

## $A_6 \cdot 2_3 \pmod{5}$

	blocks	defect	matrix
$G :$	1	1	$5 \times 4$
	2	0	$10_1 = \chi_{2+}, \varphi_{2+}$
	3	0	$10_2 = \chi_{7,0}, \varphi_{5,0}$
	$4 = \bar{3}$	0	$10_3 = \chi_{7,1}, \varphi_{5,1}$
$3.G :$	5	1	$5 \times 4$

	blocks	defect	matrix
	$6 = 5^*$		
	7	0	$15_1 = \chi_{18,0}, \varphi_{12,0}$
	8	0	$15_2 = \chi_{18,1}, \varphi_{12,1}$
	$9 = 7^*$		
	$10 = 8^*$		

<b>Block 1:</b>	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	
$1_1 = \chi_{1,0}$	1	.	.	.	$\varphi_{1,0} = 1_1$
$1_2 = \chi_{1,1}$	.	1	.	.	$\varphi_{1,1} = 1_2$
$16_1 = \chi_{4+}$	.	.	1	1	$\varphi_{4,0} = 8_1$
$9_1 = \chi_{6,0}$	1	.	.	1	$\varphi_{4,1} = 8_2$
$9_2 = \chi_{6,1}$	.	1	1	.	

<b>Blocks 5, 6:</b>	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	
$6_1 = \chi_{14+}$	1	1	.	.	$\varphi_{10,0} = 3_1$
$6_3 = \chi_{16,0}$	.	.	1	.	$\varphi_{10,1} = 3_2$
$6_4 = \chi_{16,1}$	.	.	.	1	$\varphi_{11,0} = 6_1$
$9_3 = \chi_{17,0}$	.	1	1	.	$\varphi_{11,1} = 6_2$
$9_4 = \chi_{17,1}$	1	.	.	1	