

$U_3(8).3_2 \pmod{2}$ 

	blocks	defect	matrix
$G :$	1	9	$73 \times 63$
	2	0	$512_1 = \chi_{13,0}, \varphi_{22,0}$
	3	0	$512_2 = \chi_{13,1}, \varphi_{22,1}$
	$4 = \bar{3}$	0	$512_3 = \chi_{13,2}, \varphi_{22,2}$
$3.G :$	5 $6 = 5^*$	9	$73 \times 63$

<b>Block 1:</b>	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{3,2}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{4,2}$	$\varphi_{5,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$56_1 = \chi_{2,0}$	.	1	1	.	.	.	.	.	.	.	.	.	.
$56_2 = \chi_{2,1}$	1	.	1	.	.	.	.	.	.	.	.	.	.
$56_3 = \chi_{2,2}$	1	1	.	.	.	.	.	.	.	.	.	.	1
$57_1 = \chi_{3,0}$	1	1	1	.	.	.	.	.	.	.	.	.	.
$57_2 = \chi_{3,1}$	1	1	1	.	.	.	.	.	.	.	.	.	.
$57_3 = \chi_{3,2}$	1	1	1	.	.	.	.	.	.	.	.	.	.
$57_4 = \chi_{4,0}$	1	1	1	.	.	.	.	.	.	.	.	.	.
$57_5 = \chi_{4,1}$	1	1	1	.	.	.	.	.	.	.	.	.	1
$57_6 = \chi_{4,2}$	1	1	1	.	.	.	.	.	.	.	.	.	.
$399_1 = \chi_{5,+}$	1	1	1	1	1	1	1	1	1	1	1	1	1
$399_2 = \chi_{8,0}$	1	2	2	1	.	.	.	.	.	.	1	1	.
$399_3 = \chi_{8,1}$	2	1	2	.	1	.	.	.	.	1	.	1	.
$399_4 = \chi_{8,2}$	2	2	1	.	.	1	.	.	.	1	1	.	1
$399_5 = \chi_{9,0}$	1	2	2	.	1	1	1	.	.	.	.	.	1
$399_6 = \chi_{9,1}$	2	1	2	1	.	1	.	1	.	.	.	.	.
$399_7 = \chi_{9,2}$	2	2	1	1	1	.	.	.	1	.	.	.	1
$399_8 = \chi_{10,0}$	1	2	2	.	.	.	.	1	1	1	.	.	.
$399_9 = \chi_{10,1}$	2	1	2	.	.	.	1	.	1	.	1	.	2
$399_{10} = \chi_{10,2}$	2	2	1	.	.	.	1	1	.	.	.	1	1
$456_1 = \chi_{11,0}$	1	1	1	.	2	.	2	.	.	.	.	2	2
$456_2 = \chi_{11,1}$	1	1	1	.	.	2	.	2	.	2	.	.	.
$456_3 = \chi_{11,2}$	1	1	1	2	.	.	.	.	2	.	2	.	.
$456_4 = \chi_{12,0}$	1	1	1	.	.	2	2	.	.	.	2	.	2
$456_5 = \chi_{12,1}$	1	1	1	2	.	.	.	2	.	.	.	2	.
$456_6 = \chi_{12,2}$	1	1	1	.	2	.	.	.	2	2	.	.	1
$513_1 = \chi_{14,0}$	1	2	2	1	1	1	1	.	.	.	1	1	1
$513_2 = \chi_{14,1}$	2	1	2	1	1	1	.	1	.	1	.	1	.
$513_3 = \chi_{14,2}$	2	2	1	1	1	1	.	.	1	1	1	.	1
$513_4 = \chi_{15,0}$	1	2	2	.	1	1	1	1	1	1	.	.	1
$513_5 = \chi_{15,1}$	2	1	2	1	.	1	1	1	1	.	1	.	2
$513_6 = \chi_{15,2}$	2	2	1	1	1	.	1	1	1	.	.	1	1
$513_7 = \chi_{16,0}$	1	2	2	1	.	.	.	1	1	1	1	1	.
$513_8 = \chi_{16,1}$	2	1	2	.	1	.	1	.	1	1	1	1	1
$513_9 = \chi_{16,2}$	2	2	1	.	.	1	1	1	.	1	1	1	1
$513_{10} = \chi_{17,0}$	.	2	2	1	.	.	.	.	1	.	2	1	.
$513_{11} = \chi_{17,1}$	2	.	2	.	1	.	1	.	.	1	.	2	1
$513_{12} = \chi_{17,2}$	2	2	.	.	.	1	.	1	.	2	1	.	1

(Block 1:)	$\varphi_{5,1}$	$\varphi_{5,2}$	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{6,2}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{7,2}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{8,2}$	$\varphi_{9,0}$	$\varphi_{9,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$56_1 = \chi_{2,0}$	1	.	.	.	1	.	1	.	.	.	1	.	1
$56_2 = \chi_{2,1}$	.	1	1	.	.	.	.	1	1	.	.	.	.
$56_3 = \chi_{2,2}$	.	.	.	1	.	1	.	.	.	1	.	1	.
$57_1 = \chi_{3,0}$	.	.	.	1	.	.	.	.	1	.	.	.	.
$57_2 = \chi_{3,1}$	.	.	.	.	1	.	.	.	.	1	.	.	.
$57_3 = \chi_{3,2}$	.	.	1	.	.	.	.	.	.	.	1	.	.
$57_4 = \chi_{4,0}$	.	1	.	.	.	1	.	.	.	.	.	.	1
$57_5 = \chi_{4,1}$	.	.	.	.	.	.	1	.	.	.	.	.	.
$57_6 = \chi_{4,2}$	1	.	.	.	.	.	.	1	.	.	.	1	.
$399_1 = \chi_{5+}$	1	1	1	1	1	1	1	1	1	1	1	1	1
$399_2 = \chi_{8,0}$	1	.	.	.	1	.	1	2	.	2	1	1	1
$399_3 = \chi_{8,1}$	.	1	1	.	.	2	.	1	1	.	2	.	1
$399_4 = \chi_{8,2}$	.	.	.	1	.	1	2	.	2	1	.	1	.
$399_5 = \chi_{9,0}$	1	.	1	.	1	.	1	.	.	.	1	.	1
$399_6 = \chi_{9,1}$	1	1	1	1	.	.	.	1	1	.	.	2	.
$399_7 = \chi_{9,2}$	.	1	.	1	1	1	.	.	.	1	.	1	2
$399_8 = \chi_{10,0}$	1	2	.	2	1	1	1	.	1	.	1	.	1
$399_9 = \chi_{10,1}$	.	1	1	.	2	.	1	1	1	1	.	.	.
$399_{10} = \chi_{10,2}$	2	.	2	1	.	1	.	1	.	1	1	1	.
$456_1 = \chi_{11,0}$	.	.	2	.	1	.	.	2	.	1	2	.	2
$456_2 = \chi_{11,1}$	2	.	1	2	.	2	.	.	2	.	1	.	.
$456_3 = \chi_{11,2}$	.	2	.	1	2	.	2	.	1	2	.	2	.
$456_4 = \chi_{12,0}$	1	.	2	.	.	.	2	1	.	2	.	1	.
$456_5 = \chi_{12,1}$	2	1	.	2	.	1	.	2	.	.	2	2	1
$456_6 = \chi_{12,2}$	.	2	.	.	2	2	1	.	2	.	.	.	2
$513_1 = \chi_{14,0}$	1	.	1	.	1	.	1	1	.	1	1	1	1
$513_2 = \chi_{14,1}$	1	1	1	1	.	1	.	1	1	.	1	2	1
$513_3 = \chi_{14,2}$	.	1	.	1	1	1	1	.	1	1	.	1	2
$513_4 = \chi_{15,0}$	1	2	1	2	1	1	1	.	1	.	1	.	1
$513_5 = \chi_{15,1}$	1	1	1	1	2	.	1	1	1	1	.	1	.
$513_6 = \chi_{15,2}$	2	1	2	1	1	1	.	1	.	1	1	1	1
$513_7 = \chi_{16,0}$	1	1	.	1	1	1	1	2	1	2	1	1	1
$513_8 = \chi_{16,1}$	.	1	1	.	1	2	1	1	1	1	2	.	1
$513_9 = \chi_{16,2}$	1	.	1	1	.	1	2	1	2	1	1	1	.
$513_{10} = \chi_{17,0}$	1	1	.	.	2	.	2	2	.	2	1	1	1
$513_{11} = \chi_{17,1}$	.	1	2	.	.	2	.	2	1	.	2	.	1
$513_{12} = \chi_{17,2}$	1	.	.	2	.	2	2	.	2	1	.	1	.

(Block 1:)	$\varphi_{9,2}$	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{10,2}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{12,2}$	$\varphi_{13,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	.	.	.	.	.	.	.	.	.
$56_1 = \chi_{2,0}$	.	.	.	1	.	.	.	.	.	.	.
$56_2 = \chi_{2,1}$	1	1	.	.	.	.	.	.	.	.	.
$56_3 = \chi_{2,2}$	.	.	1	.	.	.	.	.	.	.	.
$57_1 = \chi_{3,0}$	.	.	.	1	.	.	.	.	1	.	.
$57_2 = \chi_{3,1}$	.	1	.	.	.	.	.	.	.	1	.
$57_3 = \chi_{3,2}$	.	.	1	.	.	.	.	1	.	.	.
$57_4 = \chi_{4,0}$	.	.	.	.	.	.	1	.	.	.	.
$57_5 = \chi_{4,1}$	1	.	.	.	1	.	.	.	.	.	.
$57_6 = \chi_{4,2}$	.	.	.	.	.	1	.	.	.	.	.
$399_1 = \chi_{5,+}$	1	1	1	1	1	1	1	1	1	1	.
$399_2 = \chi_{8,0}$	.	1	.	1	.	1	.	.	.	1	1
$399_3 = \chi_{8,1}$	1	1	1	.	.	.	1	1	.	.	.
$399_4 = \chi_{8,2}$	1	.	1	1	1	.	.	.	1	.	.
$399_5 = \chi_{9,0}$	2	.	2	1	1	.	.	1	.	.	.
$399_6 = \chi_{9,1}$	1	1	.	2	.	1	.	.	1	.	.
$399_7 = \chi_{9,2}$	.	2	1	.	.	.	1	.	.	1	.
$399_8 = \chi_{10,0}$	.	.	.	1	.	.	1	.	1	.	.
$399_9 = \chi_{10,1}$	1	1	.	.	1	.	.	.	.	1	.
$399_{10} = \chi_{10,2}$	.	.	1	.	.	1	.	1	.	.	.
$456_1 = \chi_{11,0}$	.	1	2	.	.	.	.	1	.	1	.
$456_2 = \chi_{11,1}$	2	.	1	2	.	.	.	1	1	.	.
$456_3 = \chi_{11,2}$	.	2	.	1	.	.	.	.	1	1	.
$456_4 = \chi_{12,0}$	2	.	.	2	1	1	.	.	.	.	.
$456_5 = \chi_{12,1}$	.	2	.	.	.	1	1	.	.	.	.
$456_6 = \chi_{12,2}$	1	.	2	.	1	.	1	.	.	.	.
$513_1 = \chi_{14,0}$	2	1	2	1	1	1	.	1	.	1	.
$513_2 = \chi_{14,1}$	1	1	1	2	.	1	1	1	1	.	.
$513_3 = \chi_{14,2}$	1	2	1	1	1	.	1	.	1	1	.
$513_4 = \chi_{15,0}$	1	.	1	1	1	.	1	1	1	.	.
$513_5 = \chi_{15,1}$	1	1	.	1	1	1	.	.	1	1	.
$513_6 = \chi_{15,2}$	.	1	1	.	.	1	1	1	.	1	.
$513_7 = \chi_{16,0}$	.	1	.	1	.	1	1	.	1	1	1
$513_8 = \chi_{16,1}$	1	1	1	.	1	.	1	1	.	1	.
$513_9 = \chi_{16,2}$	1	.	1	1	1	1	.	1	1	.	.
$513_{10} = \chi_{17,0}$	.	1	.	1	.	1	.	.	.	1	1
$513_{11} = \chi_{17,1}$	1	1	1	.	.	.	1	1	.	.	.
$513_{12} = \chi_{17,2}$	1	.	1	1	1	.	.	.	1	.	.



