

$S_5 \pmod{3}$

	blocks	defect	matrix
$G :$	1	1	3×2
	2	1	3×2
	3	0	$6_1 = \chi_{2+}, \varphi_{2+}$
$2.G :$	4	1	3×1
	5	0	$6_2 = \chi_{9,0}, \varphi_{7,0}$
	$6 = \bar{5}$	0	$6_3 = \chi_{9,1}, \varphi_{7,1}$

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

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

Block 4:	φ_{5+}	
$4_3 = \chi_{6+}$	1	$\varphi_{5+} = 4_3$
$4_4 = \chi_{8,0}$	1	
$4_5 = \chi_{8,1}$	1	