$Sz(32).5 \quad (\mathbf{mod}\ 31)$

	blocks	defect	matrix
$G:$	1	1	13×10
	2	0	$124_1 = \chi_{2,0}, \varphi_{2,0}$
	3	0	$124_2 = \chi_{2,1}, \varphi_{2,1}$
	4	0	$124_3 = \chi_{2,2}, \varphi_{2,2}$
	5	0	$124_4 = \chi_{2,3}, \varphi_{2,3}$
	6	0	$124_5 = \chi_{2,4}, \varphi_{2,4}$
	$7 = \overline{2}$	0	$124_6 = \chi_{3,0}, \varphi_{3,0}$
	$8 = \overline{6}$	0	$124_7 = \chi_{3,1}, \varphi_{3,1}$
	$9 = \overline{5}$	0	$124_8 = \chi_{3,2}, \varphi_{3,2}$
	$10 = \overline{4}$	0	$124_9 = \chi_{3,3}, \varphi_{3,3}$

	blocks	defect	matrix
	$11 = \overline{3}$	0	$124_{10} = \chi_{3,4}, \varphi_{3,4}$
	12	0	$3875_1 = \chi_{4+}, \varphi_{4+}$
	13	0	$3875_2 = \chi_{9+}, \varphi_{9+}$
	14	0	$1271_1 = \chi_{30,0}, \varphi_{15,0}$
	15	0	$1271_2 = \chi_{30,1}, \varphi_{15,1}$
	16	0	$1271_3 = \chi_{30,2}, \varphi_{15,2}$
	$17 = \overline{16}$	0	$1271_4 = \chi_{30,3}, \varphi_{15,3}$
	$18 = \overline{15}$	0	$1271_5 = \chi_{30,4}, \varphi_{15,4}$
	19	0	$6355_1 = \chi_{31+}, \varphi_{16+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{1,3}$	$\varphi_{1,4}$	$\varphi_{14,0}$	$\varphi_{14,1}$	$\varphi_{14,2}$	$\varphi_{14,3}$	$\varphi_{14,4}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	1	.	.	.	.	.	.	.
$1_4 = \chi_{1,3}$	.	.	.	1	.	.	.	.	.	.
$1_5 = \chi_{1,4}$	.	.	.	.	1	.	.	.	.	.
$1024_1 = \chi_{14,0}$	.	.	.	.	.	1	.	.	.	.
$1024_2 = \chi_{14,1}$	.	.	.	.	.	.	1	.	.	.
$1024_3 = \chi_{14,2}$	.	.	.	.	.	.	.	1	.	.
$1024_4 = \chi_{14,3}$	.	.	.	.	.	.	.	.	1	.
$1024_5 = \chi_{14,4}$	.	.	.	.	.	.	.	.	.	1
$5125_1 = \chi_{15+}$	1	1	1	1	1	1	1	1	1	1
$5125_2 = \chi_{20+}$	1	1	1	1	1	1	1	1	1	1
$5125_3 = \chi_{25+}$	1	1	1	1	1	1	1	1	1	1

$$\begin{array}{lcl} \varphi_{1,0} & = & 1_1 \\ \varphi_{1,1} & = & 1_2 \\ \varphi_{1,2} & = & 1_3 \\ \varphi_{1,3} & = & 1_4 \\ \varphi_{1,4} & = & 1_5 \end{array} \qquad \begin{array}{lcl} \varphi_{14,0} & = & 1024_1 \\ \varphi_{14,1} & = & 1024_2 \\ \varphi_{14,2} & = & 1024_3 \\ \varphi_{14,3} & = & 1024_4 \\ \varphi_{14,4} & = & 1024_5 \end{array}$$