<b>(Block 1:)</b>	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{17,2}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{18,2}$	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{19,2}$	$\varphi_{20,0}$	$\varphi_{20,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	.	.	.	.	.	.	.	.	.
$56_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.	.
$56_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.	.
$56_3 = \chi_{2,2}$	.	.	.	.	.	.	.	.	.	.	.
$57_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.	.
$57_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.	.
$57_3 = \chi_{3,2}$	.	.	.	.	.	.	.	.	.	.	.
$57_4 = \chi_{4,0}$	.	.	.	.	.	.	.	.	.	.	.
$57_5 = \chi_{4,1}$	.	.	.	.	.	.	.	.	.	.	.
$57_6 = \chi_{4,2}$	.	.	.	.	.	.	.	.	.	.	.
$399_1 = \chi_{5+}$	.	.	.	.	.	.	.	.	.	.	.
$399_2 = \chi_{8,0}$	.	.	.	.	.	.	.	.	.	.	1
$399_3 = \chi_{8,1}$	.	.	.	.	.	.	.	.	.	.	.
$399_4 = \chi_{8,2}$	.	.	.	.	.	.	.	.	.	1	.
$399_5 = \chi_{9,0}$	.	.	1	.	.	.	.	.	.	.	.
$399_6 = \chi_{9,1}$	1	.	.	.	.	.	.	.	.	.	.
$399_7 = \chi_{9,2}$	.	1	.	.	.	.	.	.	.	.	.
$399_8 = \chi_{10,0}$	.	.	.	.	1	.	.	.	1	.	.
$399_9 = \chi_{10,1}$	.	.	.	.	.	1	1	.	.	.	.
$399_{10} = \chi_{10,2}$	.	.	.	1	.	.	.	1	.	.	.
$456_1 = \chi_{11,0}$	.	.	.	1	.	.	.	.	.	.	.
$456_2 = \chi_{11,1}$	.	.	.	.	1	.	.	.	.	1	.
$456_3 = \chi_{11,2}$	.	.	.	.	.	1	.	.	.	.	1
$456_4 = \chi_{12,0}$	.	.	1	.	.	.	1	.	.	.	.
$456_5 = \chi_{12,1}$	1	.	.	.	.	.	.	1	.	.	.
$456_6 = \chi_{12,2}$	.	1	.	.	.	.	.	.	1	.	.
$513_1 = \chi_{14,0}$	.	.	1	.	.	.	.	.	.	.	.
$513_2 = \chi_{14,1}$	1	.	.	.	.	.	.	.	.	.	.
$513_3 = \chi_{14,2}$	.	1	.	.	.	.	.	.	.	.	.
$513_4 = \chi_{15,0}$	.	.	.	.	1	.	.	.	1	.	.
$513_5 = \chi_{15,1}$	.	.	.	.	.	1	1	.	.	.	.
$513_6 = \chi_{15,2}$	.	.	.	1	.	.	.	1	.	.	.
$513_7 = \chi_{16,0}$	.	.	.	.	.	.	.	.	.	.	1
$513_8 = \chi_{16,1}$	.	.	.	.	.	.	.	.	.	.	.
$513_9 = \chi_{16,2}$	.	.	.	.	.	.	.	.	.	1	.
$513_{10} = \chi_{17,0}$	.	.	.	.	.	1	.	.	.	.	1
$513_{11} = \chi_{17,1}$	.	.	.	1	.	.	.	.	.	.	.
$513_{12} = \chi_{17,2}$	.	.	.	.	1	.	.	.	.	1	.

<b>(Block 1:)</b>	$\varphi_{20,2}$	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{21,2}$
$1_1 = \chi_{1,0}$	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	.	.
$56_1 = \chi_{2,0}$	.	.	.	.
$56_2 = \chi_{2,1}$	.	.	.	.
$56_3 = \chi_{2,2}$	.	.	.	.
$57_1 = \chi_{3,0}$	.	.	.	.
$57_2 = \chi_{3,1}$	.	.	.	.
$57_3 = \chi_{3,2}$	.	.	.	.
$57_4 = \chi_{4,0}$	.	.	.	.
$57_5 = \chi_{4,1}$	.	.	.	.
$57_6 = \chi_{4,2}$	.	.	.	.
$399_1 = \chi_{5+}$	.	.	.	.
$399_2 = \chi_{8,0}$	.	.	.	1
$399_3 = \chi_{8,1}$	1	1	.	.
$399_4 = \chi_{8,2}$	.	.	1	.
$399_5 = \chi_{9,0}$	.	.	.	.
$399_6 = \chi_{9,1}$	.	.	.	.
$399_7 = \chi_{9,2}$	.	.	.	.
$399_8 = \chi_{10,0}$	.	.	.	.
$399_9 = \chi_{10,1}$	.	.	.	.
$399_{10} = \chi_{10,2}$	.	.	.	.
$456_1 = \chi_{11,0}$	1	.	.	.
$456_2 = \chi_{11,1}$	.	.	.	.
$456_3 = \chi_{11,2}$	.	.	.	.
$456_4 = \chi_{12,0}$	.	.	1	.
$456_5 = \chi_{12,1}$	.	.	.	1
$456_6 = \chi_{12,2}$	.	1	.	.
$513_1 = \chi_{14,0}$	.	.	.	.
$513_2 = \chi_{14,1}$	.	.	.	.
$513_3 = \chi_{14,2}$	.	.	.	.
$513_4 = \chi_{15,0}$	.	.	.	.
$513_5 = \chi_{15,1}$	.	.	.	.
$513_6 = \chi_{15,2}$	.	.	.	.
$513_7 = \chi_{16,0}$	.	.	.	1
$513_8 = \chi_{16,1}$	1	1	.	.
$513_9 = \chi_{16,2}$	.	.	1	.
$513_{10} = \chi_{17,0}$	.	.	.	1
$513_{11} = \chi_{17,1}$	1	1	.	.
$513_{12} = \chi_{17,2}$	.	.	1	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{3,2}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{4,2}$	$\varphi_{5,0}$
$513_{13} = \chi_{18,0}$	.	2	2	1	.	.	.	1	.	.	1	2	.
$513_{14} = \chi_{18,1}$	2	.	2	.	1	.	.	.	1	2	.	1	.
$513_{15} = \chi_{18,2}$	2	2	.	.	.	1	1	.	.	1	2	.	2
$513_{16} = \chi_{19,0}$	2	2	.	2	1	.	.	.	1	.	1	.	1
$513_{17} = \chi_{19,1}$	.	2	2	.	2	1	1	.	.	.	.	1	1
$513_{18} = \chi_{19,2}$	2	.	2	1	.	2	.	1	.	1	.	.	.
$513_{19} = \chi_{20,0}$	2	.	2	2	.	1	.	1	.	.	.	1	.
$513_{20} = \chi_{20,1}$	2	2	.	1	2	.	.	.	1	1	.	.	1
$513_{21} = \chi_{20,2}$	.	2	2	.	1	2	1	.	.	.	1	.	1
$513_{22} = \chi_{21,0}$	2	.	2	1	.	.	1	.	2	.	1	.	2
$513_{23} = \chi_{21,1}$	2	2	.	.	1	.	2	1	.	.	.	1	2
$513_{24} = \chi_{21,2}$	.	2	2	.	.	1	.	2	1	1	.	.	.
$513_{25} = \chi_{22,0}$	2	2	.	1	.	.	1	2	.	.	.	1	1
$513_{26} = \chi_{22,1}$	.	2	2	.	1	.	.	1	2	1	.	.	.
$513_{27} = \chi_{22,2}$	2	.	2	.	.	1	2	.	1	.	1	.	2
$567_1 = \chi_{23,0}$	1	1	3	.	1	.	1	.	1	2	.	1	1
$567_2 = \chi_{23,1}$	3	1	1	.	.	1	1	1	.	1	2	.	2
$567_3 = \chi_{23,2}$	1	3	1	1	.	.	.	1	1	.	1	2	.
$567_4 = \chi_{24,0}$	1	3	1	.	.	1	1	1	.	2	1	.	1
$567_5 = \chi_{24,1}$	1	1	3	1	.	.	.	1	1	.	2	1	.
$567_6 = \chi_{24,2}$	3	1	1	.	1	.	1	.	1	1	.	2	1
$567_7 = \chi_{25,0}$	1	1	3	2	.	1	.	1	.	1	.	1	.
$567_8 = \chi_{25,1}$	3	1	1	1	2	.	.	.	1	1	1	.	2
$567_9 = \chi_{25,2}$	1	3	1	.	1	2	1	.	.	.	1	1	1
$567_{10} = \chi_{26,0}$	1	3	1	2	1	.	.	.	1	1	1	.	.
$567_{11} = \chi_{26,1}$	1	1	3	.	2	1	1	.	.	.	1	1	1
$567_{12} = \chi_{26,2}$	3	1	1	1	.	2	.	1	.	1	.	1	.
$567_{13} = \chi_{27,0}$	1	1	3	1	.	1	2	.	1	.	1	.	2
$567_{14} = \chi_{27,1}$	3	1	1	1	1	.	1	2	.	.	.	1	1
$567_{15} = \chi_{27,2}$	1	3	1	.	1	1	.	1	2	1	.	.	1
$567_{16} = \chi_{28,0}$	1	3	1	1	1	.	2	1	.	.	.	1	2
$567_{17} = \chi_{28,1}$	1	1	3	.	1	1	.	2	1	1	.	.	.
$567_{18} = \chi_{28,2}$	3	1	1	1	.	1	1	.	2	.	1	.	2

