

HS.2 (mod 2)

	blocks	defect	matrix
$2.G :$	1 2	11 4	49×6 8×2

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{8,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.
$1_2 = \chi_{1,1}$	1	.	.	.	.	.
$22_1 = \chi_{2,0}$	2	1	.	.	.	.
$22_2 = \chi_{2,1}$	2	1	.	.	.	.
$77_1 = \chi_{3,0}$	1	1	1	.	.	.
$77_2 = \chi_{3,1}$	1	1	1	.	.	.
$154_1 = \chi_{4,0}$	2	1	.	1	.	.
$154_2 = \chi_{4,1}$	2	1	.	1	.	.
$308_1 = \chi_{5+}$	4	2	.	2	.	.
$175_1 = \chi_{7,0}$	3	2	.	1	.	.
$175_2 = \chi_{7,1}$	3	2	.	1	.	.
$231_1 = \chi_{8,0}$	3	2	1	1	.	.
$231_2 = \chi_{8,1}$	3	2	1	1	.	.
$693_1 = \chi_{9,0}$	3	2	.	1	1	.
$693_2 = \chi_{9,1}$	3	2	.	1	1	.
$770_1 = \chi_{10,0}$	4	3	1	1	1	.
$770_2 = \chi_{10,1}$	4	3	1	1	1	.
$1540_1 = \chi_{11+}$	8	6	2	2	2	.
$825_1 = \chi_{13,0}$	3	3	2	1	1	.
$825_2 = \chi_{13,1}$	3	3	2	1	1	.
$1056_1 = \chi_{16,0}$	.	.	1	.	.	1
$1056_2 = \chi_{16,1}$	.	.	1	.	.	1
$1386_1 = \chi_{17,0}$	6	3	1	2	.	1
$1386_2 = \chi_{17,1}$	6	3	1	2	.	1
$1750_1 = \chi_{19,0}$	4	2	1	1	1	1
$1750_2 = \chi_{19,1}$	4	2	1	1	1	1
$1925_1 = \chi_{20,0}$	7	4	1	2	1	1
$1925_2 = \chi_{20,1}$	7	4	1	2	1	1
$1925_3 = \chi_{21,0}$	7	4	1	2	1	1
$1925_4 = \chi_{21,1}$	7	4	1	2	1	1
$2520_1 = \chi_{22,0}$	8	5	2	2	2	1
$2520_2 = \chi_{22,1}$	8	5	2	2	2	1
$2750_1 = \chi_{23,0}$	10	7	3	3	2	1
$2750_2 = \chi_{23,1}$	10	7	3	3	2	1
$56_1 = \chi_{25,0}$	.	.	1	.	.	.
$56_2 = \chi_{25,1}$	.	.	1	.	.	.
$352_1 = \chi_{26+}$	8	4	.	2	.	.
$1232_1 = \chi_{28+}$	4	4	2	.	2	.
$1848_1 = \chi_{30+}$	12	8	2	4	2	.
$1000_1 = \chi_{32,0}$	6	5	2	2	1	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{8,0}$	
$1000_2 = \chi_{32,1}$	6	5	2	2	1	.	$\varphi_{1,0} = 1_1$
$2464_1 = \chi_{33+}$	8	4	2	2	.	2	$\varphi_{2,0} = 20_1$
$1848_2 = \chi_{36,0}$	6	3	.	2	1	1	$\varphi_{3,0} = 56_1$
$1848_3 = \chi_{36,1}$	6	3	.	2	1	1	$\varphi_{4,0} = 132_1$
$3960_1 = \chi_{37+}$	12	8	4	4	2	2	$\varphi_{5,0} = 518_1$
$2520_3 = \chi_{41,0}$	8	5	2	2	2	1	$\varphi_{8,0} = 1000_1$
$2520_4 = \chi_{41,1}$	8	5	2	2	2	1	
$2520_5 = \chi_{42,0}$	8	5	2	2	2	1	
$2520_6 = \chi_{42,1}$	8	5	2	2	2	1	

Block 2:	φ_{6+}	$\varphi_{9,0}$	
$1792_1 = \chi_{14+}$	1	.	
$1408_1 = \chi_{18,0}$	.	1	
$1408_2 = \chi_{18,1}$	.	1	
$3200_1 = \chi_{24,0}$	1	1	$\varphi_{6+} = 1792_1$
$3200_2 = \chi_{24,1}$	1	1	$\varphi_{9,0} = 1408_1$
$1792_2 = \chi_{35,0}$	1	.	
$1792_3 = \chi_{35,1}$	1	.	
$4608_1 = \chi_{39+}$	1	2	