

$$L_3(9).2_1 \pmod{3}$$

	blocks	defect	matrix
$G:$	1	6	61×52
	2	0	$729_1 = \chi_{76,0}, \varphi_{81,0}$
	3	0	$729_2 = \chi_{76,1}, \varphi_{81,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	φ_{2+}	φ_{4+}	φ_{6+}	φ_{8+}	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	φ_{12+}	φ_{14+}
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.
$90_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.	.	1
$90_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.	.	1
$91_1 = \chi_{3,0}$	.	.	.	.	1	1	.	.	.	.	1	.
$91_2 = \chi_{3,1}$	.	.	.	.	1	1	.	.	.	.	1	.
$182_1 = \chi_{4+}$	1	1	.	.	1	1	.	.	.	.	.	.
$182_2 = \chi_{6+}$	.	.	1	1	.	.	1	1	.	.	.	.
$182_3 = \chi_{8+}$	.	.	1	1	.	.	.	.	1	1	.	.
$1280_1 = \chi_{10+}$	1	1	2	2	1	1	1	1	1	1	.	1
$1280_2 = \chi_{12+}$	2	2	1	1	1	1	2	2	2	2	1	2
$1280_3 = \chi_{14+}$	1	1	.	.	1	1	.	.	.	.	2	.
$1280_4 = \chi_{16+}$	1	1	.	.	1	.	.	.	.	.	1	.
$1280_5 = \chi_{18+}$	1	1	.	.	.	1	.	.	.	.	1	.
$1280_6 = \chi_{20+}$	.	.	1	.	.	.	1	1	.	.	.	3
$1280_7 = \chi_{22+}$	.	.	.	1	.	.	.	.	1	1	.	3
$1280_8 = \chi_{24+}$	1	1	.	2	2	1	1	1	1	1	1	1
$1280_9 = \chi_{26+}$	1	1	2	.	1	2	1	1	1	1	1	1
$1280_{10} = \chi_{28+}$	.	.	3	1	.	.	.	.	1	1	.	.
$1280_{11} = \chi_{30+}$	.	.	1	3	.	.	1	1	.	.	.	.
$1280_{12} = \chi_{32+}$	2	2	3	2	1	.	1	1	1	1	.	.
$1280_{13} = \chi_{34+}$	2	2	2	3	.	1	1	1	1	1	.	.
$1280_{14} = \chi_{36+}$	3	3	4	.	2	1	2	2	1	1	1	.
$1280_{15} = \chi_{38+}$	3	3	.	4	1	2	1	1	2	2	1	.
$728_1 = \chi_{40,0}$	1	.	.	.	.	.	.	1	.	.	.	2
$728_2 = \chi_{40,1}$	.	1	.	.	.	.	1	.	.	.	.	2
$728_3 = \chi_{41,0}$	1	.	.	.	.	.	.	.	.	1	.	2
$728_4 = \chi_{41,1}$	.	1	.	.	.	.	.	.	1	.	.	2
$728_5 = \chi_{42,0}$	2	.	.	1	1	1	.	1	.	1	1	.
$728_6 = \chi_{42,1}$	.	2	.	1	1	1	1	.	1	.	1	.
$728_7 = \chi_{43,0}$	2	.	1	.	1	1	.	1	.	1	1	.
$728_8 = \chi_{43,1}$	.	2	1	.	1	1	1	.	1	.	1	.
$1456_1 = \chi_{44+}$	3	3	1	4	1	1	2	2	2	2	1	1
$1456_2 = \chi_{46+}$	3	3	4	1	1	1	2	2	2	2	1	1
$1456_3 = \chi_{48+}$	2	2	2	2	2	2	1	1	1	1	1	.
$1456_4 = \chi_{50+}$	2	2	2	2	2	2	1	1	1	1	1	.
$1456_5 = \chi_{52+}$	1	1	1	1	1	2	1	1	2	2	1	2
$1456_6 = \chi_{54+}$	1	1	1	1	2	1	2	2	1	1	1	2
$1456_7 = \chi_{56+}$	1	1	2	3	.	1	1	1	.	.	.	.