(Block 1:)	$\varphi_{5,1}$	$\varphi_{5,2}$	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{6,2}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{7,2}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{8,2}$	$\varphi_{9,0}$	$\varphi_{9,1}$
$513_{13} = \chi_{18,0}$	2	.	.	1	1	.	1	2	.	2	2	1	1
$513_{14} = \chi_{18,1}$	.	2	1	.	1	2	.	1	2	.	2	.	1
$513_{15} = \chi_{18,2}$	.	.	1	1	.	1	2	.	2	2	.	1	.
$513_{16} = \chi_{19,0}$	.	1	.	1	1	1	1	.	.	2	.	2	2
$513_{17} = \chi_{19,1}$	1	.	1	.	1	.	1	1	.	.	2	.	2
$513_{18} = \chi_{19,2}$	1	1	1	1	.	1	.	1	2	.	.	2	.
$513_{19} = \chi_{20,0}$	1	1	1	1	.	.	.	2	1	.	1	2	.
$513_{20} = \chi_{20,1}$	.	1	.	1	1	2	.	.	1	1	.	1	2
$513_{21} = \chi_{20,2}$	1	.	1	.	1	.	2	.	.	1	1	.	1
$513_{22} = \chi_{21,0}$	.	2	1	.	2	.	1	1	1	1	.	1	.
$513_{23} = \chi_{21,1}$	2	.	2	1	.	1	.	1	.	1	1	1	1
$513_{24} = \chi_{21,2}$	2	2	.	2	1	1	1	.	1	.	1	.	1
$513_{25} = \chi_{22,0}$	2	.	2	2	.	1	.	1	.	1	1	2	.
$513_{26} = \chi_{22,1}$	1	2	.	2	2	1	1	.	1	.	1	.	2
$513_{27} = \chi_{22,2}$	.	1	2	.	2	.	1	1	1	1	.	.	.
$567_1 = \chi_{23,0}$	.	2	1	.	1	2	1	1	2	.	2	.	1
$567_2 = \chi_{23,1}$	1	.	1	1	.	1	2	1	2	2	.	2	.
$567_3 = \chi_{23,2}$	2	1	.	1	1	1	1	2	.	2	2	1	2
$567_4 = \chi_{24,0}$	1	.	1	2	.	2	2	.	2	1	1	.	.
$567_5 = \chi_{24,1}$	1	1	.	1	2	.	2	2	1	2	1	1	.
$567_6 = \chi_{24,2}$	.	1	2	.	1	2	.	2	1	1	2	.	1
$567_7 = \chi_{25,0}$	1	2	.	1	.	1	.	2	1	.	1	2	1
$567_8 = \chi_{25,1}$	.	1	.	.	1	2	1	.	1	1	.	1	2
$567_9 = \chi_{25,2}$	2	.	1	.	.	.	2	1	.	1	1	1	1
$567_{10} = \chi_{26,0}$	.	1	.	2	1	1	1	.	1	2	.	2	2
$567_{11} = \chi_{26,1}$	.	.	1	.	2	.	1	1	.	1	2	.	2
$567_{12} = \chi_{26,2}$	1	.	2	1	.	1	.	1	2	.	1	2	.
$567_{13} = \chi_{27,0}$	1	1	2	.	2	.	1	2	.	1	.	1	.
$567_{14} = \chi_{27,1}$	2	1	2	2	.	2	.	1	.	.	1	2	1
$567_{15} = \chi_{27,2}$	1	2	.	2	2	1	2	.	1	.	.	.	2
$567_{16} = \chi_{28,0}$	2	.	2	1	1	.	.	1	.	2	1	1	1
$567_{17} = \chi_{28,1}$	2	2	1	2	1	1	.	.	1	.	2	.	1
$567_{18} = \chi_{28,2}$	.	2	1	1	2	.	1	.	2	1	.	1	.

(Block 1:)	$\varphi_{9,2}$	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{10,2}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{12,2}$	$\varphi_{13,0}$
$513_{13} = \chi_{18,0}$	.	1	.	1	.	1	.	.	.	1	1
$513_{14} = \chi_{18,1}$	1	1	1	.	.	.	1	1	.	.	.
$513_{15} = \chi_{18,2}$	1	.	1	1	1	.	.	.	1	.	.
$513_{16} = \chi_{19,0}$	.	2	1	.	.	.	1	.	.	1	.
$513_{17} = \chi_{19,1}$	2	.	2	1	1	.	.	1	.	.	.
$513_{18} = \chi_{19,2}$	2	1	.	2	.	1	.	.	1	.	.
$513_{19} = \chi_{20,0}$	1	2	.	2	.	1	.	.	1	.	.
$513_{20} = \chi_{20,1}$	.	2	2	.	.	.	1	.	.	1	.
$513_{21} = \chi_{20,2}$	2	.	2	2	1	.	.	1	.	.	.
$513_{22} = \chi_{21,0}$	1	2	.	.	1	.	.	.	.	1	.
$513_{23} = \chi_{21,1}$	.	.	2	.	.	1	.	1	.	.	.
$513_{24} = \chi_{21,2}$	1	.	.	2	.	.	1	.	1	.	.
$513_{25} = \chi_{22,0}$	.	1	1	.	.	1	.	1	.	.	.
$513_{26} = \chi_{22,1}$	.	.	1	1	.	.	1	.	1	.	.
$513_{27} = \chi_{22,2}$	2	1	.	1	1	.	.	.	.	1	.
$567_1 = \chi_{23,0}$	2	.	1	.	1	.	1	1	.	.	.
$567_2 = \chi_{23,1}$	1	.	.	1	1	1	.	.	1	.	.
$567_3 = \chi_{23,2}$	.	1	.	.	.	1	1	.	.	1	1
$567_4 = \chi_{24,0}$	1	.	2	1	1	.	.	1	1	.	.
$567_5 = \chi_{24,1}$	.	1	.	2	.	1	.	.	1	1	1
$567_6 = \chi_{24,2}$	.	2	1	.	.	.	1	1	.	1	.
$567_7 = \chi_{25,0}$	1	2	.	2	.	1	1	.	1	.	.
$567_8 = \chi_{25,1}$	1	2	2	.	1	.	1	.	.	1	.
$567_9 = \chi_{25,2}$	2	.	2	2	1	1	.	1	.	.	.
$567_{10} = \chi_{26,0}$	.	2	1	1	.	.	1	.	1	1	.
$567_{11} = \chi_{26,1}$	2	1	2	1	1	.	.	1	.	1	.
$567_{12} = \chi_{26,2}$	2	1	1	2	.	1	.	1	1	.	.
$567_{13} = \chi_{27,0}$	2	1	.	1	1	1	.	.	.	1	.
$567_{14} = \chi_{27,1}$	.	1	1	.	.	1	1	1	.	.	.
$567_{15} = \chi_{27,2}$	1	.	1	1	1	.	1	.	1	.	.
$567_{16} = \chi_{28,0}$	.	1	2	.	.	1	.	1	.	1	.
$567_{17} = \chi_{28,1}$	1	.	1	2	.	.	1	1	1	.	.
$567_{18} = \chi_{28,2}$	1	2	.	1	1	.	.	.	1	1	.

(Block 1:)	$\varphi_{13,1}$	$\varphi_{13,2}$	$\varphi_{14,0}$	$\varphi_{14,1}$	$\varphi_{14,2}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{15,2}$	$\varphi_{16,0}$	$\varphi_{16,1}$	$\varphi_{16,2}$
$513_{13} = \chi_{18,0}$	.	.	.	.	.	.	.	.	.	.	.
$513_{14} = \chi_{18,1}$	1	.	.	.	.	.	.	.	.	.	.
$513_{15} = \chi_{18,2}$	.	1	.	.	.	.	.	.	.	.	.
$513_{16} = \chi_{19,0}$	.	.	.	.	1	.	.	.	1	.	.
$513_{17} = \chi_{19,1}$	.	.	1	.	.	.	.	.	.	1	.
$513_{18} = \chi_{19,2}$	.	.	.	1	.	.	.	.	.	.	1
$513_{19} = \chi_{20,0}$	.	.	.	1	.	.	.	.	.	.	1
$513_{20} = \chi_{20,1}$	.	.	.	.	1	.	.	.	1	.	.
$513_{21} = \chi_{20,2}$	.	.	1	.	.	.	.	.	.	1	.
$513_{22} = \chi_{21,0}$	.	.	.	.	.	.	1	.	1	.	.
$513_{23} = \chi_{21,1}$	.	.	.	.	.	.	.	1	.	1	.
$513_{24} = \chi_{21,2}$	.	.	.	.	.	1	.	.	.	.	1
$513_{25} = \chi_{22,0}$	.	.	.	.	.	.	.	1	.	.	.
$513_{26} = \chi_{22,1}$	.	.	.	.	.	1	.	.	.	.	.
$513_{27} = \chi_{22,2}$	.	.	.	.	.	.	1	.	.	.	.
$567_1 = \chi_{23,0}$	1	.	.	.	.	.	.	.	.	.	.
$567_2 = \chi_{23,1}$	.	1	.	.	.	.	.	.	.	.	.
$567_3 = \chi_{23,2}$	.	.	.	.	.	.	.	.	.	.	.
$567_4 = \chi_{24,0}$	.	1	.	.	.	.	.	.	.	.	.
$567_5 = \chi_{24,1}$	.	.	.	.	.	.	.	.	.	.	.
$567_6 = \chi_{24,2}$	1	.	.	.	.	.	.	.	.	.	.
$567_7 = \chi_{25,0}$	.	.	.	1	.	.	.	.	.	.	1
$567_8 = \chi_{25,1}$	.	.	.	.	1	.	.	.	1	.	.
$567_9 = \chi_{25,2}$	.	.	1	.	.	.	.	.	.	1	.
$567_{10} = \chi_{26,0}$	.	.	.	.	1	.	.	.	1	.	.
$567_{11} = \chi_{26,1}$	.	.	1	.	.	.	.	.	.	1	.
$567_{12} = \chi_{26,2}$	.	.	.	1	.	.	.	.	.	.	1
$567_{13} = \chi_{27,0}$	.	.	.	.	.	.	1	.	.	.	.
$567_{14} = \chi_{27,1}$	.	.	.	.	.	.	.	1	.	.	.
$567_{15} = \chi_{27,2}$	.	.	.	.	.	1	.	.	.	.	.
$567_{16} = \chi_{28,0}$	.	.	.	.	.	.	.	1	.	1	.
$567_{17} = \chi_{28,1}$	.	.	.	.	.	1	.	.	.	.	1
$567_{18} = \chi_{28,2}$	.	.	.	.	.	.	1	.	1	.	.

