

$ON.2 \pmod{5}$

	blocks	defect	matrix
$G :$	1	1	5×4
	2	1	5×4
	3	1	4×2
	4	1	5×4
	5	0	$64790_1 = \chi_{8+}, \varphi_{7+}$
	6	1	4×2
	7	1	4×2
	8	0	$129580_1 = \chi_{16+}, \varphi_{14+}$
	9	0	$169290_1 = \chi_{21,0}, \varphi_{17,0}$
	10	0	$169290_2 = \chi_{21,1}, \varphi_{17,1}$
	11	0	$169290_3 = \chi_{22,0}, \varphi_{18,0}$
	12	0	$169290_4 = \chi_{22,1}, \varphi_{18,1}$
	13	0	$175770_1 = \chi_{25,0}, \varphi_{19,0}$
	14	0	$175770_2 = \chi_{25,1}, \varphi_{19,1}$
	15	0	$207360_1 = \chi_{26,0}, \varphi_{20,0}$
	16	0	$207360_2 = \chi_{26,1}, \varphi_{20,1}$
	17	0	$207360_3 = \chi_{27,0}, \varphi_{21,0}$
	18	0	$207360_4 = \chi_{27,1}, \varphi_{21,1}$
	19	0	$207360_5 = \chi_{28,0}, \varphi_{22,0}$
	20	0	$207360_6 = \chi_{28,1}, \varphi_{22,1}$
	21	0	$234080_1 = \chi_{29,0}, \varphi_{23,0}$
	22	0	$234080_2 = \chi_{29,1}, \varphi_{23,1}$
	23	0	$234080_3 = \chi_{30,0}, \varphi_{24,0}$
	24	0	$234080_4 = \chi_{30,1}, \varphi_{24,1}$
$3.G :$	25	1	5×4
	26	0	$990_1 = \chi_{33+}, \varphi_{27+}$
	$27 = \overline{26}$	0	$990_2 = \chi_{34+}, \varphi_{28+}$
	28	1	5×4
	29	1	4×2
	30	0	$245520_1 = \chi_{45+}, \varphi_{37+}$
	31	0	$338580_1 = \chi_{46+}, \varphi_{38+}$
	32	0	$338580_2 = \chi_{47+}, \varphi_{39+}$
	33	0	$351540_1 = \chi_{50+}, \varphi_{40+}$
	34	0	$414720_1 = \chi_{51+}, \varphi_{41+}$
	35	0	$414720_2 = \chi_{52+}, \varphi_{42+}$
	36	0	$414720_3 = \chi_{53+}, \varphi_{43+}$
	37	0	$506880_1 = \chi_{54+}, \varphi_{44+}$
	38	0	$506880_2 = \chi_{55+}, \varphi_{45+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{2,1}$	$\varphi_{9,0}$	$\varphi_{10,1}$	
$1_1 = \chi_{1,0}$	1	.	.	.	$\varphi_{1,0} = 1_1$
$10944_2 = \chi_{2,1}$	1	1	.	.	$\varphi_{2,1} = 10943_2$
$37696_1 = \chi_{10,0}$	.	.	1	.	$\varphi_{9,0} = 37696_1$
$58311_2 = \chi_{12,1}$	.	1	.	1	$\varphi_{10,1} = 47368_2$
$85064_2 = \chi_{18,1}$	.	.	1	1	

Block 2:	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{9,1}$	$\varphi_{10,0}$	
$1_2 = \chi_{1,1}$	1	.	.	.	$\varphi_{1,1} = 1_2$
$10944_1 = \chi_{2,0}$	1	1	.	.	$\varphi_{2,0} = 10943_1$
$37696_2 = \chi_{10,1}$	.	.	1	.	$\varphi_{9,1} = 37696_2$
$58311_1 = \chi_{12,0}$	.	1	.	1	$\varphi_{10,0} = 47368_1$
$85064_1 = \chi_{18,0}$	.	.	1	1	

Block 3:	φ_{3+}	φ_{11+}	
$26752_1 = \chi_{3+}$	1	.	$\varphi_{3+} = 26752_1$
$116622_1 = \chi_{13+}$	.	1	$\varphi_{11+} = 116622_1$
$143374_1 = \chi_{20,0}$	1	1	
$143374_2 = \chi_{20,1}$	1	1	

Block 4:	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$	$\varphi_{6,1}$	
$51832_1 = \chi_{5+}$	1	1	.	.	$\varphi_{5,0} = 25916_1$
$26752_2 = \chi_{7,0}$	.	.	1	.	$\varphi_{5,1} = 25916_2$
$26752_3 = \chi_{7,1}$	.	.	.	1	$\varphi_{6,0} = 26752_2$
$52668_1 = \chi_{11,0}$	1	.	.	1	$\varphi_{6,1} = 26752_3$
$52668_2 = \chi_{11,1}$	.	1	1	.	

Block 6:	$\varphi_{13,0}$	$\varphi_{16,1}$	
$58653_1 = \chi_{15,0}$	1	.	$\varphi_{13,0} = 58653_1$
$116963_2 = \chi_{19,1}$	.	1	$\varphi_{16,1} = 116963_2$
$175616_1 = \chi_{23,0}$	1	1	
$175616_3 = \chi_{24,0}$	1	1	

Block 7:	$\varphi_{13,1}$	$\varphi_{16,0}$		
$58653_2 = \chi_{15,1}$	1	.	$\varphi_{13,1} =$	58653_2
$116963_1 = \chi_{19,0}$	.	1	$\varphi_{16,0} =$	116963_1
$175616_2 = \chi_{23,1}$	1	1		
$175616_4 = \chi_{24,1}$	1	1		

Block 25:	φ_{25+}	φ_{26+}	φ_{29+}	φ_{34+}		
$684_1 = \chi_{31+}$	1	.	.	.	$\varphi_{25+} =$	684_1
$684_2 = \chi_{32+}$	.	1	.	.	$\varphi_{26+} =$	684_2
$11286_1 = \chi_{35+}$	.	.	1	.	$\varphi_{29+} =$	11286_1
$117306_1 = \chi_{41+}$	1	1	.	1	$\varphi_{34+} =$	115938_1
$127224_1 = \chi_{42+}$	.	.	1	1		

Block 28:	φ_{30+}	φ_{31+}	φ_{32+}	φ_{33+}		
$11286_2 = \chi_{36+}$	1	.	.	.	$\varphi_{30+} =$	11286_2
$11286_3 = \chi_{37+}$	.	1	.	.	$\varphi_{31+} =$	11286_3
$105336_1 = \chi_{38+}$	.	.	1	.	$\varphi_{32+} =$	105336_1
$105336_2 = \chi_{39+}$	.	.	.	1	$\varphi_{33+} =$	105336_2
$233244_1 = \chi_{44+}$	1	1	1	1		

Block 29:	φ_{35+}	φ_{36+}		
$116622_2 = \chi_{40+}$	1	.	$\varphi_{35+} =$	116622_2
$222642_1 = \chi_{43+}$	.	1	$\varphi_{36+} =$	222642_1
$339264_1 = \chi_{48+}$	1	1		
$339264_2 = \chi_{49+}$	1	1		