$A_6.2_2$ (mod 3)

	blocks	defect	matrix
$3.G:$	1	3	13×8
	2	1	3×2
$6.G:$	3	3	13×8

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.
$10_1 = \chi_{2+}$	1	1	.	.	.	.	1	1
$8_1 = \chi_{4,0}$	1	.	.	1	.	.	1	.
$8_2 = \chi_{4,1}$	.	1	1	.	.	.	.	1
$8_3 = \chi_{5,0}$	1	.	.	.	.	1	.	1
$8_4 = \chi_{5,1}$	.	1	.	.	1	.	1	.
$10_2 = \chi_{7,0}$	.	.	1	.	.	1	.	1
$10_3 = \chi_{7,1}$	.	.	.	1	1	.	1	.
$6_1 = \chi_{14+}$	.	.	1	1	.	.	.	.
$6_2 = \chi_{15+}$	.	.	.	.	1	1	.	.
$12_1 = \chi_{16+}$	2	2	.	.	.	.	1	1
$30_1 = \chi_{18+}$	1	1	1	1	1	1	2	2

$$\varphi_{1,0} = 1_1$$
$$\varphi_{1,1} = 1_2$$
$$\varphi_{2,0} = 3_1$$
$$\varphi_{2,1} = 3_2$$
$$\varphi_{3,0} = 3_3$$
$$\varphi_{3,1} = 3_4$$
$$\varphi_{4,0} = 4_1$$
$$\varphi_{4,1} = 4_2$$

Block 2_1, 2_2:	$\varphi_{5,0}$	$\varphi_{5,1}$
$9_1 = \chi_{6,0}$	1	.
$9_2 = \chi_{6,1}$	.	1
$18_1 = \chi_{17+}$	1	1

$$\varphi_{5,0} = 9_1$$
$$\varphi_{5,1} = 9_2$$

Block 3:	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{9,0}$	$\varphi_{9,1}$
$8_5 = \chi_{8+}$	1	1	1	1	.	.	.	.
$8_6 = \chi_{10,0}$	.	.	1	.	1	.	.	.
$8_7 = \chi_{10,1}$	.	.	.	1	.	1	.	.
$8_8 = \chi_{11,0}$	1	.	.	.	.	.	1	.
$8_9 = \chi_{11,1}$	.	1	.	.	.	.	.	1
$10_4 = \chi_{12,0}$	1	.	.	1	.	1	.	.
$10_5 = \chi_{12,1}$	.	1	1	.	1	.	.	.
$10_6 = \chi_{13,0}$	1	.	1	.	.	.	1	.
$10_7 = \chi_{13,1}$	.	1	.	1	.	.	.	1
$12_2 = \chi_{19+}$	.	.	.	.	1	1	.	.
$12_3 = \chi_{20+}$	.	.	.	.	.	.	1	1
$24_1 = \chi_{21+}$	2	2	1	1	.	.	1	1
$24_2 = \chi_{22+}$	1	1	2	2	1	1	.	.

$$\varphi_{6,0} = 2_1$$
$$\varphi_{6,1} = 2_2$$
$$\varphi_{7,0} = 2_3$$
$$\varphi_{7,1} = 2_4$$
$$\varphi_{8,0} = 6_1$$
$$\varphi_{8,1} = 6_2$$
$$\varphi_{9,0} = 6_3$$
$$\varphi_{9,1} = 6_4$$