

$A_{11} \pmod{5}$

	blocks	defect	matrix
$G :$	1	2	13×10
	2	1	5×4
	3	1	5×4
	4	1	5×4
	5	0	$550_1 = \chi_{16}, \varphi_{19}$

	blocks	defect	matrix
	6	0	$825_1 = \chi_{22}, \varphi_{21}$
	7	0	$1100_1 = \chi_{26}, \varphi_{24}$
$2.G :$	8	2	13×10
	9	1	4×2
	10	0	$1200_1 = \chi_{42}, \varphi_{38}$

Block 1:	φ_1	φ_3	φ_6	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{16}	φ_{18}	
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	$\varphi_1 = 1_1$
$44_1 = \chi_3$	1	1	.	.	.	.	.	.	.	.	$\varphi_3 = 43_1$
$126_1 = \chi_7$	.	.	.	1	.	.	.	.	.	.	$\varphi_6 = 89_1$
$126_2 = \chi_8$	.	.	.	.	1	.	.	.	.	.	$\varphi_9 = 126_1$
$132_1 = \chi_9$	.	1	1	.	.	.	.	.	.	.	$\varphi_{10} = 126_2$
$231_1 = \chi_{12}$	.	1	.	.	.	.	.	1	.	.	$\varphi_{11} = 133_1$
$462_1 = \chi_{15}$	1	.	1	.	.	.	.	.	1	.	$\varphi_{12} = 133_2$
$594_1 = \chi_{17}$	.	.	.	.	.	.	.	1	.	1	$\varphi_{13} = 188_1$
$594_2 = \chi_{18}$	.	.	1	.	.	1	.	.	1	.	$\varphi_{16} = 372_1$
$594_3 = \chi_{19}$	.	.	1	.	.	.	1	.	1	.	$\varphi_{18} = 406_1$
$693_1 = \chi_{21}$	1	1	1	.	.	.	.	1	1	.	
$924_1 = \chi_{23}$	.	.	.	1	1	1	1	.	.	1	
$1232_1 = \chi_{28}$	.	.	.	.	.	1	1	1	1	1	

Block 2:	φ_2	φ_{14}	φ_{22}	φ_{25}	
$10_1 = \chi_2$	1	.	.	.	$\varphi_2 = 10_1$
$210_1 = \chi_{11}$	.	1	.	.	$\varphi_{14} = 210_1$
$990_2 = \chi_{25}$	1	.	1	.	$\varphi_{22} = 980_1$
$1540_1 = \chi_{30}$	.	1	.	1	$\varphi_{25} = 1330_1$
$2310_1 = \chi_{31}$	.	.	1	1	

Block 3:	φ_4	φ_8	φ_{15}	φ_{23}	
$45_1 = \chi_4$	1	.	.	.	$\varphi_4 = 45_1$
$120_1 = \chi_6$	.	1	.	.	$\varphi_8 = 120_1$
$330_1 = \chi_{13}$	1	.	1	.	$\varphi_{15} = 285_1$
$1155_1 = \chi_{27}$	.	1	.	1	$\varphi_{23} = 1035_1$
$1320_1 = \chi_{29}$	.	.	1	1	

Block 4:	φ_5	φ_7	φ_{17}	φ_{20}	
$110_1 = \chi_5$	.	1	.	.	$\varphi_5 = 55_1$
$165_1 = \chi_{10}$	1	1	.	.	$\varphi_7 = 110_1$
$385_1 = \chi_{14}$	.	.	1	.	$\varphi_{17} = 385_1$
$660_1 = \chi_{20}$	1	.	.	1	$\varphi_{20} = 605_1$
$990_1 = \chi_{24}$	.	.	1	1	

Block 8:	φ_{26}	φ_{27}	φ_{28}	φ_{29}	φ_{30}	φ_{31}	φ_{33}	φ_{34}	φ_{36}	φ_{37}	
$16_1 = \chi_{32}$	1	.	.	.	.	.	.	.	.	.	$\varphi_{26} = 16_1$
$16_2 = \chi_{33}$	.	1	.	.	.	.	.	.	.	.	$\varphi_{27} = 16_2$
$144_1 = \chi_{34}$	1	1	1	1	.	.	.	.	.	.	$\varphi_{28} = 56_1$
$528_1 = \chi_{35}$	.	.	.	.	1	1	.	.	.	.	$\varphi_{29} = 56_2$
$616_1 = \chi_{37}$	.	.	1	.	.	.	.	1	.	.	$\varphi_{30} = 264_1$
$616_2 = \chi_{38}$	.	.	.	1	.	.	1	.	.	.	$\varphi_{31} = 264_2$
$672_1 = \chi_{39}$	1	1	1	1	1	1	.	.	.	.	$\varphi_{33} = 560_2$
$1232_2 = \chi_{43}$	.	.	.	.	.	1	.	.	1	.	$\varphi_{34} = 560_3$
$1232_3 = \chi_{44}$	.	.	.	.	1	.	.	.	.	1	$\varphi_{36} = 968_1$
$1584_1 = \chi_{46}$	.	.	1	.	.	.	.	1	.	1	$\varphi_{37} = 968_2$
$1584_2 = \chi_{47}$	.	.	.	1	.	.	1	.	1	.	
$1584_3 = \chi_{48}$	1	1	1	.	1	1	.	.	.	1	
$1584_4 = \chi_{49}$	1	1	.	1	1	1	.	.	1	.	

Block 9:	φ_{32}	φ_{35}	
$560_1 = \chi_{36}$	1	.	$\varphi_{32} = 560_1$
$880_1 = \chi_{40}$	.	1	$\varphi_{35} = 880_1$
$880_2 = \chi_{41}$	.	1	
$1440_1 = \chi_{45}$	1	1	