(Block 1:)	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{17,2}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{18,2}$	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{19,2}$	$\varphi_{20,0}$	$\varphi_{20,1}$
$513_{13} = \chi_{18,0}$	.	.	.	.	.	.	.	1	.	.	1
$513_{14} = \chi_{18,1}$	.	.	.	.	.	.	.	.	1	.	.
$513_{15} = \chi_{18,2}$	.	.	.	.	.	.	1	.	.	1	.
$513_{16} = \chi_{19,0}$	.	1	.	.	.	.	.	.	.	.	1
$513_{17} = \chi_{19,1}$	.	.	1	.	.	.	.	.	.	.	.
$513_{18} = \chi_{19,2}$	1	.	.	.	.	.	.	.	.	1	.
$513_{19} = \chi_{20,0}$	1	.	.	.	.	.	.	.	.	.	.
$513_{20} = \chi_{20,1}$	.	1	.	.	.	.	.	.	.	.	.
$513_{21} = \chi_{20,2}$	.	.	1	.	.	.	.	.	.	.	.
$513_{22} = \chi_{21,0}$	.	.	.	.	.	1	1	.	.	.	.
$513_{23} = \chi_{21,1}$	.	.	.	1	.	.	.	1	.	.	.
$513_{24} = \chi_{21,2}$	.	.	.	.	1	.	.	.	1	.	.
$513_{25} = \chi_{22,0}$	1	.	.	1	.	.	.	1	.	.	.
$513_{26} = \chi_{22,1}$	.	1	.	.	1	.	.	.	1	.	.
$513_{27} = \chi_{22,2}$	.	.	1	.	.	1	1	.	.	.	.
$567_1 = \chi_{23,0}$	.	.	.	.	.	.	.	.	1	.	.
$567_2 = \chi_{23,1}$	.	.	.	.	.	.	1	.	.	1	.
$567_3 = \chi_{23,2}$	.	.	.	.	.	.	.	1	.	.	1
$567_4 = \chi_{24,0}$	.	.	.	.	1	.	.	.	.	1	.
$567_5 = \chi_{24,1}$	.	.	.	.	.	1	.	.	.	.	1
$567_6 = \chi_{24,2}$	.	.	.	1	.	.	.	.	.	.	.
$567_7 = \chi_{25,0}$	1	.	.	.	.	.	.	.	.	.	.
$567_8 = \chi_{25,1}$	.	1	.	.	.	.	.	.	.	.	.
$567_9 = \chi_{25,2}$	.	.	1	.	.	.	.	.	.	.	.
$567_{10} = \chi_{26,0}$	.	1	.	.	.	.	.	.	.	.	1
$567_{11} = \chi_{26,1}$	.	.	1	.	.	.	.	.	.	.	.
$567_{12} = \chi_{26,2}$	1	.	.	.	.	.	.	.	.	1	.
$567_{13} = \chi_{27,0}$	.	.	1	.	.	1	1	.	.	.	.
$567_{14} = \chi_{27,1}$	1	.	.	1	.	.	.	1	.	.	.
$567_{15} = \chi_{27,2}$	.	1	.	.	1	.	.	.	1	.	.
$567_{16} = \chi_{28,0}$	.	.	.	1	.	.	.	1	.	.	.
$567_{17} = \chi_{28,1}$	.	.	.	.	1	.	.	.	1	.	.
$567_{18} = \chi_{28,2}$	.	.	.	.	.	1	1	.	.	.	.

(Block 1:)	$\varphi_{20,2}$	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{21,2}$
$513_{13} = \chi_{18,0}$	.	.	.	1
$513_{14} = \chi_{18,1}$	1	1	.	.
$513_{15} = \chi_{18,2}$	.	.	1	.
$513_{16} = \chi_{19,0}$	.	.	.	.
$513_{17} = \chi_{19,1}$	1	.	.	.
$513_{18} = \chi_{19,2}$	.	.	.	.
$513_{19} = \chi_{20,0}$	.	.	.	1
$513_{20} = \chi_{20,1}$	.	1	.	.
$513_{21} = \chi_{20,2}$	.	.	1	.
$513_{22} = \chi_{21,0}$	.	.	.	.
$513_{23} = \chi_{21,1}$	.	.	.	.
$513_{24} = \chi_{21,2}$	.	.	.	.
$513_{25} = \chi_{22,0}$	.	.	.	.
$513_{26} = \chi_{22,1}$	.	.	.	.
$513_{27} = \chi_{22,2}$	.	.	.	.
$567_1 = \chi_{23,0}$	1	1	.	.
$567_2 = \chi_{23,1}$	.	.	1	.
$567_3 = \chi_{23,2}$	.	.	.	1
$567_4 = \chi_{24,0}$	.	.	1	.
$567_5 = \chi_{24,1}$	.	.	.	1
$567_6 = \chi_{24,2}$	1	1	.	.
$567_7 = \chi_{25,0}$	.	.	.	1
$567_8 = \chi_{25,1}$	.	1	.	.
$567_9 = \chi_{25,2}$	.	.	1	.
$567_{10} = \chi_{26,0}$	.	.	.	.
$567_{11} = \chi_{26,1}$	1	.	.	.
$567_{12} = \chi_{26,2}$	.	.	.	.
$567_{13} = \chi_{27,0}$	.	.	.	.
$567_{14} = \chi_{27,1}$	.	.	.	.
$567_{15} = \chi_{27,2}$	.	.	.	.
$567_{16} = \chi_{28,0}$	.	.	.	.
$567_{17} = \chi_{28,1}$	.	.	.	.
$567_{18} = \chi_{28,2}$	.	.	.	.

$\varphi_{1,0} = 1_1$
$\varphi_{1,1} = 1_2$
$\varphi_{1,2} = 1_3$
$\varphi_{2,0} = 8_1$
$\varphi_{2,1} = 8_2$
$\varphi_{2,2} = 8_3$
$\varphi_{3,0} = 8_4$
$\varphi_{3,1} = 8_5$
$\varphi_{3,2} = 8_6$
$\varphi_{4,0} = 8_7$
$\varphi_{4,1} = 8_8$
$\varphi_{4,2} = 8_9$
$\varphi_{5,0} = 9_1$
$\varphi_{5,1} = 9_2$
$\varphi_{5,2} = 9_3$
$\varphi_{6,0} = 9_4$
$\varphi_{6,1} = 9_5$
$\varphi_{6,2} = 9_6$
$\varphi_{7,0} = 9_7$
$\varphi_{7,1} = 9_8$
$\varphi_{7,2} = 9_9$
$\varphi_{8,0} = 9_{10}$
$\varphi_{8,1} = 9_{11}$
$\varphi_{8,2} = 9_{12}$
$\varphi_{9,0} = 9_{13}$
$\varphi_{9,1} = 9_{14}$
$\varphi_{9,2} = 9_{15}$
$\varphi_{10,0} = 9_{16}$
$\varphi_{10,1} = 9_{17}$
$\varphi_{10,2} = 9_{18}$
$\varphi_{11,0} = 27_1$
$\varphi_{11,1} = 27_2$
$\varphi_{11,2} = 27_3$
$\varphi_{12,0} = 27_4$
$\varphi_{12,1} = 27_5$
$\varphi_{12,2} = 27_6$
$\varphi_{13,0} = 64_1$
$\varphi_{13,1} = 64_2$
$\varphi_{13,2} = 64_3$
$\varphi_{14,0} = 64_4$

$\varphi_{14,1}$	=	64 <sub>5</sub>	$\varphi_{18,1}$	=	72 <sub>8</sub>
$\varphi_{14,2}$	=	64 <sub>6</sub>	$\varphi_{18,2}$	=	72 <sub>9</sub>
$\varphi_{15,0}$	=	64 <sub>7</sub>	$\varphi_{19,0}$	=	72 <sub>10</sub>
$\varphi_{15,1}$	=	64 <sub>8</sub>	$\varphi_{19,1}$	=	72 <sub>11</sub>
$\varphi_{15,2}$	=	64 <sub>9</sub>	$\varphi_{19,2}$	=	72 <sub>12</sub>
$\varphi_{16,0}$	=	72 <sub>1</sub>	$\varphi_{20,0}$	=	72 <sub>13</sub>
$\varphi_{16,1}$	=	72 <sub>2</sub>	$\varphi_{20,1}$	=	72 <sub>14</sub>
$\varphi_{16,2}$	=	72 <sub>3</sub>	$\varphi_{20,2}$	=	72 <sub>15</sub>
$\varphi_{17,0}$	=	72 <sub>4</sub>	$\varphi_{21,0}$	=	72 <sub>16</sub>
$\varphi_{17,1}$	=	72 <sub>5</sub>	$\varphi_{21,1}$	=	72 <sub>17</sub>
$\varphi_{17,2}$	=	72 <sub>6</sub>	$\varphi_{21,2}$	=	72 <sub>18</sub>
$\varphi_{18,0}$	=	72 <sub>7</sub>			

