$Sz(8)$ (mod 7)

	blocks	defect	matrix
$G:$	1	1	5×2
	2	0	$14_1 = \chi_2, \varphi_2$
	$3 = \overline{2}$	0	$14_2 = \chi_3, \varphi_3$
	4	0	$35_1 = \chi_4, \varphi_4$
	5	0	$35_2 = \chi_5, \varphi_5$
	6	0	$35_3 = \chi_6, \varphi_6$

	blocks	defect	matrix
	7	0	$91_1 = \chi_{11}, \varphi_8$
$2.G:$	8	1	5×2
	9	0	$56_1 = \chi_{15}, \varphi_{10}$
	10	0	$56_2 = \chi_{16}, \varphi_{11}$
	11	0	$56_3 = \chi_{17}, \varphi_{12}$

Block 1:	φ_1	φ_7
$1_1 = \chi_1$	1	.
$64_1 = \chi_7$	.	1
$65_1 = \chi_8$	1	1
$65_2 = \chi_9$	1	1
$65_3 = \chi_{10}$	1	1

$\varphi_1 = 1_1$
$\varphi_7 = 64_1$

Block 8:	φ_9	φ_{13}
$40_1 = \chi_{12}$	1	.
$40_2 = \chi_{13}$	1	.
$40_3 = \chi_{14}$	1	.
$64_2 = \chi_{18}$	.	1
$104_1 = \chi_{19}$	1	1

$\varphi_9 = 40_1$
$\varphi_{13} = 64_2$