$1456_8 = \chi_{58+}$	1	1	3	2	1	.	.	.	1	1	.	.

(Block 1:)	φ_{16+}	φ_{18+}	φ_{20+}	φ_{22+}	φ_{24+}	φ_{26+}	φ_{28+}	φ_{30+}	$\varphi_{32,0}$	$\varphi_{32,1}$	$\varphi_{33,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.
$90_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.	.
$90_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.	.
$91_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.	.
$91_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.	.
$182_1 = \chi_{4+}$	.	.	.	.	.	.	1	1	.	.	.
$182_2 = \chi_{6+}$	.	.	.	1	1	.	.	.	.	.	.
$182_3 = \chi_{8+}$	.	.	1	.	.	1	.	.	.	.	.
$1280_1 = \chi_{10+}$	1	1	1	1	.	.	1	1	.	.	.
$1280_2 = \chi_{12+}$	2	2	1	1	.	.	.	.	.	.	.
$1280_3 = \chi_{14+}$	.	.	.	.	.	.	1	1	.	.	.
$1280_4 = \chi_{16+}$	.	.	1	.	.	.	.	1	.	.	.
$1280_5 = \chi_{18+}$	.	.	.	1	.	.	1	.	.	.	.
$1280_6 = \chi_{20+}$	.	4	1	.	.	1	.	.	.	.	1
$1280_7 = \chi_{22+}$	4	.	.	1	1	.	.	.	1	1	.
$1280_8 = \chi_{24+}$	2	1	.	1	2	.	1	.	1	1	.
$1280_9 = \chi_{26+}$	1	2	1	.	.	2	.	1	.	.	1
$1280_{10} = \chi_{28+}$	.	.	1	.	.	1	.	1	.	.	.
$1280_{11} = \chi_{30+}$	.	.	.	1	1	.	1	.	.	.	.
$1280_{12} = \chi_{32+}$	.	.	.	.	.	.	2	2	.	.	.
$1280_{13} = \chi_{34+}$	.	.	.	.	.	.	2	2	.	.	.
$1280_{14} = \chi_{36+}$	.	2	.	.	.	1	.	3	.	.	.
$1280_{15} = \chi_{38+}$	2	.	.	.	1	.	3	.	.	.	.
$728_1 = \chi_{40,0}$	.	2	1	.	.	.	.	.	.	.	1
$728_2 = \chi_{40,1}$	.	2	1	.	.	.	.	.	.	.	.
$728_3 = \chi_{41,0}$	2	.	.	1	.	.	.	.	1	.	.
$728_4 = \chi_{41,1}$	2	.	.	1	.	.	.	.	.	1	.
$728_5 = \chi_{42,0}$	1	.	.	.	1	.	1	.	1	.	.
$728_6 = \chi_{42,1}$	1	.	.	.	1	.	1	.	.	1	.
$728_7 = \chi_{43,0}$	.	1	.	.	.	1	.	1	.	.	1
$728_8 = \chi_{43,1}$	.	1	.	.	.	1	.	1	.	.	.
$1456_1 = \chi_{44+}$	2	1	.	1	1	.	3	.	.	.	.
$1456_2 = \chi_{46+}$	1	2	1	.	.	1	.	3	.	.	.
$1456_3 = \chi_{48+}$	.	1	.	.	.	.	2	2	.	.	.
$1456_4 = \chi_{50+}$	1	.	.	.	.	.	2	2	.	.	.
$1456_5 = \chi_{52+}$	2	2	1	.	.	1	.	.	.	.	1
$1456_6 = \chi_{54+}$	2	2	.	1	1	.	.	.	1	1	.
$1456_7 = \chi_{56+}$	.	.	.	1	1	.	2	1	.	.	.
$1456_8 = \chi_{58+}$	.	.	1	.	.	1	1	2	.	.	.

(Block 1:)	$\varphi_{33,1}$	φ_{34+}	φ_{36+}	φ_{38+}	φ_{40+}	φ_{42+}	φ_{44+}	φ_{46+}	φ_{48+}	$\varphi_{50,0}$	$\varphi_{50,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.
