

$Ru \pmod{5}$

	blocks	defect	matrix
$G :$	1	3	25×18
	2	1	5×4
	3	0	$21750_1 = \chi_9, \varphi_{15}$
	4	0	$27000_1 = \chi_{11}, \varphi_{18}$
	5	0	$27000_2 = \chi_{12}, \varphi_{19}$
	6	0	$27000_3 = \chi_{13}, \varphi_{20}$
	7	0	$45500_1 = \chi_{20}, \varphi_{24}$
	8	0	$76125_1 = \chi_{26}, \varphi_{28}$
$2.G :$	9	3	25×18

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_{16}	φ_{17}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$378_1 = \chi_2$	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$378_2 = \chi_3$	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
$406_1 = \chi_4$	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$783_1 = \chi_5$	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.
$3276_1 = \chi_6$	1	.	1	.	.	1	1	.	.	.	.	.	.	.	.
$3654_1 = \chi_7$	1	.	1	.	.	.	.	1	.	.	.	.	.	.	.
$23751_1 = \chi_{10}$	.	.	.	1	1	1	.	1	1	.	.	1	.	.	.
$27405_1 = \chi_{14}$	.	.	.	2	2	2	1	.	1	.	.	.	1	.	.
$34944_1 = \chi_{15}$	1	.	2	.	.	1	.	1	.	.	.	.	.	.	.
$34944_2 = \chi_{16}$	.	1	1	1	1	1	1	.	.	.	1	.	1	.	.
$43848_1 = \chi_{17}$	.	.	2	.	.	1	.	.	.	.	1	.	.	.	.
$43848_2 = \chi_{18}$	.	1	1	.	.	.	.	1	.	.	.	1	.	.	1
$43848_3 = \chi_{19}$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$52780_1 = \chi_{21}$	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$63336_1 = \chi_{22}$	.	1	2	1	1	1	.	1	.	.	1	1	.	.	.
$71253_1 = \chi_{24}$	.	.	.	.	.	.	.	.	.	1	.	1	.	1	1
$81432_1 = \chi_{27}$	.	1	1	1	1	1	.	.	.	1	1	1	1	.	1
$95004_1 = \chi_{29}$	.	.	.	1	1	.	.	.	.	1	1	1	.	.	.
$98280_1 = \chi_{30}$	.	.	.	1	1	.	.	.	.	1	1	.	1	.	.
$98280_2 = \chi_{31}$	.	.	.	1	1	.	.	.	.	1	1	.	1	.	.
$105560_1 = \chi_{33}$	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.
$110592_1 = \chi_{34}$	.	.	2	1	1	1	.	1	.	.	1	1	.	1	1
$110592_2 = \chi_{35}$	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$118784_1 = \chi_{36}$	.	1	.	2	2	1	.	.	1	1	1	1	1	.	.

(Block 1:)	φ_{21}	φ_{23}	φ_{26}	
$1_1 = \chi_1$	.	.	.	$\varphi_1 = 1_1$
$378_1 = \chi_2$	.	.	.	$\varphi_2 = 133_1$
$378_2 = \chi_3$	.	.	.	$\varphi_3 = 273_1$
$406_1 = \chi_4$	.	.	.	$\varphi_4 = 378_1$
$783_1 = \chi_5$	.	.	.	$\varphi_5 = 378_2$
$3276_1 = \chi_6$	.	.	.	$\varphi_6 = 783_1$
$3654_1 = \chi_7$	.	.	.	$\varphi_7 = 2219_1$
$23751_1 = \chi_{10}$	.	.	.	$\varphi_8 = 3380_1$
$27405_1 = \chi_{14}$	.	.	.	$\varphi_9 = 3613_1$
$34944_1 = \chi_{15}$	1	.	.	$\varphi_{10} = 8645_1$
$34944_2 = \chi_{16}$	.	.	.	$\varphi_{11} = 12285_1$
$43848_1 = \chi_{17}$	1	.	.	$\varphi_{12} = 15219_1$
$43848_2 = \chi_{18}$	.	.	.	$\varphi_{13} = 18495_1$
$43848_3 = \chi_{19}$	.	1	.	$\varphi_{16} = 22546_1$
$52780_1 = \chi_{21}$	1	.	.	$\varphi_{17} = 24843_1$
$63336_1 = \chi_{22}$	1	.	.	$\varphi_{21} = 30234_1$
$71253_1 = \chi_{24}$	.	.	.	$\varphi_{23} = 43848_1$
$81432_1 = \chi_{27}$	.	.	.	$\varphi_{26} = 58099_1$
$95004_1 = \chi_{29}$	.	.	1	
$98280_1 = \chi_{30}$	.	.	1	
$98280_2 = \chi_{31}$	.	.	1	
$105560_1 = \chi_{33}$	.	1	1	
$110592_1 = \chi_{34}$	1	.	.	
$110592_2 = \chi_{35}$	.	1	1	
$118784_1 = \chi_{36}$	.	.	1	

Block 2:	φ_{14}	φ_{22}	φ_{25}	φ_{27}	
$20475_1 = \chi_8$	1	.	.	.	$\varphi_{14} = 20475_1$
$65975_1 = \chi_{23}$	.	.	.	1	$\varphi_{22} = 36425_1$
$75400_1 = \chi_{25}$	1	.	1	.	$\varphi_{25} = 54925_1$
$91350_1 = \chi_{28}$	.	1	1	.	$\varphi_{27} = 65975_1$
$102400_1 = \chi_{32}$	.	1	.	1	

