

$ON.2 \pmod{11}$

	blocks	defect	matrix
$G :$	1	1	11×10
	2	1	11×10
	3	0	$26752_1 = \chi_{3+}, \varphi_{4+}$
	4	0	$51832_1 = \chi_{5+}, \varphi_{6+}$
	5	0	$26752_2 = \chi_{7,0}, \varphi_{8,0}$
	6	0	$26752_3 = \chi_{7,1}, \varphi_{8,1}$
	7	0	$64790_1 = \chi_{8+}, \varphi_{11+}$
	8	0	$52668_1 = \chi_{11,0}, \varphi_{14,0}$
	9	0	$52668_2 = \chi_{11,1}, \varphi_{14,1}$
	10	0	$58311_1 = \chi_{12,0}, \varphi_{15,0}$
	11	0	$58311_2 = \chi_{12,1}, \varphi_{15,1}$
	12	0	$116622_1 = \chi_{13+}, \varphi_{16+}$
	13	0	$129580_1 = \chi_{16+}, \varphi_{18+}$
	14	0	$116963_1 = \chi_{19,0}, \varphi_{21,0}$
	15	0	$116963_2 = \chi_{19,1}, \varphi_{21,1}$
	16	0	$143374_1 = \chi_{20,0}, \varphi_{23,0}$
	17	0	$143374_2 = \chi_{20,1}, \varphi_{23,1}$
	18	0	$169290_1 = \chi_{21,0}, \varphi_{25,0}$
	19	0	$169290_2 = \chi_{21,1}, \varphi_{25,1}$
	20	0	$169290_3 = \chi_{22,0}, \varphi_{26,0}$
	21	0	$169290_4 = \chi_{22,1}, \varphi_{26,1}$
	22	0	$234080_1 = \chi_{29,0}, \varphi_{28,0}$
	23	0	$234080_2 = \chi_{29,1}, \varphi_{28,1}$
	24	0	$234080_3 = \chi_{30,0}, \varphi_{29,0}$
	25	0	$234080_4 = \chi_{30,1}, \varphi_{29,1}$
$3.G :$	26	1	11×10
	27	0	$990_1 = \chi_{33+}, \varphi_{32+}$
	$28 = \overline{27}$	0	$990_2 = \chi_{34+}, \varphi_{33+}$
	29	0	$11286_1 = \chi_{35+}, \varphi_{34+}$
	30	0	$11286_2 = \chi_{36+}, \varphi_{35+}$
	$31 = \overline{30}$	0	$11286_3 = \chi_{37+}, \varphi_{36+}$
	32	0	$105336_1 = \chi_{38+}, \varphi_{40+}$
	33	0	$105336_2 = \chi_{39+}, \varphi_{41+}$
	34	0	$116622_2 = \chi_{40+}, \varphi_{42+}$
	35	0	$233244_1 = \chi_{44+}, \varphi_{46+}$
	36	0	$245520_1 = \chi_{45+}, \varphi_{47+}$
	37	0	$338580_1 = \chi_{46+}, \varphi_{49+}$
	38	0	$338580_2 = \chi_{47+}, \varphi_{50+}$
	39	0	$506880_1 = \chi_{54+}, \varphi_{52+}$
	40	0	$506880_2 = \chi_{55+}, \varphi_{53+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{9,0}$	$\varphi_{10,0}$	$\varphi_{13,0}$	$\varphi_{20,0}$	$\varphi_{22,0}$	$\varphi_{24,0}$	$\varphi_{27,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$10944_1 = \chi_{2,0}$	1	.	1	.	.	.	.	.	.	.
$37696_1 = \chi_{10,0}$	.	1	.	1	.	.	.	.	.	.
$58653_1 = \chi_{15,0}$	.	.	.	1	1	.	.	.	.	.
$85064_1 = \chi_{18,0}$	.	1	.	.	.	.	1	.	.	.
$175616_1 = \chi_{23,0}$	.	.	.	.	.	1	.	1	.	.
$175616_3 = \chi_{24,0}$	.	.	.	.	.	.	.	.	.	1
$175770_1 = \chi_{25,0}$	.	.	1	.	.	.	.	.	1	.
$207360_1 = \chi_{26,0}$	.	.	.	.	.	1	.	.	1	.
$207360_3 = \chi_{27,0}$	.	.	.	.	.	.	1	1	.	.
$207360_5 = \chi_{28,0}$	.	.	.	.	1	.	.	.	.	1

