

$ON \pmod{11}$

	blocks	defect	matrix
$G :$	1	1	11×10
	2	0	$13376_1 = \chi_3, \varphi_4$
	$3 = \bar{2}$	0	$13376_2 = \chi_4, \varphi_5$
	4	0	$25916_1 = \chi_5, \varphi_6$
	$5 = \bar{4}$	0	$25916_2 = \chi_6, \varphi_7$
	6	0	$26752_1 = \chi_7, \varphi_8$
	7	0	$32395_1 = \chi_8, \varphi_{11}$
	8	0	$32395_2 = \chi_9, \varphi_{12}$
	9	0	$52668_1 = \chi_{11}, \varphi_{14}$
	10	0	$58311_1 = \chi_{12}, \varphi_{15}$
	11	0	$58311_2 = \chi_{13}, \varphi_{16}$
	12	0	$58311_3 = \chi_{14}, \varphi_{17}$
	13	0	$64790_1 = \chi_{16}, \varphi_{18}$
	14	0	$64790_2 = \chi_{17}, \varphi_{19}$
	15	0	$116963_1 = \chi_{19}, \varphi_{21}$
	16	0	$143374_1 = \chi_{20}, \varphi_{23}$
	17	0	$169290_1 = \chi_{21}, \varphi_{25}$
	18	0	$169290_2 = \chi_{22}, \varphi_{26}$
	19	0	$234080_1 = \chi_{29}, \varphi_{28}$
	20	0	$234080_2 = \chi_{30}, \varphi_{29}$
$3.G :$	21	1	11×10
	$22 = 21^*$		
	23	0	$495_1 = \chi_{33}, \varphi_{32}$
	$24 = 23^*$		
	25	0	$495_3 = \chi_{34}, \varphi_{33}$
	$26 = 25^*$		
	27	0	$5643_1 = \chi_{35}, \varphi_{34}$
	$28 = 27^*$		
	29	0	$5643_3 = \chi_{36}, \varphi_{35}$
	$30 = 29^*$		
	31	0	$5643_5 = \chi_{37}, \varphi_{36}$
	$32 = 31^*$		
	33	0	$52668_2 = \chi_{38}, \varphi_{40}$
	$34 = 33^*$		
	35	0	$52668_4 = \chi_{39}, \varphi_{41}$
	$36 = 35^*$		
	37	0	$58311_4 = \chi_{40}, \varphi_{42}$
	$38 = 37^*$		
	39	0	$116622_1 = \chi_{44}, \varphi_{46}$
	$40 = 39^*$		

	blocks	defect	matrix
	41	0	$122760_1 = \chi_{45}, \varphi_{47}$
	$42 = 41^*$		
	43	0	$169290_3 = \chi_{46}, \varphi_{49}$
	$44 = 43^*$		
	45	0	$169290_5 = \chi_{47}, \varphi_{50}$
	$46 = 45^*$		
	47	0	$253440_1 = \chi_{54}, \varphi_{52}$
	$48 = 47^*$		
	$49 = \overline{48}$	0	$253440_3 = \chi_{55}, \varphi_{53}$
	$50 = 49^*$		

Block 1:	φ_1	φ_2	φ_3	φ_9	φ_{10}	φ_{13}	φ_{20}	φ_{22}	φ_{24}	φ_{27}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.
$10944_1 = \chi_2$	1	.	1	.	.	.	.	.	.	.
$37696_1 = \chi_{10}$	.	1	.	1	.	.	.	.	.	.
$58653_1 = \chi_{15}$	.	.	.	1	1	.	.	.	.	.
$85064_1 = \chi_{18}$	.	1	.	.	.	.	1	.	.	.
$175616_1 = \chi_{23}$	.	.	.	.	.	1	.	1	.	.
$175616_2 = \chi_{24}$	.	.	.	.	.	.	.	.	.	1
$175770_1 = \chi_{25}$	.	.	1	.	.	.	.	.	1	.
$207360_1 = \chi_{26}$	.	.	.	.	.	1	.	.	1	.
$207360_2 = \chi_{27}$	.	.	.	.	.	.	1	1	.	.
$207360_3 = \chi_{28}$	.	.	.	.	1	.	.	.	.	1

$$\begin{array}{ll}
\varphi_1 & = 1_1 \\
\varphi_2 & = 10787_1 \\
\varphi_3 & = 10943_1 \\
\varphi_9 & = 26909_1 \\
\varphi_{10} & = 31744_1 \\
\varphi_{13} & = 42533_1 \\
\varphi_{20} & = 74277_1 \\
\varphi_{22} & = 133083_1 \\
\varphi_{24} & = 164827_1 \\
\varphi_{27} & = 175616_1
\end{array}$$

Blocks 21, 22:	φ_{30}	φ_{31}	φ_{37}	φ_{38}	φ_{39}	φ_{43}	φ_{44}	φ_{45}	φ_{48}	φ_{51}
$342_1 = \chi_{31}$	1	.	.	.	.	.	.	.	.	.
$342_3 = \chi_{32}$	.	1	.	.	.	.	.	.	.	.
$58653_2 = \chi_{41}$	.	.	1	1	.	.	.	.	.	.
$63612_1 = \chi_{42}$	.	.	1	.	1	.	.	.	.	.
$111321_1 = \chi_{43}$	.	.	.	.	.	.	.	1	.	.
$169632_1 = \chi_{48}$	.	.	.	.	.	1	1	.	.	.
$169632_3 = \chi_{49}$	.	.	.	.	.	.	.	.	.	1
$175770_2 = \chi_{50}$	.	.	.	.	1	.	.	.	1	.
$207360_4 = \chi_{51}$	.	.	.	1	.	.	.	.	.	1
$207360_6 = \chi_{52}$	.	.	.	.	.	.	1	1	.	.
$207360_8 = \chi_{53}$	1	1	.	.	.	1	.	.	1	.

$$\begin{array}{ll}
\varphi_{30} & = 342_1 \\
\varphi_{31} & = 342_3 \\
\varphi_{37} & = 20925_1 \\
\varphi_{38} & = 37728_1 \\
\varphi_{39} & = 42687_1 \\
\varphi_{43} & = 73593_1 \\
\varphi_{44} & = 96039_1 \\
\varphi_{45} & = 111321_1 \\
\varphi_{48} & = 133083_2 \\
\varphi_{51} & = 169632_1
\end{array}$$