

$Sz(32) \pmod{2}$

	blocks	defect	matrix
$G :$	1 2	10 0	34×31 $1024_1 = \chi_{14}, \varphi_{32}$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}	φ_{15}	φ_{16}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$124_1 = \chi_2$	4	2	2	2	2	2	1	1	1	1	1	.	.	.	.	.
$124_2 = \chi_3$	4	2	2	2	2	2	1	1	1	1	1	.	.	.	.	.
$775_1 = \chi_4$	15	6	3	8	6	3	1	2	2	1	1	1	.	4	1	.
$775_2 = \chi_5$	15	3	8	6	3	6	2	2	1	1	1	.	4	1	.	1
$775_3 = \chi_6$	15	8	6	3	6	3	2	1	1	1	2	4	1	.	1	.
$775_4 = \chi_7$	15	6	3	6	3	8	1	1	1	2	2	1	.	1	.	4
$775_5 = \chi_8$	15	3	6	3	8	6	1	1	2	2	1	.	1	.	4	1
$775_6 = \chi_9$	19	6	6	7	7	7	1	2	2	2	2	1	1	2	3	3
$775_7 = \chi_{10}$	19	6	7	7	7	6	2	2	2	2	1	1	2	3	3	1
$775_8 = \chi_{11}$	19	7	7	7	6	6	2	2	2	1	2	2	3	3	1	1
$775_9 = \chi_{12}$	19	7	7	6	6	7	2	2	1	2	2	3	3	1	1	2
$775_{10} = \chi_{13}$	19	7	6	6	7	7	2	1	2	2	2	3	1	1	2	3
$1025_1 = \chi_{15}$	21	7	5	9	8	6	1	2	2	2	1	1	1	4	3	1
$1025_2 = \chi_{16}$	21	5	9	8	6	7	2	2	2	1	1	1	4	3	1	1
$1025_3 = \chi_{17}$	21	9	8	6	7	5	2	2	1	1	2	4	3	1	1	1
$1025_4 = \chi_{18}$	21	8	6	7	5	9	2	1	1	2	2	3	1	1	1	4
$1025_5 = \chi_{19}$	21	6	7	5	9	8	1	1	2	2	2	1	1	1	4	3
$1025_6 = \chi_{20}$	21	8	8	6	10	7	2	2	3	3	2	4	1	.	3	1
$1025_7 = \chi_{21}$	21	8	6	10	7	8	2	3	3	2	2	1	.	3	1	4
$1025_8 = \chi_{22}$	21	6	10	7	8	8	3	3	2	2	2	.	3	1	4	1
$1025_9 = \chi_{23}$	21	10	7	8	8	6	3	2	2	2	3	3	1	4	1	.
$1025_{10} = \chi_{24}$	21	7	8	8	6	10	2	2	2	3	3	1	4	1	.	3
$1025_{11} = \chi_{25}$	25	9	7	9	8	9	2	2	2	2	3	2	2	3	3	3
$1025_{12} = \chi_{26}$	25	7	9	8	9	9	2	2	2	3	2	2	3	3	3	2
$1025_{13} = \chi_{27}$	25	9	8	9	9	7	2	2	3	2	2	3	3	3	2	2
$1025_{14} = \chi_{28}$	25	8	9	9	7	9	2	3	2	2	2	3	3	2	2	3
$1025_{15} = \chi_{29}$	25	9	9	7	9	8	3	2	2	2	2	3	2	2	3	3
$1271_1 = \chi_{30}$	31	10	10	10	10	10	2	2	2	2	2	3	3	3	3	3
$1271_2 = \chi_{31}$	27	10	9	9	10	9	3	2	2	3	3	3	2	4	3	1
$1271_3 = \chi_{32}$	27	10	9	10	9	9	3	3	3	2	2	3	1	3	2	4
$1271_4 = \chi_{33}$	27	9	9	10	9	10	2	2	3	3	3	2	4	3	1	3
$1271_5 = \chi_{34}$	27	9	10	9	9	10	3	3	2	2	3	1	3	2	4	3
$1271_6 = \chi_{35}$	27	9	10	9	10	9	2	3	3	3	2	4	3	1	3	2