$90_1 = \chi_{2,0}$	.	1	.	.	.	.	.	.	.	.	.
$90_2 = \chi_{2,1}$	.	1	.	.	.	.	.	.	.	.	.
$91_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	1	.
$91_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.	1
$182_1 = \chi_{4+}$	.	.	1	.	.	.	.	.	.	.	.
$182_2 = \chi_{6+}$	.	.	.	.	1	.	.	.	.	.	.
$182_3 = \chi_{8+}$	.	.	.	1	.	.	.	.	.	.	.
$1280_1 = \chi_{10+}$	.	.	1	1	1	.	.	1	1	1	1
$1280_2 = \chi_{12+}$	.	1	.	1	1	1	1	.	.	1	1
$1280_3 = \chi_{14+}$	.	.	.	.	.	.	.	.	.	.	.
$1280_4 = \chi_{16+}$	.	.	.	.	.	2	.	.	.	.	.
$1280_5 = \chi_{18+}$	.	.	.	.	.	.	2	.	.	.	.
$1280_6 = \chi_{20+}$	1	1	.	.	.	1	.	.	.	.	.
$1280_7 = \chi_{22+}$	.	1	.	.	.	.	1	.	.	.	.
$1280_8 = \chi_{24+}$	.	.	.	.	1	.	1	.	.	1	1
$1280_9 = \chi_{26+}$	1	.	.	1	.	1	.	.	.	1	1
$1280_{10} = \chi_{28+}$	.	.	.	1	.	.	.	2	1	.	.
$1280_{11} = \chi_{30+}$	.	.	.	.	1	.	.	1	2	.	.
$1280_{12} = \chi_{32+}$	.	.	1	1	.	.	.	.	1	.	.
$1280_{13} = \chi_{34+}$	.	.	1	.	1	.	.	1	.	.	.
$1280_{14} = \chi_{36+}$	.	.	.	.	1	1	.	1	.	1	1
$1280_{15} = \chi_{38+}$	.	.	.	1	.	.	1	.	1	1	1
$728_1 = \chi_{40,0}$	.	1	.	.	.	1	.	.	.	.	.
$728_2 = \chi_{40,1}$	1	1	.	.	.	1	.	.	.	.	.
$728_3 = \chi_{41,0}$	.	1	.	.	.	.	1	.	.	.	.
$728_4 = \chi_{41,1}$	.	1	.	.	.	.	1	.	.	.	.
$728_5 = \chi_{42,0}$	.	.	.	.	.	.	1	.	.	1	.
$728_6 = \chi_{42,1}$	.	.	.	.	.	.	1	.	.	.	1
$728_7 = \chi_{43,0}$	.	.	.	.	.	1	.	.	.	1	.
$728_8 = \chi_{43,1}$	1	.	.	.	.	1	.	.	.	.	1
$1456_1 = \chi_{44+}$	.	.	.	1	1	.	1	.	1	1	1
$1456_2 = \chi_{46+}$	.	.	.	1	1	1	.	1	.	1	1
$1456_3 = \chi_{48+}$	.	.	1	.	1	.	.	1	.	1	1
$1456_4 = \chi_{50+}$	.	.	1	1	.	.	.	.	1	1	1
$1456_5 = \chi_{52+}$	1	1	.	1	.	1	1	.	.	1	1
$1456_6 = \chi_{54+}$	.	1	.	.	1	1	1	.	.	1	1
$1456_7 = \chi_{56+}$	.	.	1	.	1	.	.	1	2	.	.
$1456_8 = \chi_{58+}$	.	.	1	1	.	.	.	2	1	.	.

[illegible]

(Block 1:)	$\varphi_{71,1}$	$\varphi_{72,0}$	$\varphi_{72,1}$	φ_{73+}	φ_{75+}	φ_{77+}	φ_{79+}
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.
$90_1 = \chi_{2,0}$	.	.	.	.	.	.	.
$90_2 = \chi_{2,1}$	.	.	.	.	.	.	.
