

$A_6.2_2 \pmod{5}$

	blocks	defect	matrix
$G :$	1	1	4×2
	2	1	4×2
	3	0	$10_1 = \chi_{2+}, \varphi_{2+}$
	4	0	$10_2 = \chi_{7,0}, \varphi_{5,0}$
	5	0	$10_3 = \chi_{7,1}, \varphi_{5,1}$
$2.G :$	6	1	5×1
	7	0	$10_4 = \chi_{12,0}, \varphi_{8,0}$

	blocks	defect	matrix
	8	0	$10_5 = \chi_{12,1}, \varphi_{8,1}$
	9	0	$10_6 = \chi_{13,0}, \varphi_{9,0}$
	10	0	$10_7 = \chi_{13,1}, \varphi_{9,1}$
$3.G :$	11	1	4×2
	12	0	$30_1 = \chi_{18+}, \varphi_{12+}$
$6.G :$	13	1	4×2

Block 1:	$\varphi_{1,0}$	$\varphi_{4,1}$
$1_1 = \chi_{1,0}$	1	.
$8_2 = \chi_{4,1}$	.	1
$8_4 = \chi_{5,1}$	.	1
$9_1 = \chi_{6,0}$	1	1

$$\begin{aligned} \varphi_{1,0} &= 1_1 \\ \varphi_{4,1} &= 8_2 \end{aligned}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{4,0}$
$1_2 = \chi_{1,1}$	1	.
$8_1 = \chi_{4,0}$	.	1
$8_3 = \chi_{5,0}$	.	1
$9_2 = \chi_{6,1}$	1	1

$$\begin{aligned} \varphi_{1,1} &= 1_2 \\ \varphi_{4,0} &= 8_1 \end{aligned}$$

Block 6:	φ_{6+}
$8_5 = \chi_{8+}$	1
$8_6 = \chi_{10,0}$	1
$8_7 = \chi_{10,1}$	1
$8_8 = \chi_{11,0}$	1
$8_9 = \chi_{11,1}$	1

$$\varphi_{6+} = 8_3$$

Block 11:	φ_{10+}	φ_{11+}
$6_1 = \chi_{14+}$	1	.
$6_2 = \chi_{15+}$	1	.
$12_1 = \chi_{16+}$	.	1
$18_1 = \chi_{17+}$	1	1

$$\begin{aligned} \varphi_{10+} &= 6_1 \\ \varphi_{11+} &= 12_1 \end{aligned}$$

Block 13:	φ_{13+}	φ_{14+}		
$12_2 = \chi_{19+}$	1	.	φ_{13+}	= 12_2
$12_3 = \chi_{20+}$	.	1	φ_{14+}	= 12_3
$24_1 = \chi_{21+}$	1	1		
$24_2 = \chi_{22+}$	1	1		