Block 9:	φ_{29}	φ_{30}	φ_{31}	φ_{32}	φ_{33}	φ_{34}	φ_{35}	φ_{36}	φ_{37}	φ_{38}	φ_{39}	φ_{40}	φ_{41}	φ_{42}
$28_1 = \chi_{37}$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$28_2 = \chi_{38}$	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1248_1 = \chi_{39}$	.	1	.	1	.	.	.	.	.	.	.	.	.	.
$1248_2 = \chi_{40}$	1	.	.	.	1	.	.	.	.	.	.	.	.	.
$3276_2 = \chi_{41}$	.	.	.	.	.	.	.	1	.	.	.	.	.	.
$3276_3 = \chi_{42}$	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$4032_1 = \chi_{43}$	1	1	.	1	.	1	.	.	.	.	.	.	.	.
$4032_2 = \chi_{44}$	1	1	.	.	1	.	1	.	.	.	.	.	.	.
$7280_1 = \chi_{45}$	.	.	.	.	.	.	.	.	.	.	.	1	.	.
$7280_2 = \chi_{46}$	.	.	.	.	.	.	.	.	.	.	.	1	.	.
$7308_1 = \chi_{47}$	.	.	1	.	.	1	.	.	.	1	.	.	.	.
$7308_2 = \chi_{48}$	.	.	1	.	.	.	1	.	.	.	1	.	.	.
$8192_1 = \chi_{49}$	.	.	1	.	.	.	.	.	.	1	1	.	.	.
$8192_2 = \chi_{50}$	.	.	1	.	.	.	.	.	.	.	.	1	.	.
$10556_1 = \chi_{51}$	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$10556_2 = \chi_{52}$	.	.	.	.	.	.	.	.	.	.	.	.	.	1
$34944_3 = \chi_{53}$	.	.	.	.	.	.	.	1	1	.	.	1	1	1
$38976_1 = \chi_{54}$	.	.	.	.	.	.	.	1	.	.	.	.	.	.
$38976_2 = \chi_{55}$	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$48256_1 = \chi_{56}$	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$87696_1 = \chi_{57}$	2	2	1	1	1	1	1	.	.	1	1	.	1	1
$98280_3 = \chi_{58}$	1	2	1	1	.	1	.	.	.	1	1	.	.	.
$98280_4 = \chi_{59}$	2	1	1	.	1	.	1	.	.	1	1	.	.	.
$221184_1 = \chi_{60}$	2	2	2	1	1	1	1	1	1	1	1	1	1	1
$250560_1 = \chi_{61}$	1	1	2	1	1	.	.	2	2	1	1	2	2	2

(Block 9:)	φ_{43}	φ_{44}	φ_{45}	φ_{46}	
$28_1 = \chi_{37}$	.	.	.	.	
$28_2 = \chi_{38}$	.	.	.	.	
$1248_1 = \chi_{39}$	.	.	.	.	$\varphi_{29} = 28_1$
$1248_2 = \chi_{40}$	.	.	.	.	$\varphi_{30} = 28_2$
$3276_2 = \chi_{41}$	.	.	.	.	$\varphi_{31} = 912_1$
$3276_3 = \chi_{42}$	.	.	.	.	$\varphi_{32} = 1220_1$
$4032_1 = \chi_{43}$	.	.	.	.	$\varphi_{33} = 1220_2$
$4032_2 = \chi_{44}$	.	.	.	.	$\varphi_{34} = 2756_1$
$7280_1 = \chi_{45}$	.	.	.	.	$\varphi_{35} = 2756_2$
$7280_2 = \chi_{46}$	.	.	.	.	$\varphi_{36} = 3276_1$
$7308_1 = \chi_{47}$	.	.	.	.	$\varphi_{37} = 3276_2$
$7308_2 = \chi_{48}$	.	.	.	.	$\varphi_{38} = 3640_1$
$8192_1 = \chi_{49}$	.	.	.	.	$\varphi_{39} = 3640_2$
$8192_2 = \chi_{50}$	.	.	.	.	$\varphi_{40} = 7280_1$
$10556_1 = \chi_{51}$	.	.	.	.	$\varphi_{41} = 10556_1$
$10556_2 = \chi_{52}$	.	.	.	.	$\varphi_{42} = 10556_2$
$34944_3 = \chi_{53}$	.	.	.	.	$\varphi_{43} = 35700_1$
$38976_1 = \chi_{54}$	1	.	.	.	$\varphi_{44} = 35700_2$
$38976_2 = \chi_{55}$	.	1	.	.	$\varphi_{45} = 47344_1$
$48256_1 = \chi_{56}$	.	.	1	.	$\varphi_{46} = 50328_1$
$87696_1 = \chi_{57}$	.	.	.	1	
$98280_3 = \chi_{58}$	1	.	.	1	
$98280_4 = \chi_{59}$	.	1	.	1	
$221184_1 = \chi_{60}$	1	1	1	1	
$250560_1 = \chi_{61}$	1	1	1	1	