<b>Blocks 5, 6:</b>	$\varphi_{23,0}$	$\varphi_{23,1}$	$\varphi_{23,2}$	$\varphi_{25,0}$	$\varphi_{25,1}$	$\varphi_{25,2}$	$\varphi_{27,0}$	$\varphi_{27,1}$	$\varphi_{27,2}$	$\varphi_{28,0}$	$\varphi_{28,1}$
$57_7 = \chi_{29,0}$	1	1	.	.	1	.	1	.	.	1	.
$57_8 = \chi_{29,1}$	.	1	1	.	.	1	.	1	.	.	1
$57_9 = \chi_{29,2}$	1	.	1	1	.	.	.	.	1	.	.
$57_{13} = \chi_{30,0}$	.	1	.	1	1	.	.	1	.	.	.
$57_{14} = \chi_{30,1}$	.	.	1	.	1	1	.	.	1	.	.
$57_{15} = \chi_{30,2}$	1	.	.	1	.	1	1	.	.	.	.
$57_{19} = \chi_{31,0}$	.	1	.	1	.	.	1	.	1	.	1
$57_{20} = \chi_{31,1}$	.	.	1	.	1	.	1	1	.	.	.
$57_{21} = \chi_{31,2}$	1	.	.	.	.	1	.	1	1	1	.
$567_{19} = \chi_{32+}$	1	1	1	1	1	1	1	1	1	1	1
$399_{11} = \chi_{35,0}$	3	1	1	1	2	1	1	.	2	2	1
$399_{12} = \chi_{35,1}$	1	3	1	1	1	2	2	1	.	.	2
$399_{13} = \chi_{35,2}$	1	1	3	2	1	1	.	2	1	1	.
$399_{17} = \chi_{36,0}$	2	1	.	3	1	1	1	2	1	1	1
$399_{18} = \chi_{36,1}$	.	2	1	1	3	1	1	1	2	.	1
$399_{19} = \chi_{36,2}$	1	.	2	1	1	3	2	1	1	1	.
$399_{23} = \chi_{37,0}$	1	2	1	1	.	2	1	1	3	.	1
$399_{24} = \chi_{37,1}$	1	1	2	2	1	.	3	1	1	1	.
$399_{25} = \chi_{37,2}$	2	1	1	.	2	1	1	3	1	1	1
$456_7 = \chi_{38,0}$	1	1	.	2	3	.	1	4	.	1	.
$456_8 = \chi_{38,1}$	.	1	1	.	2	3	.	1	4	.	1
$456_9 = \chi_{38,2}$	1	.	1	3	.	2	4	.	1	.	.
$456_{13} = \chi_{39,0}$	.	1	4	1	1	.	2	3	.	.	.
$456_{14} = \chi_{39,1}$	4	.	1	.	1	1	.	2	3	2	.
$456_{15} = \chi_{39,2}$	1	4	.	1	.	1	3	.	2	.	2
$456_{19} = \chi_{40,0}$	2	3	.	1	4	.	1	.	1	2	1
$456_{20} = \chi_{40,1}$	.	2	3	.	1	4	1	1	.	.	2
$456_{21} = \chi_{40,2}$	3	.	2	4	.	1	.	1	1	1	.
$513_{28} = \chi_{41,0}$	3	2	1	.	4	1	.	.	1	2	1
$513_{29} = \chi_{41,1}$	1	3	2	1	.	4	1	.	.	.	2
$513_{30} = \chi_{41,2}$	2	1	3	4	1	.	.	1	.	1	.
$513_{34} = \chi_{42,0}$	1	.	.	3	2	1	.	4	1	1	.
$513_{35} = \chi_{42,1}$	.	1	.	1	3	2	1	.	4	.	1
$513_{36} = \chi_{42,2}$	.	.	1	2	1	3	4	1	.	.	.
$513_{40} = \chi_{43,0}$	1	.	4	1	.	.	3	2	1	1	.
$513_{41} = \chi_{43,1}$	4	1	.	.	1	.	1	3	2	2	1
$513_{42} = \chi_{43,2}$	.	4	1	.	.	1	2	1	3	.	2
$513_{46} = \chi_{44,0}$	2	1	2	3	2	.	3	1	1	2	.
$513_{47} = \chi_{44,1}$	2	2	1	.	3	2	1	3	1	1	2
$513_{48} = \chi_{44,2}$	1	2	2	2	.	3	1	1	3	.	1

<b>(Blocks 5, 6:)</b>	$\varphi_{28,2}$	$\varphi_{30,0}$	$\varphi_{30,1}$	$\varphi_{30,2}$	$\varphi_{32,0}$	$\varphi_{32,1}$	$\varphi_{32,2}$	$\varphi_{33,0}$	$\varphi_{33,1}$	$\varphi_{33,2}$	$\varphi_{35,0}$
$57_7 = \chi_{29,0}$	.	.	1	.	.	.	.	.	.	.	.
$57_8 = \chi_{29,1}$	.	.	.	1	.	.	.	.	.	.	.
$57_9 = \chi_{29,2}$	1	1	.	.	.	.	.	.	.	.	.
$57_{13} = \chi_{30,0}$	.	1	.	.	.	1	.	.	.	.	.
$57_{14} = \chi_{30,1}$	.	.	1	.	.	.	1	.	.	.	.
$57_{15} = \chi_{30,2}$	.	.	.	1	1	.	.	.	.	.	.
$57_{19} = \chi_{31,0}$	.	.	.	.	.	.	1	.	.	.	.
$57_{20} = \chi_{31,1}$	1	.	.	.	1	.	.	.	.	.	.
$57_{21} = \chi_{31,2}$	.	.	.	.	.	1	.	.	.	.	.
$567_{19} = \chi_{32+}$	1	1	1	1	1	1	1	1	1	1	1
$399_{11} = \chi_{35,0}$	.	.	1	1	1	.	1	.	.	1	.
$399_{12} = \chi_{35,1}$	1	1	.	1	1	1	.	1	.	.	.
$399_{13} = \chi_{35,2}$	2	1	1	.	.	1	1	.	1	.	1
$399_{17} = \chi_{36,0}$	.	2	1	.	.	1	1	.	1	.	.
$399_{18} = \chi_{36,1}$	1	.	2	1	1	.	1	.	.	1	1
$399_{19} = \chi_{36,2}$	1	1	.	2	1	1	.	1	.	.	.
$399_{23} = \chi_{37,0}$	1	1	.	1	1	.	2	.	1	.	1
$399_{24} = \chi_{37,1}$	1	1	1	.	2	1	.	.	.	1	.
$399_{25} = \chi_{37,2}$	.	.	1	1	.	2	1	1	.	.	.
$456_7 = \chi_{38,0}$	.	2	1	.	.	2	.	.	.	.	.
$456_8 = \chi_{38,1}$	.	.	2	1	.	.	2	.	.	.	.
$456_9 = \chi_{38,2}$	1	1	.	2	2	.	.	.	.	.	.
$456_{13} = \chi_{39,0}$	2	1	.	.	2	1	.	.	.	.	.
$456_{14} = \chi_{39,1}$	.	.	1	.	.	2	1	.	.	.	.
$456_{15} = \chi_{39,2}$	.	.	.	1	1	.	2	.	.	.	.
$456_{19} = \chi_{40,0}$	.	.	2	.	.	.	1	.	.	.	.
$456_{20} = \chi_{40,1}$	1	.	.	2	1	.	.	.	.	.	.
$456_{21} = \chi_{40,2}$	2	2	.	.	.	1	.	.	.	.	.
$513_{28} = \chi_{41,0}$	.	.	2	1	.	.	1	.	.	.	.
$513_{29} = \chi_{41,1}$	1	1	.	2	1	.	.	.	.	.	.
$513_{30} = \chi_{41,2}$	2	2	1	.	.	1	.	.	.	.	.
$513_{34} = \chi_{42,0}$	.	2	1	.	.	2	1	.	1	.	.
$513_{35} = \chi_{42,1}$	.	.	2	1	1	.	2	.	.	1	.
$513_{36} = \chi_{42,2}$	1	1	.	2	2	1	.	1	.	.	.
$513_{40} = \chi_{43,0}$	2	1	.	.	2	1	.	.	.	.	.
$513_{41} = \chi_{43,1}$	.	.	1	.	.	2	1	.	.	.	.
$513_{42} = \chi_{43,2}$	1	.	.	1	1	.	2	.	.	.	1
$513_{46} = \chi_{44,0}$	1	1	1	.	2	1	.	.	.	1	.
$513_{47} = \chi_{44,1}$	.	.	1	1	.	2	1	1	.	.	.
$513_{48} = \chi_{44,2}$	2	1	.	1	1	.	2	.	1	.	1

<b>(Blocks 5, 6:)</b>	$\varphi_{35,1}$	$\varphi_{35,2}$	$\varphi_{37,0}$	$\varphi_{37,1}$	$\varphi_{37,2}$	$\varphi_{38,0}$	$\varphi_{38,1}$	$\varphi_{38,2}$	$\varphi_{40,0}$	$\varphi_{40,1}$	$\varphi_{40,2}$
$57_7 = \chi_{29,0}$	.	.	.	.	.	.	.	.	.	.	.
$57_8 = \chi_{29,1}$	.	.	.	.	.	.	.	.	.	.	.
$57_9 = \chi_{29,2}$	.	.	.	.	.	.	.	.	.	.	.
$57_{13} = \chi_{30,0}$	.	.	.	.	.	.	.	.	.	.	.
$57_{14} = \chi_{30,1}$	.	.	.	.	.	.	.	.	.	.	.
$57_{15} = \chi_{30,2}$	.	.	.	.	.	.	.	.	.	.	.
$57_{19} = \chi_{31,0}$	.	.	.	.	.	.	.	.	.	.	.
$57_{20} = \chi_{31,1}$	.	.	.	.	.	.	.	.	.	.	.
$57_{21} = \chi_{31,2}$	.	.	.	.	.	.	.	.	.	.	.
$567_{19} = \chi_{32+}$	1	1	1	1	1	.	.	.	.	.	.
$399_{11} = \chi_{35,0}$	1	.	1	.	.	.	1	.	.	.	1
$399_{12} = \chi_{35,1}$	.	1	.	1	.	.	.	1	1	.	.
$399_{13} = \chi_{35,2}$	.	.	.	.	1	1	.	.	.	1	.
$399_{17} = \chi_{36,0}$	.	1	.	1	.	.	.	.	.	1	.
$399_{18} = \chi_{36,1}$	.	.	.	.	1	.	.	.	.	.	1
$399_{19} = \chi_{36,2}$	1	.	1	.	.	.	.	.	1	.	.
$399_{23} = \chi_{37,0}$	.	.	.	1	.	.	.	1	.	.	.
$399_{24} = \chi_{37,1}$	1	.	.	.	1	1	.	.	.	.	.
$399_{25} = \chi_{37,2}$	.	1	1	.	.	.	1	.	.	.	.
$456_7 = \chi_{38,0}$	.	.	.	.	.	.	.	.	.	.	.
$456_8 = \chi_{38,1}$	.	.	.	.	.	.	.	.	.	.	.
$456_9 = \chi_{38,2}$	.	.	.	.	.	.	.	.	.	.	.
$456_{13} = \chi_{39,0}$	.	.	.	.	.	2	.	.	.	.	.
$456_{14} = \chi_{39,1}$	.	.	.	.	.	.	2	.	.	.	.
$456_{15} = \chi_{39,2}$	.	.	.	.	.	.	.	2	.	.	.
$456_{19} = \chi_{40,0}$	.	.	.	.	.	.	.	.	.	.	2
$456_{20} = \chi_{40,1}$	.	.	.	.	.	.	.	.	2	.	.
$456_{21} = \chi_{40,2}$	.	.	.	.	.	.	.	.	.	2	.
$513_{28} = \chi_{41,0}$	.	.	1	.	.	.	1	.	.	.	2
$513_{29} = \chi_{41,1}$	.	.	.	1	.	.	.	1	2	.	.
$513_{30} = \chi_{41,2}$	.	.	.	.	1	1	.	.	.	2	.
$513_{34} = \chi_{42,0}$	.	.	.	.	.	.	.	.	.	1	.
$513_{35} = \chi_{42,1}$	.	.	.	.	.	.	.	.	.	.	1
$513_{36} = \chi_{42,2}$	.	.	.	.	.	.	.	.	1	.	.
$513_{40} = \chi_{43,0}$	1	.	.	.	.	2	.	.	.	.	.
$513_{41} = \chi_{43,1}$	.	1	.	.	.	.	2	.	.	.	.
$513_{42} = \chi_{43,2}$	.	.	.	.	.	.	.	2	.	.	.
$513_{46} = \chi_{44,0}$	1	.	.	.	1	1	.	.	.	.	1
$513_{47} = \chi_{44,1}$	.	1	1	.	.	.	1	.	1	.	.
$513_{48} = \chi_{44,2}$	.	.	.	1	.	.	.	1	.	1	.

