

$ON \pmod{5}$

	blocks	defect	matrix
$G :$	1	1	5×4
	2	1	5×4
	3	1	4×2
	4	0	$32395_1 = \chi_8, \varphi_7$
	5	0	$32395_2 = \chi_9, \varphi_8$
	6	1	4×2
	7	0	$64790_1 = \chi_{16}, \varphi_{14}$
	8	0	$64790_2 = \chi_{17}, \varphi_{15}$
	9	0	$169290_1 = \chi_{21}, \varphi_{17}$
	10	0	$169290_2 = \chi_{22}, \varphi_{18}$
	11	0	$175770_1 = \chi_{25}, \varphi_{19}$
	12	0	$207360_1 = \chi_{26}, \varphi_{20}$
	13	0	$207360_2 = \chi_{27}, \varphi_{21}$
	14	0	$207360_3 = \chi_{28}, \varphi_{22}$
	15	0	$234080_1 = \chi_{29}, \varphi_{23}$
	16	0	$234080_2 = \chi_{30}, \varphi_{24}$
$3.G :$	17	1	5×4
	$18 = 17^*$		
	19	0	$495_1 = \chi_{33}, \varphi_{27}$
	$20 = 19^*$		
	21	0	$495_3 = \chi_{34}, \varphi_{28}$
	$22 = 21^*$		
	23	1	5×4
	$24 = 23^*$		
	25	1	4×2
	$26 = 25^*$		
	27	0	$122760_1 = \chi_{45}, \varphi_{37}$
	$28 = 27^*$		
	29	0	$169290_3 = \chi_{46}, \varphi_{38}$
	$30 = 29^*$		
	31	0	$169290_5 = \chi_{47}, \varphi_{39}$
	$32 = 31^*$		
	33	0	$175770_2 = \chi_{50}, \varphi_{40}$
	$34 = 33^*$		
	35	0	$207360_4 = \chi_{51}, \varphi_{41}$
	$36 = 35^*$		
37	0	$207360_6 = \chi_{52}, \varphi_{42}$	
$38 = 37^*$			
39	0	$207360_8 = \chi_{53}, \varphi_{43}$	
$40 = 39^*$			

	blocks	defect	matrix
	41	0	$253440_1 = \chi_{54}, \varphi_{44}$
	$42 = 41^*$		
	$43 = \overline{42}$	0	$253440_3 = \chi_{55}, \varphi_{45}$
	$44 = 43^*$		

Block 1:	φ_1	φ_2	φ_9	φ_{10}	
$1_1 = \chi_1$	1	.	.	.	$\varphi_1 = 1_1$
$10944_1 = \chi_2$	1	1	.	.	$\varphi_2 = 10943_1$
$37696_1 = \chi_{10}$	.	.	1	.	$\varphi_9 = 37696_1$
$58311_1 = \chi_{12}$	.	1	.	1	$\varphi_{10} = 47368_1$
$85064_1 = \chi_{18}$	.	.	1	1	

Block 2:	φ_3	φ_4	φ_{11}	φ_{12}	
$13376_1 = \chi_3$	1	.	.	.	$\varphi_3 = 13376_1$
$13376_2 = \chi_4$	.	1	.	.	$\varphi_4 = 13376_2$
$58311_2 = \chi_{13}$	.	.	1	.	$\varphi_{11} = 58311_1$
$58311_3 = \chi_{14}$	.	.	.	1	$\varphi_{12} = 58311_2$
$143374_1 = \chi_{20}$	1	1	1	1	

Block 3:	φ_5	φ_6	
$25916_1 = \chi_5$	1	.	$\varphi_5 = 25916_1$
$25916_2 = \chi_6$	1	.	$\varphi_6 = 26752_1$
$26752_1 = \chi_7$	.	1	
$52668_1 = \chi_{11}$	1	1	

Block 6:	φ_{13}	φ_{16}	
$58653_1 = \chi_{15}$	1	.	$\varphi_{13} = 58653_1$
$116963_1 = \chi_{19}$	.	1	$\varphi_{16} = 116963_1$
$175616_1 = \chi_{23}$	1	1	
$175616_2 = \chi_{24}$	1	1	

Blocks 17, 18:	φ_{25}	φ_{26}	φ_{29}	φ_{34}
$342_1 = \chi_{31}$	1	.	.	.
$342_3 = \chi_{32}$	.	1	.	.
$5643_1 = \chi_{35}$	.	.	1	.
$58653_2 = \chi_{41}$	1	1	.	1
$63612_1 = \chi_{42}$	.	.	1	1

$$\begin{aligned} \varphi_{25} &= 342_1 \\ \varphi_{26} &= 342_3 \\ \varphi_{29} &= 5643_1 \\ \varphi_{34} &= 57969_1 \end{aligned}$$

Blocks 23, 24:	φ_{30}	φ_{31}	φ_{32}	φ_{33}
$5643_3 = \chi_{36}$	1	.	.	.
$5643_5 = \chi_{37}$	.	1	.	.
$52668_2 = \chi_{38}$	.	.	1	.
$52668_4 = \chi_{39}$	.	.	.	1
$116622_1 = \chi_{44}$	1	1	1	1

$$\begin{aligned} \varphi_{30} &= 5643_3 \\ \varphi_{31} &= 5643_5 \\ \varphi_{32} &= 52668_1 \\ \varphi_{33} &= 52668_3 \end{aligned}$$

Blocks 25, 26:	φ_{35}	φ_{36}
$58311_4 = \chi_{40}$	1	.
$111321_1 = \chi_{43}$	.	1
$169632_1 = \chi_{48}$	1	1
$169632_3 = \chi_{49}$	1	1

$$\begin{aligned} \varphi_{35} &= 58311_3 \\ \varphi_{36} &= 111321_1 \end{aligned}$$