

ON.2 (mod 3)

	blocks	defect	matrix
<i>3.G</i> :	1	5	38×16
	2	3	14×7
	3	1	3×2
	4	1	3×2
	5	1	3×2
	6	1	3×2
	7	1	3×2
	8	1	3×2

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	φ_{3+}	φ_{5+}	$\varphi_{10,0}$	$\varphi_{10,1}$	φ_{11+}	$\varphi_{14,0}$	$\varphi_{14,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.
$26752_1 = \chi_{3+}$	.	.	.	.	.	.	1	1	1	.	.
$51832_1 = \chi_{5+}$	1	1	1	1	.	.	.	.	.	.	.
$26752_2 = \chi_{7,0}$	1	1	.	1	.	1	.	.	.	1	.
$26752_3 = \chi_{7,1}$	1	1	1	.	.	1	.	.	.	.	1
$64790_1 = \chi_{8+}$	2	2	1	1	.	1	1	1	.	1	1
$37696_1 = \chi_{10,0}$	1	.	1	1	.	.	1	.	.	.	.
$37696_2 = \chi_{10,1}$	.	1	1	1	.	.	.	1	.	.	.
$129580_1 = \chi_{16+}$	3	3	3	3	1	2	1	1	.	1	1
$85064_1 = \chi_{18,0}$	2	1	2	2	1	1	.	.	.	.	.
$85064_2 = \chi_{18,1}$	1	2	2	2	1	1	.	.	.	.	.
$116963_1 = \chi_{19,0}$	4	2	2	2	.	1	2	1	1	1	1
$116963_2 = \chi_{19,1}$	2	4	2	2	.	1	1	2	1	1	1
$143374_1 = \chi_{20,0}$	1	1	.	1	.	1	1	1	.	1	.
$143374_2 = \chi_{20,1}$	1	1	1	.	.	1	1	1	.	.	1
$175616_1 = \chi_{23,0}$	2	1	2	1	1	1	1	1	.	.	1
$175616_2 = \chi_{23,1}$	1	2	1	2	1	1	1	1	.	1	.
$175616_3 = \chi_{24,0}$	2	1	1	2	1	1	1	1	.	1	.
$175616_4 = \chi_{24,1}$	1	2	2	1	1	1	1	1	.	.	1
$234080_1 = \chi_{29,0}$	2	2	3	2	1	2	1	1	.	.	.
$234080_2 = \chi_{29,1}$	2	2	2	3	1	2	1	1	.	.	.
$234080_3 = \chi_{30,0}$	2	2	2	4	1	1	2	2	1	1	.
$234080_4 = \chi_{30,1}$	2	2	4	2	1	1	2	2	1	.	1
$684_1 = \chi_{31+}$	.	.	.	.	1	.	.	.	.	.	.
$684_2 = \chi_{32+}$	.	.	.	.	1	.	.	.	.	.	.
$990_1 = \chi_{33+}$	.	.	.	.	.	1	.	.	.	.	.
$990_2 = \chi_{34+}$	.	.	.	.	.	1	.	.	.	.	.
$105336_1 = \chi_{38+}$	2	2	1	1	.	2	.	.	.	.	.
$105336_2 = \chi_{39+}$	2	2	2	2	.	.	2	2	2	1	1
$116622_2 = \chi_{40+}$	2	2	2	2	.	.	2	2	2	.	.
$117306_1 = \chi_{41+}$	5	5	2	2	.	2	1	1	.	2	2
$233244_1 = \chi_{44+}$	.	.	.	.	.	.	2	2	.	.	.
$245520_1 = \chi_{45+}$	4	4	6	6	2	2	1	1	.	.	.
$339264_1 = \chi_{48+}$	2	2	3	3	2	2	1	1	.	.	.
$339264_2 = \chi_{49+}$	2	2	3	3	2	2	1	1	.	.	.
$506880_1 = \chi_{54+}$	6	6	6	6	2	4	4	4	1	2	2
$506880_2 = \chi_{55+}$	6	6	6	6	2	4	4	4	1	2	2

(Block 1:)	φ_{15+}	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{19,0}$	$\varphi_{19,1}$	
$1_1 = \chi_{1,0}$	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.
$26752_1 = \chi_{3+}$	.	.	.	.	.
$51832_1 = \chi_{5+}$	1	.	.	.	.
$26752_2 = \chi_{7,0}$	.	.	.	.	.
$26752_3 = \chi_{7,1}$	.	.	.	.	.
$64790_1 = \chi_{8+}$	.	.	.	.	.
$37696_1 = \chi_{10,0}$	.	1	.	.	.	
$37696_2 = \chi_{10,1}$	.	.	1	.	.	
$129580_1 = \chi_{16+}$	.	1	1	.	.	
$85064_1 = \chi_{18,0}$	1	1	.	.	.	
$85064_2 = \chi_{18,1}$	1	.	1	.	.	$\varphi_{1,0} = 1_1$
$116963_1 = \chi_{19,0}$	.	1	.	.	.	$\varphi_{1,1} = 1_2$
$116963_2 = \chi_{19,1}$	.	.	1	.	.	$\varphi_{2,0} = 154_1$
$143374_1 = \chi_{20,0}$	.	.	.	1	.	$\varphi_{2,1} = 154_2$
$143374_2 = \chi_{20,1}$	.	.	.	.	1	$\varphi_{3+} = 684_1$
$175616_1 = \chi_{23,0}$	.	1	.	.	1	$\varphi_{5+} = 990_1$
$175616_2 = \chi_{23,1}$	.	.	1	1	.	$\varphi_{10,0} = 6138_1$
$175616_3 = \chi_{24,0}$	.	1	.	1	.	$\varphi_{10,1} = 6138_2$
$175616_4 = \chi_{24,1}$	.	.	1	.	1	$\varphi_{11+} = 14476_1$
$234080_1 = \chi_{29,0}$	1	1	1	.	1	$\varphi_{14,0} = 25606_1$
$234080_2 = \chi_{29,1}$	1	1	1	1	.	$\varphi_{14,1} = 25606_2$
$234080_3 = \chi_{30,0}$	.	1	1	1	.	$\varphi_{15+} = 51522_1$
$234080_4 = \chi_{30,1}$	.	1	1	.	1	$\varphi_{17,0} = 31249_1$
						$\varphi_{17,1} = 31249_2$
$684_1 = \chi_{31+}$	.	.	.	.	.	$\varphi_{19,0} = 104346_1$
$684_2 = \chi_{32+}$	.	.	.	.	.	$\varphi_{19,1} = 104346_2$
$990_1 = \chi_{33+}$	.	.	.	.	.
$990_2 = \chi_{34+}$	.	.	.	.	.
$105336_1 = \chi_{38+}$	2	.	.	.	.
$105336_2 = \chi_{39+}$	.	.	.	.	.
$116622_2 = \chi_{40+}$	.	1	1	.	.	
$117306_1 = \chi_{41+}$	.	.	.	.	.
$233244_1 = \chi_{44+}$	.	.	.	1	1	
$245520_1 = \chi_{45+}$	2	2	2	.	.	
$339264_1 = \chi_{48+}$	1	1	1	1	1	
$339264_2 = \chi_{49+}$	1	1	1	1	1	
$506880_1 = \chi_{54+}$	.	2	2	1	1	
$506880_2 = \chi_{55+}$	.	2	2	1	1	