<b>(Blocks 5, 6:)</b>	$\varphi_{42,0}$	$\varphi_{42,1}$	$\varphi_{42,2}$	$\varphi_{43,0}$	$\varphi_{43,1}$	$\varphi_{43,2}$	$\varphi_{45,0}$	$\varphi_{45,1}$	$\varphi_{45,2}$	$\varphi_{47,0}$	$\varphi_{47,1}$
$57_7 = \chi_{29,0}$	.	.	.	.	.	1	.	.	.	.	.
$57_8 = \chi_{29,1}$	.	.	.	1	.	.	.	.	.	.	.
$57_9 = \chi_{29,2}$	.	.	.	.	1	.	.	.	.	.	.
$57_{13} = \chi_{30,0}$	.	.	.	.	.	.	.	.	1	.	.
$57_{14} = \chi_{30,1}$	.	.	.	.	.	.	1	.	.	.	.
$57_{15} = \chi_{30,2}$	.	.	.	.	.	.	.	1	.	.	.
$57_{19} = \chi_{31,0}$	.	.	.	.	.	.	.	.	.	.	1
$57_{20} = \chi_{31,1}$	.	.	.	.	.	.	.	.	.	.	.
$57_{21} = \chi_{31,2}$	.	.	.	.	.	.	.	.	.	1	.
$567_{19} = \chi_{32+}$	.	.	.	1	1	1	1	1	1	1	1
$399_{11} = \chi_{35,0}$	.	.	.	.	.	1	1	1	.	.	.
$399_{12} = \chi_{35,1}$	.	.	.	1	.	.	.	1	1	1	.
$399_{13} = \chi_{35,2}$	.	.	.	.	1	.	1	.	1	.	1
$399_{17} = \chi_{36,0}$	.	.	1	1	.	.	.	.	1	1	1
$399_{18} = \chi_{36,1}$	1	.	.	.	1	.	1	.	.	.	1
$399_{19} = \chi_{36,2}$	.	1	.	.	.	1	.	1	.	1	.
$399_{23} = \chi_{37,0}$	1	.	.	1	1	.	.	.	1	.	1
$399_{24} = \chi_{37,1}$	.	1	.	.	1	1	1	.	.	.	.
$399_{25} = \chi_{37,2}$	.	.	1	1	.	1	.	1	.	1	.
$456_7 = \chi_{38,0}$	.	.	2	.	.	1	.	.	1	.	.
$456_8 = \chi_{38,1}$	2	.	.	1	.	.	1	.	.	.	.
$456_9 = \chi_{38,2}$	.	2	.	.	1	.	.	1	.	.	.
$456_{13} = \chi_{39,0}$	.	.	.	.	.	.	.	.	1	.	.
$456_{14} = \chi_{39,1}$	.	.	.	.	.	.	1	.	.	1	.
$456_{15} = \chi_{39,2}$	.	.	.	.	.	.	.	1	.	.	1
$456_{19} = \chi_{40,0}$	.	.	.	.	.	1	.	.	.	.	1
$456_{20} = \chi_{40,1}$	.	.	.	1	.	.	.	.	.	.	.
$456_{21} = \chi_{40,2}$	.	.	.	.	1	.	.	.	.	1	.
$513_{28} = \chi_{41,0}$	.	.	.	.	.	1	.	1	.	.	.
$513_{29} = \chi_{41,1}$	.	.	.	1	.	.	.	.	1	.	.
$513_{30} = \chi_{41,2}$	.	.	.	.	1	.	1	.	.	.	.
$513_{34} = \chi_{42,0}$	.	.	2	.	.	.	.	.	1	.	1
$513_{35} = \chi_{42,1}$	2	.	.	.	.	.	1	.	.	.	.
$513_{36} = \chi_{42,2}$	.	2	.	.	.	.	.	1	.	1	.
$513_{40} = \chi_{43,0}$	.	1	.	.	.	1	.	.	.	.	.
$513_{41} = \chi_{43,1}$	.	.	1	1	.	.	.	.	.	1	.
$513_{42} = \chi_{43,2}$	1	.	.	.	1	.	.	.	.	.	1
$513_{46} = \chi_{44,0}$	.	1	.	.	1	1	1	.	.	.	.
$513_{47} = \chi_{44,1}$	.	.	1	1	.	1	.	1	.	1	.
$513_{48} = \chi_{44,2}$	1	.	.	1	1	.	.	.	1	.	1

(Blocks 5, 6:)	$\varphi_{47,2}$	$\varphi_{48,0}$	$\varphi_{48,1}$	$\varphi_{48,2}$	$\varphi_{50,0}$	$\varphi_{50,1}$	$\varphi_{50,2}$	$\varphi_{52,0}$	$\varphi_{52,1}$	$\varphi_{52,2}$	$\varphi_{53,0}$
$57_7 = \chi_{29,0}$	.	.	.	.	.	.	.	.	.	.	.
$57_8 = \chi_{29,1}$	.	.	.	.	.	.	.	.	.	.	.
$57_9 = \chi_{29,2}$	.	.	.	.	.	.	.	.	.	.	.
$57_{13} = \chi_{30,0}$	.	.	.	.	.	.	.	.	.	.	.
$57_{14} = \chi_{30,1}$	.	.	.	.	.	.	.	.	.	.	.
$57_{15} = \chi_{30,2}$	.	.	.	.	.	.	.	.	.	.	.
$57_{19} = \chi_{31,0}$	.	.	.	.	.	.	.	.	.	.	.
$57_{20} = \chi_{31,1}$	1	.	.	.	.	.	.	.	.	.	.
$57_{21} = \chi_{31,2}$	.	.	.	.	.	.	.	.	.	.	.
$567_{19} = \chi_{32,+}$	1	.	.	.	.	.	.	.	.	.	.
$399_{11} = \chi_{35,0}$	1	.	.	.	.	.	.	.	1	.	.
$399_{12} = \chi_{35,1}$	.	.	.	.	.	.	.	.	.	1	.
$399_{13} = \chi_{35,2}$	.	.	.	.	.	.	.	1	.	.	.
$399_{17} = \chi_{36,0}$	.	.	.	1	.	.	.	.	.	.	.
$399_{18} = \chi_{36,1}$	1	1	.	.	.	.	.	.	.	.	.
$399_{19} = \chi_{36,2}$	1	.	1	.	.	.	.	.	.	.	.
$399_{23} = \chi_{37,0}$	.	.	.	.	.	1	.	.	.	.	.
$399_{24} = \chi_{37,1}$	1	.	.	.	.	.	1	.	.	.	.
$399_{25} = \chi_{37,2}$	.	.	.	.	1	.	.	.	.	.	.
$456_7 = \chi_{38,0}$	.	.	.	1	.	.	.	.	.	.	.
$456_8 = \chi_{38,1}$	.	1	.	.	.	.	.	.	.	.	.
$456_9 = \chi_{38,2}$	.	.	1	.	.	.	.	.	.	.	.
$456_{13} = \chi_{39,0}$	1	.	.	.	.	.	1	.	.	.	.
$456_{14} = \chi_{39,1}$	.	.	.	.	1	.	.	.	.	.	.
$456_{15} = \chi_{39,2}$	.	.	.	.	.	1	.	.	.	.	.
$456_{19} = \chi_{40,0}$	.	.	.	.	.	.	.	.	1	.	.
$456_{20} = \chi_{40,1}$	1	.	.	.	.	.	.	.	.	1	1
$456_{21} = \chi_{40,2}$	.	.	.	.	.	.	.	1	.	.	.
$513_{28} = \chi_{41,0}$	.	.	.	.	.	.	.	.	1	.	.
$513_{29} = \chi_{41,1}$	.	.	.	.	.	.	.	.	.	1	1
$513_{30} = \chi_{41,2}$	.	.	.	.	.	.	.	1	.	.	.
$513_{34} = \chi_{42,0}$	.	.	.	1	.	.	.	.	.	.	.
$513_{35} = \chi_{42,1}$	1	1	.	.	.	.	.	.	.	.	.
$513_{36} = \chi_{42,2}$	.	.	1	.	.	.	.	.	.	.	.
$513_{40} = \chi_{43,0}$	1	.	.	.	.	.	1	.	.	.	.
$513_{41} = \chi_{43,1}$	.	.	.	.	1	.	.	.	.	.	.
$513_{42} = \chi_{43,2}$	.	.	.	.	.	1	.	.	.	.	.
$513_{46} = \chi_{44,0}$	1	.	.	.	.	.	1	.	1	.	.
$513_{47} = \chi_{44,1}$	.	.	.	.	1	.	.	.	.	1	.
$513_{48} = \chi_{44,2}$	.	.	.	.	.	1	.	1	.	.	.



