

# $J_1 \pmod{7}$

	blocks	defect	matrix
$G:$	1	1	$7 \times 6$
	2	0	$56_1 = \chi_2, \varphi_4$
	3	0	$56_2 = \chi_3, \varphi_5$
	4	0	$77_1 = \chi_6, \varphi_7$
	5	0	$77_2 = \chi_7, \varphi_8$
	6	0	$77_3 = \chi_8, \varphi_9$
	7	0	$133_1 = \chi_{12}, \varphi_{12}$
	8	0	$133_2 = \chi_{13}, \varphi_{13}$
	9	0	$133_3 = \chi_{14}, \varphi_{14}$

<b>Block 1:</b>	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_6$	$\varphi_{10}$	$\varphi_{11}$	
$1_1 = \chi_1$	1	.	.	.	.	.	$\varphi_1 = 1_1$
$76_1 = \chi_4$	1	.	.	1	.	.	$\varphi_2 = 31_1$
$76_2 = \chi_5$	.	1	1	.	.	.	$\varphi_3 = 45_1$
$120_1 = \chi_9$	.	.	1	1	.	.	$\varphi_6 = 75_1$
$120_2 = \chi_{10}$	.	1	.	.	1	.	$\varphi_{10} = 89_1$
$120_3 = \chi_{11}$	.	.	.	.	.	1	$\varphi_{11} = 120_1$
$209_1 = \chi_{15}$	.	.	.	.	1	1	