$A_6.2_2$ (mod 2)

	blocks	defect	matrix
$2.G:$	1	5	12×2
	2	2	4×1
	3	2	4×1
$6.G:$	4	4	9×3

Block 1:	$\varphi_{1,0}$	φ_{2+}
$1_1 = \chi_{1,0}$	1	.
$1_2 = \chi_{1,1}$	1	.
$10_1 = \chi_{2+}$	2	1
$9_1 = \chi_{6,0}$	1	1
$9_2 = \chi_{6,1}$	1	1
$10_2 = \chi_{7,0}$	2	1
$10_3 = \chi_{7,1}$	2	1
$8_5 = \chi_{8+}$	.	1
$10_4 = \chi_{12,0}$	2	1
$10_5 = \chi_{12,1}$	2	1
$10_6 = \chi_{13,0}$	2	1
$10_7 = \chi_{13,1}$	2	1

$\varphi_{1,0} = 1_1$
$\varphi_{2+} = 8_1$

Block 2:	$\varphi_{4,0}$
$8_1 = \chi_{4,0}$	1
$8_2 = \chi_{4,1}$	1
$8_6 = \chi_{10,0}$	1
$8_7 = \chi_{10,1}$	1

$\varphi_{4,0} = 8_2$

Block 3:	$\varphi_{5,0}$
$8_3 = \chi_{5,0}$	1
$8_4 = \chi_{5,1}$	1
$8_8 = \chi_{11,0}$	1
$8_9 = \chi_{11,1}$	1

$\varphi_{5,0} = 8_3$

Block 4:	φ_{6+}	φ_{7+}	φ_{8+}
$6_1 = \chi_{14+}$	1	.	.
$6_2 = \chi_{15+}$	.	1	.
$12_1 = \chi_{16+}$	1	1	.
$18_1 = \chi_{17+}$	.	.	1
$30_1 = \chi_{18+}$	1	1	1
$12_2 = \chi_{19+}$	1	1	.
$12_3 = \chi_{20+}$	1	1	.
$24_1 = \chi_{21+}$	.	1	1
$24_2 = \chi_{22+}$	1	.	1

$\varphi_{6+} = 6_1$
$\varphi_{7+} = 6_2$
$\varphi_{8+} = 18_1$