<b>(Blocks 5, 6:)</b>	$\varphi_{23,0}$	$\varphi_{23,1}$	$\varphi_{23,2}$	$\varphi_{25,0}$	$\varphi_{25,1}$	$\varphi_{25,2}$	$\varphi_{27,0}$	$\varphi_{27,1}$	$\varphi_{27,2}$	$\varphi_{28,0}$	$\varphi_{28,1}$
$513_{52} = \chi_{45,0}$	1	3	1	2	1	2	3	2	.	.	2
$513_{53} = \chi_{45,1}$	1	1	3	2	2	1	.	3	2	1	.
$513_{54} = \chi_{45,2}$	3	1	1	1	2	2	2	.	3	2	1
$513_{58} = \chi_{46,0}$	.	3	2	1	3	1	2	1	2	.	1
$513_{59} = \chi_{46,1}$	2	.	3	1	1	3	2	2	1	1	.
$513_{60} = \chi_{46,2}$	3	2	.	3	1	1	1	2	2	1	1
$513_{64} = \chi_{47,0}$	2	1	1	.	2	1	1	3	2	1	1
$513_{65} = \chi_{47,1}$	1	2	1	1	.	2	2	1	3	.	1
$513_{66} = \chi_{47,2}$	1	1	2	2	1	.	3	2	1	1	.
$513_{70} = \chi_{48,0}$	2	1	3	2	1	1	.	2	1	1	1
$513_{71} = \chi_{48,1}$	3	2	1	1	2	1	1	.	2	2	1
$513_{72} = \chi_{48,2}$	1	3	2	1	1	2	2	1	.	1	2
$513_{76} = \chi_{49,0}$	1	.	2	2	1	3	2	1	1	1	.
$513_{77} = \chi_{49,1}$	2	1	.	3	2	1	1	2	1	1	1
$513_{78} = \chi_{49,2}$	.	2	1	1	3	2	1	1	2	.	1
$567_{21} = \chi_{50,0}$	2	1	.	3	3	.	1	4	1	2	.
$567_{22} = \chi_{50,1}$	.	2	1	.	3	3	1	1	4	.	2
$567_{23} = \chi_{50,2}$	1	.	2	3	.	3	4	1	1	.	.
$567_{27} = \chi_{51,0}$	2	2	2	.	2	2	2	3	1	1	2
$567_{28} = \chi_{51,1}$	2	2	2	2	.	2	1	2	3	1	1
$567_{29} = \chi_{51,2}$	2	2	2	2	2	.	3	1	2	2	1
$567_{33} = \chi_{52,0}$	1	1	4	2	1	.	3	3	.	1	.
$567_{34} = \chi_{52,1}$	4	1	1	.	2	1	.	3	3	2	1
$567_{35} = \chi_{52,2}$	1	4	1	1	.	2	3	.	3	.	2
$567_{39} = \chi_{53,0}$	1	2	3	2	2	2	.	2	2	.	1
$567_{40} = \chi_{53,1}$	3	1	2	2	2	2	2	.	2	2	.
$567_{41} = \chi_{53,2}$	2	3	1	2	2	2	2	2	.	1	2
$567_{45} = \chi_{54,0}$	3	3	.	1	4	1	1	.	2	2	2
$567_{46} = \chi_{54,1}$	.	3	3	1	1	4	2	1	.	.	2
$567_{47} = \chi_{54,2}$	3	.	3	4	1	1	.	2	1	2	.
$567_{51} = \chi_{55,0}$	.	2	2	2	3	1	2	2	2	.	.
$567_{52} = \chi_{55,1}$	2	.	2	1	2	3	2	2	2	1	.
$567_{53} = \chi_{55,2}$	2	2	.	3	1	2	2	2	2	.	1

<b>(Blocks 5, 6:)</b>	$\varphi_{28,2}$	$\varphi_{30,0}$	$\varphi_{30,1}$	$\varphi_{30,2}$	$\varphi_{32,0}$	$\varphi_{32,1}$	$\varphi_{32,2}$	$\varphi_{33,0}$	$\varphi_{33,1}$	$\varphi_{33,2}$	$\varphi_{35,0}$
$513_{52} = \chi_{45,0}$	1	2	.	1	1	1	.	1	.	.	.
$513_{53} = \chi_{45,1}$	2	1	2	.	.	1	1	.	1	.	1
$513_{54} = \chi_{45,2}$	.	.	1	2	1	.	1	.	.	1	.
$513_{58} = \chi_{46,0}$	1	.	2	1	2	.	1	.	.	1	1
$513_{59} = \chi_{46,1}$	1	1	.	2	1	2	.	1	.	.	.
$513_{60} = \chi_{46,2}$	.	2	1	.	.	1	2	.	1	.	.
$513_{64} = \chi_{47,0}$	.	.	1	1	1	2	1	1	.	1	.
$513_{65} = \chi_{47,1}$	1	1	.	1	1	1	2	1	1	.	1
$513_{66} = \chi_{47,2}$	1	1	1	.	2	1	1	.	1	1	1
$513_{70} = \chi_{48,0}$	2	1	1	.	.	1	1	.	1	.	1
$513_{71} = \chi_{48,1}$	1	.	1	1	1	.	1	.	.	1	1
$513_{72} = \chi_{48,2}$	1	1	.	1	1	1	.	1	.	.	.
$513_{76} = \chi_{49,0}$	1	1	1	2	1	1	.	1	.	1	.
$513_{77} = \chi_{49,1}$	.	2	1	1	.	1	1	1	1	.	.
$513_{78} = \chi_{49,2}$	1	1	2	1	1	.	1	.	1	1	1
$567_{21} = \chi_{50,0}$	.	2	2	.	.	2	1	.	1	.	.
$567_{22} = \chi_{50,1}$	.	.	2	2	1	.	2	.	.	1	.
$567_{23} = \chi_{50,2}$	2	2	.	2	2	1	.	1	.	.	.
$567_{27} = \chi_{51,0}$	1	.	.	1	1	2	.	1	.	.	.
$567_{28} = \chi_{51,1}$	2	1	.	.	.	1	2	.	1	.	1
$567_{29} = \chi_{51,2}$	1	.	1	.	2	.	1	.	.	1	1
$567_{33} = \chi_{52,0}$	2	2	.	.	2	2	.	.	.	.	.
$567_{34} = \chi_{52,1}$	.	.	2	.	.	2	2	.	.	.	.
$567_{35} = \chi_{52,2}$	1	.	.	2	2	.	2	.	.	.	1
$567_{39} = \chi_{53,0}$	2	1	2	1	.	.	1	.	1	.	1
$567_{40} = \chi_{53,1}$	1	1	1	2	1	.	.	.	.	1	.
$567_{41} = \chi_{53,2}$	.	2	1	1	.	1	.	1	.	.	.
$567_{45} = \chi_{54,0}$	.	.	2	1	.	.	2	.	.	.	.
$567_{46} = \chi_{54,1}$	2	1	.	2	2	.	.	.	.	.	.
$567_{47} = \chi_{54,2}$	2	2	1	.	.	2	.	.	.	.	.
$567_{51} = \chi_{55,0}$	1	1	2	.	2	1	1	.	1	1	1
$567_{52} = \chi_{55,1}$	.	.	1	2	1	2	1	1	.	1	.
$567_{53} = \chi_{55,2}$	.	2	.	1	1	1	2	1	1	.	.

<b>(Blocks 5, 6:)</b>	$\varphi_{35,1}$	$\varphi_{35,2}$	$\varphi_{37,0}$	$\varphi_{37,1}$	$\varphi_{37,2}$	$\varphi_{38,0}$	$\varphi_{38,1}$	$\varphi_{38,2}$	$\varphi_{40,0}$	$\varphi_{40,1}$	$\varphi_{40,2}$
$513_{52} = \chi_{45,0}$	.	1	.	1	.	.	.	1	1	.	.
$513_{53} = \chi_{45,1}$	.	.	.	.	1	1	.	.	.	1	.
$513_{54} = \chi_{45,2}$	1	.	1	.	.	.	1	.	.	.	1
$513_{58} = \chi_{46,0}$	.	.	.	.	1	1	.	.	.	.	1
$513_{59} = \chi_{46,1}$	1	.	1	.	.	.	1	.	1	.	.
$513_{60} = \chi_{46,2}$	.	1	.	1	.	.	.	1	.	1	.
$513_{64} = \chi_{47,0}$	1	1	1	.	.	.	1	.	.	.	.
$513_{65} = \chi_{47,1}$	.	1	.	1	.	.	.	1	.	.	.
$513_{66} = \chi_{47,2}$	1	.	.	.	1	1	.	.	.	.	.
$513_{70} = \chi_{48,0}$	.	1	.	1	1	1	.	.	.	1	.
$513_{71} = \chi_{48,1}$	1	.	1	.	1	.	1	.	.	.	1
$513_{72} = \chi_{48,2}$	1	1	1	1	.	.	.	1	1	.	.
$513_{76} = \chi_{49,0}$	1	.	1	.	1	.	.	.	1	.	.
$513_{77} = \chi_{49,1}$	.	1	1	1	.	.	.	.	.	1	.
$513_{78} = \chi_{49,2}$	.	.	.	1	1	.	.	.	.	.	1
$567_{21} = \chi_{50,0}$	.	.	.	.	.	.	.	.	.	1	.
$567_{22} = \chi_{50,1}$	.	.	.	.	.	.	.	.	.	.	1
$567_{23} = \chi_{50,2}$	.	.	.	.	.	.	.	.	1	.	.
$567_{27} = \chi_{51,0}$	1	1	1	.	.	.	1	.	1	.	.
$567_{28} = \chi_{51,1}$	.	1	.	1	.	.	.	1	.	1	.
$567_{29} = \chi_{51,2}$	1	.	.	.	1	1	.	.	.	.	1
$567_{33} = \chi_{52,0}$	1	.	.	.	.	2	.	.	.	.	.
$567_{34} = \chi_{52,1}$	.	1	.	.	.	.	2	.	.	.	.
$567_{35} = \chi_{52,2}$	.	.	.	.	.	.	.	2	.	.	.
$567_{39} = \chi_{53,0}$	.	.	.	1	1	1	.	.	.	1	.
$567_{40} = \chi_{53,1}$	1	.	1	.	1	.	1	.	.	.	1
$567_{41} = \chi_{53,2}$	.	1	1	1	.	.	.	1	1	.	.
$567_{45} = \chi_{54,0}$	.	.	1	.	.	.	1	.	.	.	2
$567_{46} = \chi_{54,1}$	.	.	.	1	.	.	.	1	2	.	.
$567_{47} = \chi_{54,2}$	.	.	.	.	1	1	.	.	.	2	.
$567_{51} = \chi_{55,0}$	.	.	.	.	1	1	.	.	.	.	1
$567_{52} = \chi_{55,1}$	1	.	1	.	.	.	1	.	1	.	.
$567_{53} = \chi_{55,2}$	.	1	.	1	.	.	.	1	.	1	.