$91_1 = \chi_{3,0}$	.	.	.	.	.	.	.
$91_2 = \chi_{3,1}$	.	.	.	.	.	.	.
$182_1 = \chi_{4+}$	.	.	.	.	.	.	.
$182_2 = \chi_{6+}$	.	.	.	.	.	.	.
$182_3 = \chi_{8+}$	.	.	.	.	.	.	.
$1280_1 = \chi_{10+}$	.	.	.	.	1	.	.
$1280_2 = \chi_{12+}$	.	.	.	.	.	.	.
$1280_3 = \chi_{14+}$	.	.	.	1	.	.	.
$1280_4 = \chi_{16+}$	.	.	.	.	.	.	1
$1280_5 = \chi_{18+}$	.	.	.	.	.	1	.
$1280_6 = \chi_{20+}$	.	1	1	.	.	.	.
$1280_7 = \chi_{22+}$	1	.	.	.	.	.	.
$1280_8 = \chi_{24+}$	.	.	.	.	.	.	.
$1280_9 = \chi_{26+}$	.	.	.	.	.	.	.
$1280_{10} = \chi_{28+}$	.	.	.	.	1	.	.
$1280_{11} = \chi_{30+}$	.	.	.	.	1	.	.
$1280_{12} = \chi_{32+}$	.	.	.	1	.	.	.
$1280_{13} = \chi_{34+}$	.	.	.	1	.	.	.
$1280_{14} = \chi_{36+}$	.	.	.	.	.	.	.
$1280_{15} = \chi_{38+}$	.	.	.	.	.	.	.
$728_1 = \chi_{40,0}$	.	.	1	.	.	.	.
$728_2 = \chi_{40,1}$	.	1	.	.	.	.	.
$728_3 = \chi_{41,0}$	1	.	.	.	.	.	.
$728_4 = \chi_{41,1}$	.	.	.	.	.	.	.
$728_5 = \chi_{42,0}$	.	.	.	.	.	.	.
$728_6 = \chi_{42,1}$	.	.	.	.	.	.	.
$728_7 = \chi_{43,0}$	.	.	.	.	.	.	.
$728_8 = \chi_{43,1}$	.	.	.	.	.	.	.
$1456_1 = \chi_{44+}$	.	.	.	.	.	.	.
$1456_2 = \chi_{46+}$	.	.	.	.	.	.	.
$1456_3 = \chi_{48+}$	.	.	.	1	.	.	.
$1456_4 = \chi_{50+}$	.	.	.	1	.	.	.
$1456_5 = \chi_{52+}$	.	.	.	.	.	.	.
$1456_6 = \chi_{54+}$	.	.	.	.	.	.	.
$1456_7 = \chi_{56+}$	.	.	.	.	1	.	.
$1456_8 = \chi_{58+}$	.	.	.	.	1	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	φ_{2+}	φ_{4+}	φ_{6+}	φ_{8+}	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	φ_{12+}	φ_{14+}
$1456_9 = \chi_{60+}$	1	1	1	.	1	.	.	.	1	1	1	.
$1456_{10} = \chi_{62+}$	1	1	.	1	.	1	1	1	.	.	1	.
$1456_{11} = \chi_{64+}$	1	1	.	2	.	.	.	.	1	1	.	2
$1456_{12} = \chi_{66+}$	1	1	2	.	.	.	1	1	.	.	.	2
$1456_{13} = \chi_{68+}$	1	1	1	3	1	1	1	1	2	2	.	1
$1456_{14} = \chi_{70+}$	1	1	3	1	1	1	2	2	1	1	.	1
$1456_{15} = \chi_{72+}$	1	1	2	1	.	1	1	1	.	.	1	.
$1456_{16} = \chi_{74+}$	1	1	1	2	1	.	.	.	1	1	1	.
$819_1 = \chi_{77,0}$	4	.	2	2	1	1	.	2	.	2	.	.
$819_2 = \chi_{77,1}$	.	4	2	2	1	1	2	.	2	.	.	.
