 = \chi_{14}$	.	.	.	.
$1716_1 = \chi_{15}$	.	.	.	.
$2002_1 = \chi_{16}$	.	.	.	.
$4576_1 = \chi_{19}$	.	.	.	.
$4928_1 = \chi_{22}$	.	.	.	.
$6006_1 = \chi_{24}$	.	.	.	.
$6006_2 = \chi_{25}$	.	.	.	.
$6006_3 = \chi_{26}$	.	.	.	.
$7007_1 = \chi_{28}$	.	.	.	.
$7007_2 = \chi_{29}$	.	.	.	.
$7007_3 = \chi_{30}$	.	.	.	.
$7644_1 = \chi_{31}$	.	.	.	.
$8085_1 = \chi_{32}$	.	.	.	.
$12012_2 = \chi_{35}$	.	.	.	.
$13650_1 = \chi_{36}$	.	.	.	.
$14014_1 = \chi_{37}$	.	.	1	.
$14014_2 = \chi_{38}$	1	.	.	.
$14014_3 = \chi_{39}$	.	1	.	.
$15015_1 = \chi_{40}$	.	.	1	.
$15015_2 = \chi_{41}$	1	.	.	.
$15015_3 = \chi_{42}$	.	.	.	.
$16016_1 = \chi_{44}$	.	.	1	.
$20384_1 = \chi_{45}$	1	1	.	.
$21021_1 = \chi_{46}$	.	.	.	.
$21021_2 = \chi_{47}$	.	.	.	1
$21021_3 = \chi_{48}$	1	1	.	.
$21450_1 = \chi_{49}$	.	1	.	.
$21450_2 = \chi_{50}$	.	1	.	.
$23296_1 = \chi_{51}$	.	.	.	.

(Block 1:)	φ_1	φ_2	φ_3	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{12}	φ_{13}	φ_{15}	φ_{16}	φ_{17}	φ_{21}	φ_{23}
$24960_1 = \chi_{52}$	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.
$28028_1 = \chi_{55}$	4	1	.	1	1	.	.	.	1	1	1	1	1	.	.	1
$35035_1 = \chi_{61}$	3	1	1	.	1	.	.	.	.	1	1	1	1	.	1	.
$35035_2 = \chi_{62}$	2	1	.	1	1	.	1	.	.	1	1	.	.	.	.	.
$36608_1 = \chi_{63}$	1	1	.	1	1	.	1	.	.	.	1	.	.	.	.	.
$42042_1 = \chi_{64}$	1	2	1	.	.	1	2	1	.	.	1	.	.	1	.	.
$47775_1 = \chi_{66}$	1	2	1	.	.	1	1	1	.	.	1	.	.	1	.	.
$48048_1 = \chi_{67}$	4	2	1	.	.	1	1	1	1	1	1	1	1	1	1	1
$48048_2 = \chi_{68}$	2	2	1	1	.	.	1	1	.	.	1	1	.	1	.	1
$50050_1 = \chi_{69}$	2	1	.	1	1	1	1	1	.	.	2	.	.	1	.	1
$64064_1 = \chi_{71}$	4	1	1	1	1	1	1	.	.	1	1	1	.	1	1	1

(Block 1:)	φ_{24}	φ_{25}	φ_{26}	φ_{28}
$24960_1 = \chi_{52}$	.	.	.	1
$28028_1 = \chi_{55}$	.	1	.	.
$35035_1 = \chi_{61}$	1	1	.	.
$35035_2 = \chi_{62}$	.	1	.	1
$36608_1 = \chi_{63}$	.	.	1	1
$42042_1 = \chi_{64}$	.	.	1	1
$47775_1 = \chi_{66}$	1	1	.	1
$48048_1 = \chi_{67}$	1	1	.	.
$48048_2 = \chi_{68}$	.	1	.	1
$50050_1 = \chi_{69}$	.	.	1	1
$64064_1 = \chi_{71}$	1	1	.	1

φ_1	=	1_1
φ_2	=	13_1
φ_3	=	64_1
φ_5	=	273_1
φ_6	=	286_1
φ_7	=	428_1
φ_8	=	560_1
φ_9	=	715_1
φ_{10}	=	1000_1
φ_{12}	=	1442_1
φ_{13}	=	1716_1
φ_{15}	=	3367_1
φ_{16}	=	3562_1
φ_{17}	=	4213_1
φ_{21}	=	5277_1
φ_{23}	=	6369_1
φ_{24}	=	9309_1
φ_{25}	=	9996_1
φ_{26}	=	13012_1
φ_{28}	=	20747_1

Block 2:	φ_4	φ_{11}	φ_{18}	φ_{22}	φ_{29}	
$78_1 = \chi_4$	1	.	.	.	.	
$1287_1 = \chi_{13}$	.	1	.	.	.	
$4368_1 = \chi_{18}$	1	.	1	.	.	
$5733_1 = \chi_{23}$	2	1	1	.	.	
$6435_1 = \chi_{27}$	1	.	.	1	.	$\varphi_4 = 78_1$
$9009_1 = \chi_{33}$	1	2	.	1	.	$\varphi_{11} = 1287_1$
$12012_1 = \chi_{34}$	1	1	1	1	.	$\varphi_{18} = 4290_1$
$28665_1 = \chi_{56}$	.	.	.	.	1	$\varphi_{22} = 6357_1$
$29952_1 = \chi_{57}$	.	1	.	.	1	$\varphi_{29} = 28665_1$
$29952_2 = \chi_{58}$	.	1	.	.	1	
$34320_1 = \chi_{59}$	1	1	1	.	1	
$34320_2 = \chi_{60}$	1	1	1	.	1	
$42042_2 = \chi_{65}$	2	2	1	1	1	
$63063_1 = \chi_{70}$	2	1	1	.	2	

Block 3:	φ_{14}	φ_{19}	φ_{20}	φ_{27}	
$2079_1 = \chi_{17}$	1	.	.	.	$\varphi_{14} = 2079_1$
$4752_1 = \chi_{20}$	.	.	1	.	$\varphi_{19} = 4752_1$
$4752_2 = \chi_{21}$	.	1	.	.	$\varphi_{20} = 4752_2$
$15444_1 = \chi_{43}$	.	.	.	1	$\varphi_{27} = 15444_1$
$27027_1 = \chi_{53}$	1	1	1	1	
$27027_2 = \chi_{54}$	1	1	1	1	