

$J_3.2 \pmod{5}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	1	5×4		14	0	$1920_2 = \chi_{14,1}, \varphi_{11,1}$
	2	0	$170_1 = \chi_{2+}, \varphi_{2+}$		15	0	$1920_3 = \chi_{15,0}, \varphi_{12,0}$
	3	1	5×4		16	0	$1920_4 = \chi_{15,1}, \varphi_{12,1}$
	4	1	5×4		17	0	$1920_5 = \chi_{16,0}, \varphi_{13,0}$
	5	0	$1140_1 = \chi_{10,0}, \varphi_{7,0}$		18	0	$1920_6 = \chi_{16,1}, \varphi_{13,1}$
	6	0	$1140_2 = \chi_{10,1}, \varphi_{7,1}$	$3.G :$	19	1	4×2
	7	0	$1215_1 = \chi_{11,0}, \varphi_{8,0}$		20	1	4×2
	8	0	$1215_2 = \chi_{11,1}, \varphi_{8,1}$		21	1	4×2
	9	0	$1215_3 = \chi_{12,0}, \varphi_{9,0}$		22	0	$2430_1 = \chi_{30+}, \varphi_{20+}$
	10	0	$1215_4 = \chi_{12,1}, \varphi_{9,1}$		23	0	$2430_2 = \chi_{31+}, \varphi_{21+}$
	11	0	$1615_1 = \chi_{13,0}, \varphi_{10,0}$		24	0	$3060_1 = \chi_{32+}, \varphi_{22+}$
	12	0	$1615_2 = \chi_{13,1}, \varphi_{10,1}$		25	0	$3060_2 = \chi_{33+}, \varphi_{23+}$
	13	0	$1920_1 = \chi_{14,0}, \varphi_{11,0}$		26	0	$6120_1 = \chi_{37+}, \varphi_{26+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$
$1_1 = \chi_{1,0}$	1	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.
$646_1 = \chi_{4+}$	.	.	1	1
$324_1 = \chi_{6,0}$	1	.	1	.
$324_2 = \chi_{6,1}$	.	1	.	1

$$\begin{aligned}
 \varphi_{1,0} &= 1_1 \\
 \varphi_{1,1} &= 1_2 \\
 \varphi_{4,0} &= 323_1 \\
 \varphi_{4,1} &= 323_2
 \end{aligned}$$

Block 3:	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{15,0}$	$\varphi_{15,1}$
$1292_1 = \chi_{7+}$	1	1	.	.
$2432_1 = \chi_{19,0}$	.	.	1	.
$2432_2 = \chi_{19,1}$	.	.	.	1
$3078_1 = \chi_{21,0}$	1	.	1	.
$3078_2 = \chi_{21,1}$	.	1	.	1

$$\begin{aligned}
 \varphi_{5,0} &= 646_1 \\
 \varphi_{5,1} &= 646_2 \\
 \varphi_{15,0} &= 2432_1 \\
 \varphi_{15,1} &= 2432_2
 \end{aligned}$$

Block 4:	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{14,0}$	$\varphi_{14,1}$
$816_1 = \chi_{9,0}$	1	.	.	.
$816_2 = \chi_{9,1}$	.	1	.	.
$3876_1 = \chi_{17+}$	.	.	1	1
$2754_1 = \chi_{20,0}$	.	1	1	.
$2754_2 = \chi_{20,1}$	1	.	.	1

$$\begin{aligned}
 \varphi_{6,0} &= 816_1 \\
 \varphi_{6,1} &= 816_2 \\
 \varphi_{14,0} &= 1938_1 \\
 \varphi_{14,1} &= 1938_2
 \end{aligned}$$

Block 19:	φ_{16+}	φ_{24+}		
$36_1 = \chi_{22+}$	1	.	$\varphi_{16+} =$	36_1
$36_2 = \chi_{23+}$	1	.	$\varphi_{24+} =$	5472_1
$5472_1 = \chi_{34+}$	.	1		
$5508_1 = \chi_{35+}$	1	1		

Block 20:	φ_{17+}	φ_{18+}		
$306_1 = \chi_{24+}$	1	.	$\varphi_{17+} =$	306_1
$306_2 = \chi_{25+}$	1	.	$\varphi_{18+} =$	342_1
$342_1 = \chi_{26+}$	.	1		
$648_1 = \chi_{29+}$	1	1		

Block 21:	φ_{19+}	φ_{25+}		
$342_2 = \chi_{27+}$	1	.	$\varphi_{19+} =$	342_2
$342_3 = \chi_{28+}$	1	.	$\varphi_{25+} =$	5814_1
$5814_1 = \chi_{36+}$	.	1		
$6156_1 = \chi_{38+}$	1	1		