

# $J_1 \pmod{19}$

	blocks	defect	matrix
$G :$	1	1	$9 \times 6$
	2	0	$76_1 = \chi_4, \varphi_6$
	3	0	$76_2 = \chi_5, \varphi_7$
	4	0	$133_1 = \chi_{12}, \varphi_9$
	5	0	$133_2 = \chi_{13}, \varphi_{10}$
	6	0	$133_3 = \chi_{14}, \varphi_{11}$
	7	0	$209_1 = \chi_{15}, \varphi_{12}$

<b>Block 1:</b>	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_8$	
$1_1 = \chi_1$	1	.	.	.	.	.	
$56_1 = \chi_2$	1	.	.	.	1	.	$\varphi_1 = 1_1$
$56_2 = \chi_3$	.	1	1	.	.	.	$\varphi_2 = 22_1$
$77_1 = \chi_6$	.	.	1	1	.	.	$\varphi_3 = 34_1$
$77_2 = \chi_7$	.	.	.	.	.	1	$\varphi_4 = 43_1$
$77_3 = \chi_8$	.	1	.	.	1	.	$\varphi_5 = 55_1$
$120_1 = \chi_9$	.	.	.	1	.	1	$\varphi_8 = 77_1$
$120_2 = \chi_{10}$	.	.	.	1	.	1	
$120_3 = \chi_{11}$	.	.	.	1	.	1	