$1638_1 = \chi_{78+}$	.	.	2	2	.	.	.	.	.	.	.	.
$1638_2 = \chi_{80+}$	2	2	.	1	.	2	1	1	.	.	2	.
$1638_3 = \chi_{82+}$	2	2	1	.	2	.	.	.	1	1	2	.
$910_1 = \chi_{84,0}$	1	.	.	.	1	1	.	1	.	1	1	1
$910_2 = \chi_{84,1}$	.	1	.	.	1	1	1	.	1	.	1	1
$910_3 = \chi_{85,0}$	2	.	.	1	.	.	.	1	.	1	.	1
$910_4 = \chi_{85,1}$	.	2	.	1	.	.	1	.	1	.	.	1
$910_5 = \chi_{86,0}$	2	.	1	.	.	.	.	1	.	1	.	1
$910_6 = \chi_{86,1}$	.	2	1	.	.	.	1	.	1	.	.	1
$1820_1 = \chi_{87+}$	2	2	3	3	1	1	2	2	2	2	.	2
$1820_2 = \chi_{89+}$	1	1	2	2	1	1	1	1	1	1	1	.

(Block 1:)	φ_{16+}	φ_{18+}	φ_{20+}	φ_{22+}	φ_{24+}	φ_{26+}	φ_{28+}	φ_{30+}	$\varphi_{32,0}$	$\varphi_{32,1}$	$\varphi_{33,0}$
$1456_9 = \chi_{60+}$	.	.	2	.	.	1	.	1	.	.	.
$1456_{10} = \chi_{62+}$	.	.	.	2	1	.	1	.	.	.	.
$1456_{11} = \chi_{64+}$	4	.	.	1	2	.	1	.	1	1	.
$1456_{12} = \chi_{66+}$	.	4	1	.	.	2	.	1	.	.	1
$1456_{13} = \chi_{68+}$	2	1	1	1	1	.	1	.	.	.	.
$1456_{14} = \chi_{70+}$	1	2	1	1	.	1	.	1	.	.	.
$1456_{15} = \chi_{72+}$	.	.	.	.	.	.	1	1	.	.	.
$1456_{16} = \chi_{74+}$	.	.	.	.	.	.	1	1	.	.	.
$819_1 = \chi_{77,0}$	.	.	.	.	.	.	2	2	.	.	.
$819_2 = \chi_{77,1}$	.	.	.	.	.	.	2	2	.	.	.
$1638_1 = \chi_{78+}$	.	.	.	.	.	.	1	1	.	.	.
$1638_2 = \chi_{80+}$	.	.	.	1	.	.	2	.	.	.	.
$1638_3 = \chi_{82+}$	.	.	1	.	.	.	.	2	.	.	.
$910_1 = \chi_{84,0}$	1	1	.	.	.	.	.	.	1	.	1
$910_2 = \chi_{84,1}$	1	1	.	.	.	.	.	.	.	1	.
$910_3 = \chi_{85,0}$	2	.	.	1	1	.	1	.	1	.	.
$910_4 = \chi_{85,1}$	2	.	.	1	1	.	1	.	.	1	.
$910_5 = \chi_{86,0}$	.	2	1	.	.	1	.	1	.	.	1
$910_6 = \chi_{86,1}$	.	2	1	.	.	1	.	1	.	.	.
$1820_1 = \chi_{87+}$	2	2	1	1	1	1	1	1	.	.	.
$1820_2 = \chi_{89+}$	1	1	.	.	.	.	1	1	.	.	.

(Block 1:)	$\varphi_{33,1}$	φ_{34+}	φ_{36+}	φ_{38+}	φ_{40+}	φ_{42+}	φ_{44+}	φ_{46+}	φ_{48+}	$\varphi_{50,0}$	$\varphi_{50,1}$
$1456_9 = \chi_{60+}$	.	.	.	1	.	2	.	.	.	.	.
$1456_{10} = \chi_{62+}$	.	.	.	.	1	.	2	.	.	.	.
$1456_{11} = \chi_{64+}$	.	.	.	.	.	.	1	.	.	.	.