Block 2:	$\varphi_{7,0}$	$\varphi_{7,1}$	φ_{8+}	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{18,0}$	$\varphi_{18,1}$
$10944_1 = \chi_{2,0}$	.	.	.	1	.	.	.
$10944_2 = \chi_{2,1}$	.	.	.	.	1	.	.
$52668_1 = \chi_{11,0}$	.	.	.	.	1	1	.
$52668_2 = \chi_{11,1}$	.	.	.	1	.	.	1
$58311_1 = \chi_{12,0}$	1	.	.	1	.	1	.
$58311_2 = \chi_{12,1}$	.	1	.	.	1	.	1
$116622_1 = \chi_{13+}$	.	.	1	1	1	1	1
$58653_1 = \chi_{15,0}$	1	.	1	.	.	1	.
$58653_2 = \chi_{15,1}$	.	1	1	.	.	.	1
$11286_1 = \chi_{35+}$	1	1	.	.	.	.	.
$11286_2 = \chi_{36+}$	.	.	1	.	.	.	.
$11286_3 = \chi_{37+}$	.	.	1	.	.	.	.
$127224_1 = \chi_{42+}$	.	.	.	2	2	1	1
$222642_1 = \chi_{43+}$	1	1	2	1	1	2	2

$$\begin{aligned}
\varphi_{7,0} &= 5643_1 & \varphi_{13,1} &= 10944_2 \\
\varphi_{7,1} &= 5643_2 & \varphi_{18,0} &= 41724_1 \\
\varphi_{8+} &= 11286_1 & \varphi_{18,1} &= 41724_2 \\
\varphi_{13,0} &= 10944_1 & &
\end{aligned}$$

Block 3₁, 3₂:	$\varphi_{20,0}$	$\varphi_{20,1}$
$169290_1 = \chi_{21,0}$	1	.
$169290_2 = \chi_{21,1}$	.	1
$338580_1 = \chi_{46+}$	1	1

$$\begin{aligned}
\varphi_{20,0} &= 169290_1 \\
\varphi_{20,1} &= 169290_2
\end{aligned}$$

Block 4₁, 4₂:	$\varphi_{21,0}$	$\varphi_{21,1}$
$169290_3 = \chi_{22,0}$	1	.
$169290_4 = \chi_{22,1}$	.	1
$338580_2 = \chi_{47+}$	1	1

$$\begin{aligned}
\varphi_{21,0} &= 169290_3 \\
\varphi_{21,1} &= 169290_4
\end{aligned}$$

Block 5₁, 5₂:	$\varphi_{22,0}$	$\varphi_{22,1}$
$175770_1 = \chi_{25,0}$	1	.
$175770_2 = \chi_{25,1}$	.	1
$351540_1 = \chi_{50+}$	1	1

$$\begin{aligned}
\varphi_{22,0} &= 175770_1 \\
\varphi_{22,1} &= 175770_2
\end{aligned}$$

Block 6₁, 6₂:	$\varphi_{23,0}$	$\varphi_{23,1}$
$207360_1 = \chi_{26,0}$	1	.
$207360_2 = \chi_{26,1}$	.	1
$414720_1 = \chi_{51+}$	1	1

$$\begin{aligned} \varphi_{23,0} &= 207360_1 \\ \varphi_{23,1} &= 207360_2 \end{aligned}$$

Block 7₁, 7₂:	$\varphi_{24,0}$	$\varphi_{24,1}$
$207360_3 = \chi_{27,0}$	1	.
$207360_4 = \chi_{27,1}$	.	1
$414720_2 = \chi_{52+}$	1	1

$$\begin{aligned} \varphi_{24,0} &= 207360_3 \\ \varphi_{24,1} &= 207360_4 \end{aligned}$$

Block 8₁, 8₂:	$\varphi_{25,0}$	$\varphi_{25,1}$
$207360_5 = \chi_{28,0}$	1	.
$207360_6 = \chi_{28,1}$	.	1
$414720_3 = \chi_{53+}$	1	1

$$\begin{aligned} \varphi_{25,0} &= 207360_5 \\ \varphi_{25,1} &= 207360_6 \end{aligned}$$