## $S_5 \pmod{2}$

	blocks	defect	matrix
2.G:	$\begin{array}{c}1\\2\end{array}$	$\frac{4}{2}$	$8 \times 2 \\ 4 \times 1$

Block 1:	$\varphi_{1,0}$	$\varphi_{2+}$			
$ \begin{array}{r} 1_1 = \chi_{1,0} \\ 1_2 = \chi_{1,1} \\ 6_1 = \chi_{2+} \\ 5_1 = \chi_{5,0} \\ 5_2 = \chi_{5,1} \end{array} $	$\begin{array}{c}1\\1\\2\\1\\1\end{array}$	1 1 1	$arphi_{1,0} \ arphi_{2+}$	, _,.	$     \begin{array}{l}       1_1 \\       4_1     \end{array} $
$\begin{array}{l} 4_3 = \chi_{6+} \\ 6_2 = \chi_{9,0} \\ 6_3 = \chi_{9,1} \end{array}$	2 2	1 1 1			

Block 2:	$\varphi_{4,0}$	
$ \begin{array}{c} 4_1 = \chi_{4,0} \\ 4_2 = \chi_{4,1} \end{array} $	1 1	$\varphi_{4,0} = 4_2$
$\begin{array}{c} 4_4 = \chi_{8,0} \\ 4_5 = \chi_{8,1} \end{array}$	1	