

## $ON.2 \pmod{2}$

	blocks	defect	matrix
$G :$	1	10	$28 \times 5$
	2	4	$7 \times 2$
	3	1	$2 \times 1$
	4	1	$2 \times 1$
	5	1	$2 \times 1$
	6	1	$2 \times 1$
	7	1	$2 \times 1$

	blocks	defect	matrix
$3.G :$	8	9	$20 \times 5$
	9	0	$414720_1 = \chi_{51+}, \varphi_{19+}$
	10	0	$414720_2 = \chi_{52+}, \varphi_{20+}$
	11	0	$414720_3 = \chi_{53+}, \varphi_{21+}$
	12	0	$506880_1 = \chi_{54+}, \varphi_{22+}$
	13	0	$506880_2 = \chi_{55+}, \varphi_{23+}$

<b>Block 1:</b>	$\varphi_{1,0}$	$\varphi_{3,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{8,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.
$1_2 = \chi_{1,1}$	1	.	.	.	.
$51832_1 = \chi_{5+}$	.	.	.	2	.
$64790_1 = \chi_{8+}$	2	2	2	.	.
$52668_1 = \chi_{11,0}$	2	.	1	.	1
$52668_2 = \chi_{11,1}$	2	.	1	.	1
$58311_1 = \chi_{12,0}$	1	1	1	1	.
$58311_2 = \chi_{12,1}$	1	1	1	1	.
$116622_1 = \chi_{13+}$	2	2	2	2	.
$58653_1 = \chi_{15,0}$	1	.	.	1	1
$58653_2 = \chi_{15,1}$	1	.	.	1	1
$129580_1 = \chi_{16+}$	4	4	4	.	.
$85064_1 = \chi_{18,0}$	4	1	2	.	1
$85064_2 = \chi_{18,1}$	4	1	2	.	1
$116963_1 = \chi_{19,0}$	1	1	1	2	1
$116963_2 = \chi_{19,1}$	1	1	1	2	1
$143374_1 = \chi_{20,0}$	4	2	3	1	1
$143374_2 = \chi_{20,1}$	4	2	3	1	1
$169290_1 = \chi_{21,0}$	4	2	3	2	1
$169290_2 = \chi_{21,1}$	4	2	3	2	1
$169290_3 = \chi_{22,0}$	4	2	3	2	1
$169290_4 = \chi_{22,1}$	4	2	3	2	1
$175770_1 = \chi_{25,0}$	6	3	4	1	1
$175770_2 = \chi_{25,1}$	6	3	4	1	1
$234080_1 = \chi_{29,0}$	6	4	5	2	1
$234080_2 = \chi_{29,1}$	6	4	5	2	1
$234080_3 = \chi_{30,0}$	6	4	5	2	1
$234080_4 = \chi_{30,1}$	6	4	5	2	1

$$\begin{aligned}
 \varphi_{1,0} &= 1_1 \\
 \varphi_{3,0} &= 12464_1 \\
 \varphi_{6,0} &= 19930_1 \\
 \varphi_{7,0} &= 25916_1 \\
 \varphi_{8,0} &= 32736_1
 \end{aligned}$$

<b>Block 2:</b>	$\varphi_{2,0}$	$\varphi_{4+}$	
$10944_1 = \chi_{2,0}$	1	.	
$10944_2 = \chi_{2,1}$	1	.	
$26752_1 = \chi_{3+}$	.	1	$\varphi_{2,0} = 10944_1$
$26752_2 = \chi_{7,0}$	.	1	$\varphi_{4+} = 26752_1$
$26752_3 = \chi_{7,1}$	.	1	
$37696_1 = \chi_{10,0}$	1	1	
$37696_2 = \chi_{10,1}$	1	1	

<b>Block 3:</b>	$\varphi_{9,0}$	
$175616_1 = \chi_{23,0}$	1	$\varphi_{9,0} = 175616_1$
$175616_2 = \chi_{23,1}$	1	

<b>Block 4:</b>	$\varphi_{10,0}$	
$175616_3 = \chi_{24,0}$	1	$\varphi_{10,0} = 175616_2$
$175616_4 = \chi_{24,1}$	1	

<b>Block 5:</b>	$\varphi_{11,0}$	
$207360_1 = \chi_{26,0}$	1	$\varphi_{11,0} = 207360_1$
$207360_2 = \chi_{26,1}$	1	

<b>Block 6:</b>	$\varphi_{12,0}$	
$207360_3 = \chi_{27,0}$	1	$\varphi_{12,0} = 207360_2$
$207360_4 = \chi_{27,1}$	1	

<b>Block 7:</b>	$\varphi_{13,0}$	
$207360_5 = \chi_{28,0}$	1	$\varphi_{13,0} = 207360_3$
$207360_6 = \chi_{28,1}$	1	

<b>Block 8:</b>	$\varphi_{14+}$	$\varphi_{15+}$	$\varphi_{16+}$	$\varphi_{17+}$	$\varphi_{18+}$	
$684_1 = \chi_{31+}$	.	1	.	.	.	
$684_2 = \chi_{32+}$	.	1	.	.	.	
$990_1 = \chi_{33+}$	1	1	.	.	.	
$990_2 = \chi_{34+}$	1	1	.	.	.	
$11286_1 = \chi_{35+}$	1	1	1	.	.	
$11286_2 = \chi_{36+}$	1	1	1	.	.	
$11286_3 = \chi_{37+}$	1	1	1	.	.	
$105336_1 = \chi_{38+}$	.	.	1	1	.	$\varphi_{14+} = 306_1$
$105336_2 = \chi_{39+}$	.	.	1	1	.	$\varphi_{15+} = 684_1$
$116622_2 = \chi_{40+}$	1	1	2	1	.	$\varphi_{16+} = 10296_1$
$117306_1 = \chi_{41+}$	1	2	2	1	.	$\varphi_{17+} = 95040_1$
$127224_1 = \chi_{42+}$	2	3	2	.	1	$\varphi_{18+} = 103968_1$
$222642_1 = \chi_{43+}$	1	2	3	2	.	
$233244_1 = \chi_{44+}$	2	4	3	1	1	
$245520_1 = \chi_{45+}$	4	6	4	1	1	
$338580_1 = \chi_{46+}$	2	4	4	2	1	
$338580_2 = \chi_{47+}$	2	4	4	2	1	
$339264_1 = \chi_{48+}$	2	5	4	2	1	
$339264_2 = \chi_{49+}$	2	5	4	2	1	
$351540_1 = \chi_{50+}$	4	7	5	2	1	