

$M^c L.2 \pmod{11}$

	blocks	defect	matrix
$G :$	1	1	7×5
	2	1	7×5
	3	0	$22_1 = \chi_{2,0}, \varphi_{2,0}$
	4	0	$22_2 = \chi_{2,1}, \varphi_{2,1}$
	5	0	$231_1 = \chi_{3,0}, \varphi_{3,0}$
	6	0	$231_2 = \chi_{3,1}, \varphi_{3,1}$
	7	0	$1540_1 = \chi_{5+}, \varphi_{5+}$
	8	0	$3520_1 = \chi_{10,0}, \varphi_{9,0}$
	9	0	$3520_2 = \chi_{10,1}, \varphi_{9,1}$
	10	0	$3520_3 = \chi_{11,0}, \varphi_{10,0}$
	$11 = \overline{10}$	0	$3520_4 = \chi_{11,1}, \varphi_{10,1}$
	12	0	$4752_1 = \chi_{13,0}, \varphi_{12,0}$
	$13 = \overline{12}$	0	$4752_2 = \chi_{13,1}, \varphi_{12,1}$
	14	0	$5544_1 = \chi_{15,0}, \varphi_{13,0}$
	15	0	$5544_2 = \chi_{15,1}, \varphi_{13,1}$
	16	0	$16038_1 = \chi_{16+}, \varphi_{14+}$
	17	0	$16500_1 = \chi_{18+}, \varphi_{16+}$
	18	0	$9625_1 = \chi_{20,0}, \varphi_{18,0}$
	19	0	$9625_2 = \chi_{20,1}, \varphi_{18,1}$
	20	0	$19712_1 = \chi_{21+}, \varphi_{19+}$
	21	0	$20790_1 = \chi_{23+}, \varphi_{21+}$
$3.G :$	22	1	7×5
	23	0	$1584_1 = \chi_{27+}, \varphi_{24+}$
	24	0	$3960_1 = \chi_{28+}, \varphi_{25+}$
	25	0	$4752_3 = \chi_{29+}, \varphi_{26+}$
	26	0	$4752_4 = \chi_{30+}, \varphi_{27+}$
	27	0	$5544_3 = \chi_{33+}, \varphi_{31+}$
	28	0	$9504_1 = \chi_{34+}, \varphi_{32+}$
	29	0	$12672_1 = \chi_{36+}, \varphi_{33+}$
	30	0	$12672_2 = \chi_{37+}, \varphi_{34+}$
	31	0	$16038_2 = \chi_{39+}, \varphi_{36+}$
	32	0	$16038_3 = \chi_{40+}, \varphi_{37+}$
	33	0	$20790_2 = \chi_{42+}, \varphi_{38+}$
	34	0	$20790_3 = \chi_{43+}, \varphi_{39+}$
	35	0	$20790_4 = \chi_{44+}, \varphi_{40+}$
	36	0	$24750_1 = \chi_{45+}, \varphi_{41+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{4,0}$	$\varphi_{7,0}$	$\varphi_{8,1}$	$\varphi_{11,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.
$252_1 = \chi_{4,0}$	1	1	.	.	.
$896_1 = \chi_{7,0}$	.	.	1	.	.
$896_3 = \chi_{8,0}$	.	.	1	.	.
$1750_2 = \chi_{9,1}$	.	1	.	1	.
$4500_2 = \chi_{12,1}$	.	.	1	.	1
$5103_2 = \chi_{14,1}$	.	.	.	1	1

$$\begin{aligned} \varphi_{1,0} &= 1_1 \\ \varphi_{4,0} &= 251_1 \\ \varphi_{7,0} &= 896_1 \\ \varphi_{8,1} &= 1499_2 \\ \varphi_{11,1} &= 3604_2 \end{aligned}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{4,1}$	$\varphi_{7,1}$	$\varphi_{8,0}$	$\varphi_{11,0}$
$1_2 = \chi_{1,1}$	1	.	.	.	.
$252_2 = \chi_{4,1}$	1	1	.	.	.
$896_2 = \chi_{7,1}$	.	.	1	.	.
$896_4 = \chi_{8,1}$	.	.	1	.	.
$1750_1 = \chi_{9,0}$	.	1	.	1	.
$4500_1 = \chi_{12,0}$	.	.	1	.	1
$5103_1 = \chi_{14,0}$	.	.	.	1	1

$$\begin{aligned} \varphi_{1,1} &= 1_2 \\ \varphi_{4,1} &= 251_2 \\ \varphi_{7,1} &= 896_2 \\ \varphi_{8,0} &= 1499_1 \\ \varphi_{11,0} &= 3604_1 \end{aligned}$$

Block 22:	φ_{23+}	φ_{28+}	φ_{29+}	φ_{30+}	φ_{35+}
$252_3 = \chi_{25+}$	1	.	.	.	.
$252_4 = \chi_{26+}$	1	.	.	.	.
$5040_1 = \chi_{31+}$	1	1	.	.	.
$5040_2 = \chi_{32+}$	.	.	1	.	.
$10206_1 = \chi_{35+}$	.	.	1	1	.
$15750_1 = \chi_{38+}$	.	1	.	.	1
$16128_1 = \chi_{41+}$	.	.	.	1	1

$$\begin{aligned} \varphi_{23+} &= 252_1 \\ \varphi_{28+} &= 4788_1 \\ \varphi_{29+} &= 5040_1 \\ \varphi_{30+} &= 5166_1 \\ \varphi_{35+} &= 10962_1 \end{aligned}$$