$1456_{12} = \chi_{66+}$	1	.	.	.	.	1	.	.	.	.	.
$1456_{13} = \chi_{68+}$	.	.	.	1	1	.	.	1	1	1	1
$1456_{14} = \chi_{70+}$	.	.	.	1	1	.	.	1	1	1	1
$1456_{15} = \chi_{72+}$	.	.	.	.	1	.	.	1	.	.	.
$1456_{16} = \chi_{74+}$	.	.	.	1	.	.	.	.	1	.	.
$819_1 = \chi_{77,0}$	.	.	1	.	.	.	.	.	.	1	.
$819_2 = \chi_{77,1}$	.	.	1	.	.	.	.	.	.	.	1
$1638_1 = \chi_{78+}$	.	.	1	.	.	.	.	2	2	.	.
$1638_2 = \chi_{80+}$	.	.	.	.	1	.	2	.	.	.	.
$1638_3 = \chi_{82+}$	.	.	.	1	.	2	.	.	.	.	.
$910_1 = \chi_{84,0}$	.	1	.	.	.	1	1	.	.	1	.
$910_2 = \chi_{84,1}$	1	1	.	.	.	1	1	.	.	.	1
$910_3 = \chi_{85,0}$	.	.	.	.	.	.	1	.	.	.	.
$910_4 = \chi_{85,1}$	.	.	.	.	.	.	1	.	.	.	.
$910_5 = \chi_{86,0}$	.	.	.	.	.	1	.	.	.	.	.
$910_6 = \chi_{86,1}$	1	.	.	.	.	1	.	.	.	.	.
$1820_1 = \chi_{87+}$	.	.	.	1	1	.	.	1	1	1	1
$1820_2 = \chi_{89+}$	.	.	.	1	1	.	.	1	1	1	1

(Block 1:)	φ_{51+}	φ_{53+}	φ_{55+}	φ_{57+}	φ_{59+}	φ_{61+}	φ_{63+}	φ_{65+}	φ_{67+}	φ_{69+}	$\varphi_{71,0}$
$1456_9 = \chi_{60+}$	.	.	.	.	.	1	.	.	.	.	.
$1456_{10} = \chi_{62+}$	.	.	.	.	1	.	.	.	.	.	.
$1456_{11} = \chi_{64+}$	.	.	.	.	1	.	2	.	.	.	1
$1456_{12} = \chi_{66+}$	.	.	.	.	.	1	.	2	.	.	.
$1456_{13} = \chi_{68+}$	.	.	.	.	.	.	1	.	.	.	.
$1456_{14} = \chi_{70+}$	.	.	.	.	.	.	.	1	.	.	.
$1456_{15} = \chi_{72+}$	1	1	1	1	.	.	.	.	.	.	.
$1456_{16} = \chi_{74+}$	1	1	1	1	.	.	.	.	.	.	.
$819_1 = \chi_{77,0}$	.	.	.	.	.	.	.	.	.	.	.
$819_2 = \chi_{77,1}$	.	.	.	.	.	.	.	.	.	.	.
$1638_1 = \chi_{78+}$	.	.	.	.	.	.	.	.	1	1	.
$1638_2 = \chi_{80+}$	.	.	1	.	1	.	.	.	.	.	.
$1638_3 = \chi_{82+}$	.	.	.	1	.	1	.	.	.	.	.
$910_1 = \chi_{84,0}$	.	.	.	.	.	.	1	1	.	.	.
$910_2 = \chi_{84,1}$	.	.	.	.	.	.	1	1	.	.	.
$910_3 = \chi_{85,0}$	.	.	.	.	1	.	1	.	.	.	.
$910_4 = \chi_{85,1}$	.	.	.	.	1	.	1	.	.	.	1
$910_5 = \chi_{86,0}$	.	.	.	.	.	1	.	1	.	.	.
$910_6 = \chi_{86,1}$	.	.	.	.	.	1	.	1	.	.	.
$1820_1 = \chi_{87+}$	.	.	.	.	.	.	1	1	.	.	.