<b>(Blocks 5, 6:)</b>	$\varphi_{42,0}$	$\varphi_{42,1}$	$\varphi_{42,2}$	$\varphi_{43,0}$	$\varphi_{43,1}$	$\varphi_{43,2}$	$\varphi_{45,0}$	$\varphi_{45,1}$	$\varphi_{45,2}$	$\varphi_{47,0}$	$\varphi_{47,1}$
$513_{52} = \chi_{45,0}$	.	.	1	1	.	.	.	1	1	1	.
$513_{53} = \chi_{45,1}$	1	.	.	.	1	.	1	.	1	.	1
$513_{54} = \chi_{45,2}$	.	1	.	.	.	1	1	1	.	.	.
$513_{58} = \chi_{46,0}$	1	.	.	.	1	.	1	.	.	.	1
$513_{59} = \chi_{46,1}$	.	1	.	.	.	1	.	1	.	1	.
$513_{60} = \chi_{46,2}$	.	.	1	1	.	.	.	.	1	1	1
$513_{64} = \chi_{47,0}$	.	.	1	1	.	1	1	1	.	1	.
$513_{65} = \chi_{47,1}$	1	.	.	1	1	.	.	1	1	1	1
$513_{66} = \chi_{47,2}$	.	1	.	.	1	1	1	.	1	.	1
$513_{70} = \chi_{48,0}$	.	.	.	1	1	.	1	.	1	1	1
$513_{71} = \chi_{48,1}$	.	.	.	.	1	1	1	1	.	.	1
$513_{72} = \chi_{48,2}$	.	.	.	1	.	1	.	1	1	1	.
$513_{76} = \chi_{49,0}$	.	1	.	.	1	1	1	1	.	1	.
$513_{77} = \chi_{49,1}$	.	.	1	1	.	1	.	1	1	1	1
$513_{78} = \chi_{49,2}$	1	.	.	1	1	.	1	.	1	.	1
$567_{21} = \chi_{50,0}$	.	.	2	.	.	1	.	.	1	.	1
$567_{22} = \chi_{50,1}$	2	.	.	1	.	.	1	.	.	.	.
$567_{23} = \chi_{50,2}$	.	2	.	.	1	.	.	1	.	1	.
$567_{27} = \chi_{51,0}$	.	.	1	1	.	1	.	1	.	1	.
$567_{28} = \chi_{51,1}$	1	.	.	1	1	.	.	.	1	1	1
$567_{29} = \chi_{51,2}$	.	1	.	.	1	1	1	.	.	.	1
$567_{33} = \chi_{52,0}$	.	1	.	.	.	1	.	.	1	.	.
$567_{34} = \chi_{52,1}$	.	.	1	1	.	.	1	.	.	1	.
$567_{35} = \chi_{52,2}$	1	.	.	.	1	.	.	1	.	.	1
$567_{39} = \chi_{53,0}$	1	.	.	1	1	.	1	.	1	.	1
$567_{40} = \chi_{53,1}$	.	1	.	.	1	1	1	1	.	.	.
$567_{41} = \chi_{53,2}$	.	.	1	1	.	1	.	1	1	1	.
$567_{45} = \chi_{54,0}$	.	.	.	.	.	1	.	1	.	.	1
$567_{46} = \chi_{54,1}$	.	.	.	1	.	.	.	.	1	.	.
$567_{47} = \chi_{54,2}$	.	.	.	.	1	.	1	.	.	1	.
$567_{51} = \chi_{55,0}$	1	.	.	.	1	.	1	.	1	.	1
$567_{52} = \chi_{55,1}$	.	1	.	.	.	1	1	1	.	1	.
$567_{53} = \chi_{55,2}$	.	.	1	1	.	.	.	1	1	1	1

<b>(Blocks 5, 6:)</b>	$\varphi_{47,2}$	$\varphi_{48,0}$	$\varphi_{48,1}$	$\varphi_{48,2}$	$\varphi_{50,0}$	$\varphi_{50,1}$	$\varphi_{50,2}$	$\varphi_{52,0}$	$\varphi_{52,1}$	$\varphi_{52,2}$	$\varphi_{53,0}$
$513_{52} = \chi_{45,0}$	.	.	.	1	.	.	.	.	.	1	.
$513_{53} = \chi_{45,1}$	.	1	.	.	.	.	.	1	.	.	.
$513_{54} = \chi_{45,2}$	1	.	1	.	.	.	.	.	1	.	.
$513_{58} = \chi_{46,0}$	1	1	.	.	.	.	1	.	.	.	.
$513_{59} = \chi_{46,1}$	1	.	1	.	1	.	.	.	.	.	.
$513_{60} = \chi_{46,2}$	.	.	.	1	.	1	.	.	.	.	.
$513_{64} = \chi_{47,0}$	1	.	.	.	1	.	.	.	.	.	.
$513_{65} = \chi_{47,1}$	.	.	.	.	.	1	.	.	.	.	.
$513_{66} = \chi_{47,2}$	1	.	.	.	.	.	1	.	.	.	.
$513_{70} = \chi_{48,0}$	.	.	.	.	.	.	.	1	.	.	.
$513_{71} = \chi_{48,1}$	1	.	.	.	.	.	.	.	1	.	.
$513_{72} = \chi_{48,2}$	1	.	.	.	.	.	.	.	.	1	.
$513_{76} = \chi_{49,0}$	1	.	1	.	.	.	.	.	.	.	.
$513_{77} = \chi_{49,1}$	.	.	.	1	.	.	.	.	.	.	.
$513_{78} = \chi_{49,2}$	1	1	.	.	.	.	.	.	.	.	.
$567_{21} = \chi_{50,0}$	.	.	.	1	.	.	.	.	.	.	.
$567_{22} = \chi_{50,1}$	1	1	.	.	.	.	.	.	.	.	.
$567_{23} = \chi_{50,2}$	.	.	1	.	.	.	.	.	.	.	.
$567_{27} = \chi_{51,0}$	1	.	.	.	1	.	.	.	.	1	.
$567_{28} = \chi_{51,1}$	.	.	.	.	.	1	.	1	.	.	.
$567_{29} = \chi_{51,2}$	1	.	.	.	.	.	1	.	1	.	.
$567_{33} = \chi_{52,0}$	1	.	.	.	.	.	1	.	.	.	.
$567_{34} = \chi_{52,1}$	.	.	.	.	1	.	.	.	.	.	.
$567_{35} = \chi_{52,2}$	.	.	.	.	.	1	.	.	.	.	.
$567_{39} = \chi_{53,0}$	.	1	.	.	.	.	.	1	.	.	.
$567_{40} = \chi_{53,1}$	1	.	1	.	.	.	.	.	1	.	.
$567_{41} = \chi_{53,2}$	.	.	.	1	.	.	.	.	.	1	.
$567_{45} = \chi_{54,0}$	.	.	.	.	.	.	.	.	1	.	.
$567_{46} = \chi_{54,1}$	1	.	.	.	.	.	.	.	.	1	1
$567_{47} = \chi_{54,2}$	.	.	.	.	.	.	.	1	.	.	.
$567_{51} = \chi_{55,0}$	1	1	.	.	.	.	1	.	.	.	.
$567_{52} = \chi_{55,1}$	1	.	1	.	1	.	.	.	.	.	.
$567_{53} = \chi_{55,2}$	.	.	.	1	.	1	.	.	.	.	.



$\varphi_{23,0}$	=	$3_1$	
$\varphi_{23,1}$	=	$3_2$	
$\varphi_{23,2}$	=	$3_3$	
$\varphi_{25,0}$	=	$3_7$	
$\varphi_{25,1}$	=	$3_8$	
$\varphi_{25,2}$	=	$3_9$	
$\varphi_{27,0}$	=	$3_{13}$	
$\varphi_{27,1}$	=	$3_{14}$	
$\varphi_{27,2}$	=	$3_{15}$	
$\varphi_{28,0}$	=	$9_{19}$	$\varphi_{45,1}$ = $27_{14}$
$\varphi_{28,1}$	=	$9_{20}$	$\varphi_{45,2}$ = $27_{15}$
$\varphi_{28,2}$	=	$9_{21}$	$\varphi_{47,0}$ = $27_{19}$
$\varphi_{30,0}$	=	$9_{25}$	$\varphi_{47,1}$ = $27_{20}$
$\varphi_{30,1}$	=	$9_{26}$	$\varphi_{47,2}$ = $27_{21}$
$\varphi_{30,2}$	=	$9_{27}$	$\varphi_{48,0}$ = $72_{19}$
$\varphi_{32,0}$	=	$9_{31}$	$\varphi_{48,1}$ = $72_{20}$
$\varphi_{32,1}$	=	$9_{32}$	$\varphi_{48,2}$ = $72_{21}$
$\varphi_{32,2}$	=	$9_{33}$	$\varphi_{50,0}$ = $72_{25}$
$\varphi_{33,0}$	=	$24_1$	$\varphi_{50,1}$ = $72_{26}$
$\varphi_{33,1}$	=	$24_2$	$\varphi_{50,2}$ = $72_{27}$
$\varphi_{33,2}$	=	$24_3$	$\varphi_{52,0}$ = $72_{31}$
$\varphi_{35,0}$	=	$24_7$	$\varphi_{52,1}$ = $72_{32}$
$\varphi_{35,1}$	=	$24_8$	$\varphi_{52,2}$ = $72_{33}$
$\varphi_{35,2}$	=	$24_9$	$\varphi_{53,0}$ = $192_1$
$\varphi_{37,0}$	=	$24_{13}$	$\varphi_{53,1}$ = $192_2$
$\varphi_{37,1}$	=	$24_{14}$	$\varphi_{53,2}$ = $192_3$
$\varphi_{37,2}$	=	$24_{15}$	$\varphi_{55,0}$ = $192_7$
$\varphi_{38,0}$	=	$24_{19}$	$\varphi_{55,1}$ = $192_8$
$\varphi_{38,1}$	=	$24_{20}$	$\varphi_{55,2}$ = $192_9$
$\varphi_{38,2}$	=	$24_{21}$	$\varphi_{57,0}$ = $192_{13}$
$\varphi_{40,0}$	=	$24_{25}$	$\varphi_{57,1}$ = $192_{14}$
$\varphi_{40,1}$	=	$24_{26}$	$\varphi_{57,2}$ = $192_{15}$
$\varphi_{40,2}$	=	$24_{27}$	
$\varphi_{42,0}$	=	$24_{31}$	
$\varphi_{42,1}$	=	$24_{32}$	
$\varphi_{42,2}$	=	$24_{33}$	
$\varphi_{43,0}$	=	$27_7$	
$\varphi_{43,1}$	=	$27_8$	
$\varphi_{43,2}$	=	$27_9$	
$\varphi_{45,0}$	=	$27_{13}$	