$$\begin{aligned}
\varphi_{1,0} &= 1_1 & \varphi_{13,0} &= 42533_1 \\
\varphi_{2,0} &= 10787_1 & \varphi_{20,0} &= 74277_1 \\
\varphi_{3,0} &= 10943_1 & \varphi_{22,0} &= 133083_1 \\
\varphi_{9,0} &= 26909_1 & \varphi_{24,0} &= 164827_1 \\
\varphi_{10,0} &= 31744_1 & \varphi_{27,0} &= 175616_1
\end{aligned}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{2,1}$	$\varphi_{3,1}$	$\varphi_{9,1}$	$\varphi_{10,1}$	$\varphi_{13,1}$	$\varphi_{20,1}$	$\varphi_{22,1}$	$\varphi_{24,1}$	$\varphi_{27,1}$
$1_2 = \chi_{1,1}$	1	.	.	.	.	.	.	.	.	.
$10944_2 = \chi_{2,1}$	1	.	1	.	.	.	.	.	.	.
$37696_2 = \chi_{10,1}$	.	1	.	1	.	.	.	.	.	.
$58653_2 = \chi_{15,1}$	.	.	.	1	1	.	.	.	.	.
$85064_2 = \chi_{18,1}$	.	1	.	.	.	.	1	.	.	.
$175616_2 = \chi_{23,1}$	.	.	.	.	.	1	.	1	.	.
$175616_4 = \chi_{24,1}$	.	.	.	.	.	.	.	.	.	1
$175770_2 = \chi_{25,1}$	.	.	1	.	.	.	.	.	1	.
$207360_2 = \chi_{26,1}$	.	.	.	.	.	1	.	.	1	.
$207360_4 = \chi_{27,1}$	.	.	.	.	.	.	1	1	.	.
$207360_6 = \chi_{28,1}$	.	.	.	.	1	.	.	.	.	1

$$\begin{aligned}
\varphi_{1,1} &= 1_2 & \varphi_{13,1} &= 42533_2 \\
\varphi_{2,1} &= 10787_2 & \varphi_{20,1} &= 74277_2 \\
\varphi_{3,1} &= 10943_2 & \varphi_{22,1} &= 133083_2 \\
\varphi_{9,1} &= 26909_2 & \varphi_{24,1} &= 164827_2 \\
\varphi_{10,1} &= 31744_2 & \varphi_{27,1} &= 175616_2
\end{aligned}$$

Block 26:	φ_{30+}	φ_{31+}	φ_{37+}	φ_{38+}	φ_{39+}	φ_{43+}	φ_{44+}	φ_{45+}	φ_{48+}	φ_{51+}
$684_1 = \chi_{31+}$	1	.	.	.	.	.	.	.	.	.
$684_2 = \chi_{32+}$	.	1	.	.	.	.	.	.	.	.
$117306_1 = \chi_{41+}$	.	.	1	1	.	.	.	.	.	.
$127224_1 = \chi_{42+}$	.	.	1	.	1	.	.	.	.	.
$222642_1 = \chi_{43+}$	.	.	.	.	.	.	.	1	.	.
$339264_1 = \chi_{48+}$	.	.	.	.	.	1	1	.	.	.
$339264_2 = \chi_{49+}$	.	.	.	.	.	.	.	.	.	1
$351540_1 = \chi_{50+}$	.	.	.	.	1	.	.	.	1	.
$414720_1 = \chi_{51+}$	.	.	.	1	.	.	.	.	.	1
$414720_2 = \chi_{52+}$	.	.	.	.	.	.	1	1	.	.
$414720_3 = \chi_{53+}$	1	1	.	.	.	1	.	.	1	.

$$\begin{array}{ll}
\varphi_{30+} & = 684_1 \\
\varphi_{31+} & = 684_2 \\
\varphi_{37+} & = 41850_1 \\
\varphi_{38+} & = 75456_1 \\
\varphi_{39+} & = 85374_1 \\
\varphi_{43+} & = 147186_1 \\
\varphi_{44+} & = 192078_1 \\
\varphi_{45+} & = 222642_1 \\
\varphi_{48+} & = 266166_1 \\
\varphi_{51+} & = 339264_1
\end{array}$$