$1820_2 = \chi_{89+}$	1	1	1	1	.	.	.	.	.	.	.

(Block 1:)	$\varphi_{71,1}$	$\varphi_{72,0}$	$\varphi_{72,1}$	φ_{73+}	φ_{75+}	φ_{77+}	φ_{79+}
$1456_9 = \chi_{60+}$	.	.	.	.	.	.	1
$1456_{10} = \chi_{62+}$	.	.	.	.	.	1	.
$1456_{11} = \chi_{64+}$	1	.	.	.	.	.	.
$1456_{12} = \chi_{66+}$	.	1	1	.	.	.	.
$1456_{13} = \chi_{68+}$	.	.	.	.	1	.	.
$1456_{14} = \chi_{70+}$	.	.	.	.	1	.	.
$1456_{15} = \chi_{72+}$	.	.	.	1	.	.	.
$1456_{16} = \chi_{74+}$	.	.	.	1	.	.	.
$819_1 = \chi_{77,0}$	.	.	.	1	.	.	.
$819_2 = \chi_{77,1}$	.	.	.	1	.	.	.
$1638_1 = \chi_{78+}$	.	.	.	.	1	.	.
$1638_2 = \chi_{80+}$	.	.	.	.	.	1	.
$1638_3 = \chi_{82+}$	.	.	.	.	.	.	1
$910_1 = \chi_{84,0}$	.	.	.	.	.	.	.
$910_2 = \chi_{84,1}$	.	.	.	.	.	.	.
$910_3 = \chi_{85,0}$	1	.	.	.	.	.	.
$910_4 = \chi_{85,1}$	.	.	.	.	.	.	.
$910_5 = \chi_{86,0}$	.	.	1	.	.	.	.
$910_6 = \chi_{86,1}$	.	1	.	.	.	.	.
$1820_1 = \chi_{87+}$	.	.	.	.	1	.	.
$1820_2 = \chi_{89+}$	.	.	.	1	.	.	.

$\varphi_{1,0}$	=	1_1
$\varphi_{1,1}$	=	1_2
φ_{2+}	=	6_1
φ_{4+}	=	6_2
φ_{6+}	=	12_1
φ_{8+}	=	12_2
$\varphi_{10,0}$	=	7_1
$\varphi_{10,1}$	=	7_2
$\varphi_{11,0}$	=	7_3
$\varphi_{11,1}$	=	7_4
φ_{12+}	=	18_1
φ_{14+}	=	18_2
φ_{16+}	=	30_1
φ_{18+}	=	30_2
φ_{20+}	=	36_1
φ_{22+}	=	36_2
φ_{24+}	=	36_3
φ_{26+}	=	36_4
φ_{28+}	=	42_1
φ_{30+}	=	42_2
$\varphi_{32,0}$	=	27_1
$\varphi_{32,1}$	=	27_2
$\varphi_{33,0}$	=	27_3
$\varphi_{33,1}$	=	27_4
φ_{34+}	=	72_1
φ_{36+}	=	72_2
φ_{38+}	=	84_1
φ_{40+}	=	84_2
φ_{42+}	=	90_1
φ_{44+}	=	90_2
φ_{46+}	=	90_3
φ_{48+}	=	90_4
$\varphi_{50,0}$	=	49_1
$\varphi_{50,1}$	=	49_2
φ_{51+}	=	162_1
φ_{53+}	=	162_2
φ_{55+}	=	180_1
φ_{57+}	=	180_2
φ_{59+}	=	180_3
φ_{61+}	=	180_4

φ_{63+}	$=$	210_1	$\varphi_{72,0}$	$=$	189_3
φ_{65+}	$=$	210_2	$\varphi_{72,1}$	$=$	189_4
φ_{67+}	$=$	324_1	φ_{73+}	$=$	450_1
φ_{69+}	$=$	324_2	φ_{75+}	$=$	450_2
$\varphi_{71,0}$	$=$	189_1	φ_{77+}	$=$	810_1
$\varphi_{71,1}$	$=$	189_2	φ_{79+}	$=$	810_2