

$Sz(8).3 \pmod{13}$

	blocks	defect	matrix
$G :$	1	1	13×12
	2	0	$195_1 = \chi_{8+}, \varphi_{5+}$
	3	0	$91_1 = \chi_{11,0}, \varphi_{8,0}$
	4	0	$91_2 = \chi_{11,1}, \varphi_{8,1}$
	$5 = \bar{4}$	0	$91_3 = \chi_{11,2}, \varphi_{8,2}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{3,2}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{4,2}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$.	1	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$.	.	1	.	.	.	.	.	.	.	.	.
$14_1 = \chi_{2,0}$.	.	.	1	.	.	.	.	.	.	.	.
$14_2 = \chi_{2,1}$	1	.	.	.	.	.	.	.
$14_3 = \chi_{2,2}$	1	.	.	.	.	.	.
$14_4 = \chi_{3,0}$	1	.	.	.	.	.
$14_5 = \chi_{3,1}$	1	.	.	.	.
$14_6 = \chi_{3,2}$	1	.	.	.
$105_1 = \chi_{4+}$	1	1	1
$64_1 = \chi_{7,0}$	1	.	.	.	.	1	.	1	.	1	.	.
$64_2 = \chi_{7,1}$.	1	.	1	.	.	.	.	1	.	1	.
$64_3 = \chi_{7,2}$.	.	1	.	1	.	1	.	.	.	.	1

$\varphi_{1,0} = 1_1$	$\varphi_{3,0} = 14_4$
$\varphi_{1,1} = 1_2$	$\varphi_{3,1} = 14_5$
$\varphi_{1,2} = 1_3$	$\varphi_{3,2} = 14_6$
$\varphi_{2,0} = 14_1$	$\varphi_{4,0} = 35_1$
$\varphi_{2,1} = 14_2$	$\varphi_{4,1} = 35_2$
$\varphi_{2,2} = 14_3$	$\varphi_{4,2} = 35_3$