

$Sz(32).5 \pmod{2}$

	blocks	defect	matrix
$G :$	1	10	26×11
	2	0	$1024_1 = \chi_{14,0}, \varphi_{32,0}$
	3	0	$1024_2 = \chi_{14,1}, \varphi_{32,1}$
	4	0	$1024_3 = \chi_{14,2}, \varphi_{32,2}$
	$5 = \bar{4}$	0	$1024_4 = \chi_{14,3}, \varphi_{32,3}$
	$6 = \bar{3}$	0	$1024_5 = \chi_{14,4}, \varphi_{32,4}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{1,3}$	$\varphi_{1,4}$	φ_{2+}	φ_{7+}	φ_{12+}	φ_{17+}	φ_{22+}	φ_{27+}
$1_1 = \chi_{1,0}$	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	.	.	.	.	.	.
$124_1 = \chi_{2,0}$	.	1	1	1	1	2	1	.	.	.	.
$124_2 = \chi_{2,1}$	1	.	1	1	1	2	1	.	.	.	.
$124_3 = \chi_{2,2}$	1	1	.	1	1	2	1	.	.	.	.
$124_4 = \chi_{2,3}$	1	1	1	.	1	2	1	.	.	.	.
$124_5 = \chi_{2,4}$	1	1	1	1	.	2	1	.	.	.	.
$124_6 = \chi_{3,0}$	.	1	1	1	1	2	1	.	.	.	.
$124_7 = \chi_{3,1}$	1	.	1	1	1	2	1	.	.	.	.
$124_8 = \chi_{3,2}$	1	1	.	1	1	2	1	.	.	.	.
$124_9 = \chi_{3,3}$	1	1	1	.	1	2	1	.	.	.	.
$124_{10} = \chi_{3,4}$	1	1	1	1	.	2	1	.	.	.	.
$3875_1 = \chi_{4+}$	15	15	15	15	15	26	7	6	1	2	1
$3875_2 = \chi_{9+}$	19	19	19	19	19	33	9	10	3	2	.
$5125_1 = \chi_{15+}$	21	21	21	21	21	35	8	10	2	3	1
$5125_2 = \chi_{20+}$	21	21	21	21	21	39	12	9	2	2	1
$5125_3 = \chi_{25+}$	25	25	25	25	25	42	11	13	4	3	.
$1271_1 = \chi_{30,0}$	7	6	6	6	6	10	2	3	1	1	.
$1271_2 = \chi_{30,1}$	6	7	6	6	6	10	2	3	1	1	.
$1271_3 = \chi_{30,2}$	6	6	7	6	6	10	2	3	1	1	.
$1271_4 = \chi_{30,3}$	6	6	6	7	6	10	2	3	1	1	.
$1271_5 = \chi_{30,4}$	6	6	6	6	7	10	2	3	1	1	.
$6355_1 = \chi_{31+}$	27	27	27	27	27	47	13	13	3	3	1

$\varphi_{1,0} = 1_1$	$\varphi_{7+} = 80_1$
$\varphi_{1,1} = 1_2$	$\varphi_{12+} = 80_2$
$\varphi_{1,2} = 1_3$	$\varphi_{17+} = 320_1$
$\varphi_{1,3} = 1_4$	$\varphi_{22+} = 320_2$
$\varphi_{1,4} = 1_5$	$\varphi_{27+} = 1280_1$
$\varphi_{2+} = 20_1$	