(Block 1:)	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{24}	φ_{25}	φ_{26}	φ_{27}	φ_{28}	φ_{29}	φ_{30}	φ_{31}
$1_1 = \chi_1$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$124_1 = \chi_2$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$124_2 = \chi_3$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$775_1 = \chi_4$	.	.	1	.	.	.	2	.	.	.	1	.	.	.	.
$775_2 = \chi_5$	.	1	.	.	.	2	.	.	.	.	.	.	.	.	1
$775_3 = \chi_6$	1	.	.	.	.	.	.	.	.	2	.	.	.	1	.
$775_4 = \chi_7$	.	.	.	.	1	.	.	.	2	.	.	.	1	.	.
$775_5 = \chi_8$	.	.	.	1	.	.	.	2	.	.	.	1	.	.	.
$775_6 = \chi_9$	.	.	1	1	1	.	.	1	1	.	.	.	.	.	.
$775_7 = \chi_{10}$	.	1	1	1	.	.	1	1	.	.	.	.	.	.	.
$775_8 = \chi_{11}$	1	1	1	.	.	1	1	.	.	.	.	.	.	.	.
$775_9 = \chi_{12}$	1	1	.	.	1	1	.	.	.	1	.	.	.	.	.
$775_{10} = \chi_{13}$	1	.	.	1	1	.	.	.	1	1	.	.	.	.	.
$1025_1 = \chi_{15}$	.	.	1	1	.	.	2	1	.	.	1	.	.	.	.
$1025_2 = \chi_{16}$	.	1	1	.	.	2	1	.	.	.	.	.	.	.	1
$1025_3 = \chi_{17}$	1	1	.	.	.	1	.	.	.	2	.	.	.	1	.
$1025_4 = \chi_{18}$	1	.	.	.	1	.	.	.	2	1	.	.	1	.	.
$1025_5 = \chi_{19}$	.	.	.	1	1	.	.	2	1	.	.	1	.	.	.
$1025_6 = \chi_{20}$	1	.	.	1	.	.	.	.	.	2	.	.	.	1	.
$1025_7 = \chi_{21}$	.	.	1	.	1	.	.	.	2	.	.	.	1	.	.
$1025_8 = \chi_{22}$	.	1	.	1	.	.	.	2	.	.	.	1	.	.	.
$1025_9 = \chi_{23}$	1	.	1	.	.	.	2	.	.	.	1	.	.	.	.
$1025_{10} = \chi_{24}$	.	1	.	.	1	2	.	.	.	.	.	.	.	.	1
$1025_{11} = \chi_{25}$	.	1	1	1	1	.	1	1	1	.	.	.	.	.	.
$1025_{12} = \chi_{26}$	1	1	1	1	.	1	1	1	.	.	.	.	.	.	.
$1025_{13} = \chi_{27}$	1	1	1	.	1	1	1	.	.	1	.	.	.	.	.
$1025_{14} = \chi_{28}$	1	1	.	1	1	1	.	.	1	1	.	.	.	.	.
$1025_{15} = \chi_{29}$	1	.	1	1	1	.	.	1	1	1	.	.	.	.	.
$1271_1 = \chi_{30}$	1	1	1	1	1	1	1	1	1	1	.	.	.	.	.
$1271_2 = \chi_{31}$	1	.	1	1	.	.	2	1	.	.	1	.	.	.	.
$1271_3 = \chi_{32}$	1	.	1	.	1	.	.	.	2	1	.	.	1	.	.
$1271_4 = \chi_{33}$	.	1	1	.	1	2	1	.	.	.	.	.	.	.	1
$1271_5 = \chi_{34}$	.	1	.	1	1	.	.	2	1	.	.	1	.	.	.
$1271_6 = \chi_{35}$	1	1	.	1	.	1	.	.	.	2	.	.	.	1	.

φ_1	=	1_1	φ_{17}	=	64_1
φ_2	=	4_1	φ_{18}	=	64_2
φ_3	=	4_2	φ_{19}	=	64_3
φ_4	=	4_3	φ_{20}	=	64_4
φ_5	=	4_4	φ_{21}	=	64_5
φ_6	=	4_5	φ_{22}	=	64_6
φ_7	=	16_1	φ_{23}	=	64_7
φ_8	=	16_2	φ_{24}	=	64_8
φ_9	=	16_3	φ_{25}	=	64_9
φ_{10}	=	16_4	φ_{26}	=	64_{10}
φ_{11}	=	16_5	φ_{27}	=	256_1
φ_{12}	=	16_6	φ_{28}	=	256_2
φ_{13}	=	16_7	φ_{29}	=	256_3
φ_{14}	=	16_8	φ_{30}	=	256_4
φ_{15}	=	16_9	φ_{31}	=	256_5
φ_{16}	=	16_{10}			