

$L_3(9).2_2 \pmod{3}$

	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_{3+}	φ_{6+}	φ_{7+}	φ_{10+}	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$	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	.	1	.	.
$91_2 = \chi_{3,1}$	.	.	.	.	1	1	.	.	1	.	1	.
$182_1 = \chi_{4+}$	1	1	.	.	1	1	.	.	.	.	.	.
$182_2 = \chi_{6+}$	.	.	2	.	.	.	1	.	.	.	.	.
$182_3 = \chi_{7+}$	.	.	.	2	.	.	1	.	.	.	.	.
$1280_1 = \chi_{10+}$	1	1	2	2	1	1	2	.	.	.	.	1
$640_1 = \chi_{12,0}$	1	1	.	1	1	.	2	1	.	.	.	1
$640_2 = \chi_{12,1}$	1	1	.	1	1	.	2	.	1	.	.	1
$640_3 = \chi_{13,0}$	1	1	1	.	.	1	2	.	.	1	.	1
$640_4 = \chi_{13,1}$	1	1	1	.	.	1	2	.	.	.	1	1
$640_5 = \chi_{14,0}$	1	.	.	.	1	.	.	1	1	.	.	.
$640_6 = \chi_{14,1}$	.	1	.	.	1	.	.	1	1	.	.	.
$640_7 = \chi_{15,0}$	1	.	.	.	.	1	.	.	.	1	1	.
$640_8 = \chi_{15,1}$	.	1	.	.	.	1	.	.	.	1	1	.
$1280_2 = \chi_{16+}$	1	1	.	.	1	.	.	1	1	.	.	.
$1280_3 = \chi_{17+}$	1	1	.	.	.	1	.	.	.	1	1	.
$1280_4 = \chi_{20+}$	.	.	.	1	.	.	1	.	.	.	.	3
$1280_5 = \chi_{21+}$	.	.	1	.	.	.	1	.	.	.	.	3
$1280_6 = \chi_{24+}$	1	1	1	1	1	2	2	.	.	1	1	1
$1280_7 = \chi_{25+}$	1	1	1	1	2	1	2	1	1	.	.	1
$1280_8 = \chi_{28+}$	.	.	3	1	.	.	1	.	.	.	.	.
$1280_9 = \chi_{29+}$	.	.	1	3	.	.	1	.	.	.	.	.
$1280_{10} = \chi_{32+}$	2	2	3	2	.	1	2	.	.	.	.	.
$1280_{11} = \chi_{33+}$	2	2	2	3	1	.	2	.	.	.	.	.
$1280_{12} = \chi_{36+}$	3	3	2	2	1	2	3	.	.	1	1	.
$1280_{13} = \chi_{37+}$	3	3	2	2	2	1	3	1	1	.	.	.
$1456_1 = \chi_{40+}$	1	1	.	.	.	.	1	.	.	.	.	4
$1456_2 = \chi_{42+}$	2	2	1	1	2	2	2	1	1	1	1	.
$1456_3 = \chi_{44+}$	3	3	3	2	.	2	4	.	.	1	1	1
$1456_4 = \chi_{45+}$	3	3	2	3	2	.	4	1	1	.	.	1
$1456_5 = \chi_{48+}$	2	2	2	2	1	3	2	.	.	1	1	.
$1456_6 = \chi_{49+}$	2	2	2	2	3	1	2	1	1	.	.	.
$1456_7 = \chi_{52+}$	1	1	2	.	1	2	3	.	.	1	1	2
$1456_8 = \chi_{53+}$	1	1	.	2	2	1	3	1	1	.	.	2
$1456_9 = \chi_{56+}$	1	1	1	4	1	.	1	.	.	.	.	.
$1456_{10} = \chi_{57+}$	1	1	4	1	.	1	1	.	.	.	.	.

(Block 1:)	φ_{16+}	φ_{17+}	φ_{20+}	φ_{21+}	φ_{24+}	φ_{25+}	φ_{28+}	φ_{29+}	φ_{32+}	$\varphi_{34,0}$	$\varphi_{34,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.
$90_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	1	.
$90_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.	1
$91_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.	.
$91_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.	.
$182_1 = \chi_{4+}$	.	.	.	.	.	.	1	1	.	.	.
$182_2 = \chi_{6+}$	.	.	.	1	.	1	.	.	.	.	.
$182_3 = \chi_{7+}$	.	.	1	.	1	.	.	.	.	.	.
$1280_1 = \chi_{10+}$	1	1	1	1	.	.	1	1	.	.	.
$640_1 = \chi_{12,0}$	1	1	1	.	.	.	.	.	.	.	.
$640_2 = \chi_{12,1}$	1	1	1	.	.	.	.	.	.	.	.
$640_3 = \chi_{13,0}$	1	1	.	1	.	.	.	.	.	1	.
$640_4 = \chi_{13,1}$	1	1	.	1	.	.	.	.	.	.	1
$640_5 = \chi_{14,0}$	.	.	.	.	.	.	1	.	.	.	.
$640_6 = \chi_{14,1}$	.	.	.	.	.	.	1	.	.	.	.
$640_7 = \chi_{15,0}$	.	.	.	.	.	.	.	1	.	.	.
$640_8 = \chi_{15,1}$	.	.	.	.	.	.	.	1	.	.	.
$1280_2 = \chi_{16+}$	.	.	1	.	.	.	1	.	.	.	.
$1280_3 = \chi_{17+}$	.	.	.	1	.	.	.	1	.	.	.
$1280_4 = \chi_{20+}$	2	2	1	.	1	.	.	.	1	.	.
$1280_5 = \chi_{21+}$	2	2	.	1	.	1	.	.	1	1	1
$1280_6 = \chi_{24+}$	1	2	.	1	1	1	.	1	1	.	.
$1280_7 = \chi_{25+}$	2	1	1	.	1	1	1	.	1	.	.
$1280_8 = \chi_{28+}$	.	.	.	1	.	1	.	1	.	.	.
$1280_9 = \chi_{29+}$	.	.	1	.	1	.	1	.	.	.	.
$1280_{10} = \chi_{32+}$	.	.	.	.	.	.	1	3	.	.	.
$1280_{11} = \chi_{33+}$	.	.	.	.	.	.	3	1	.	.	.
$1280_{12} = \chi_{36+}$	1	1	.	.	1	.	1	2	.	.	.
$1280_{13} = \chi_{37+}$	1	1	.	.	.	1	2	1	.	.	.
$1456_1 = \chi_{40+}$	2	2	1	1	.	.	.	.	1	1	1
$1456_2 = \chi_{42+}$	1	1	.	.	1	1	1	1	1	.	.
$1456_3 = \chi_{44+}$	1	2	.	1	1	.	1	2	.	.	.
$1456_4 = \chi_{45+}$	2	1	1	.	.	1	2	1	.	.	.
$1456_5 = \chi_{48+}$	.	1	.	.	.	.	1	3	.	.	.
$1456_6 = \chi_{49+}$	1	.	.	.	.	.	3	1	.	.	.
$1456_7 = \chi_{52+}$	2	2	.	1	.	1	.	.	1	1	1
$1456_8 = \chi_{53+}$	2	2	1	.	1	.	.	.	1	.	.
$1456_9 = \chi_{56+}$	.	.	1	.	1	.	2	1	.	.	.
$1456_{10} = \chi_{57+}$	.	.	.	1	.	1	1	2	.	.	.

(Block 1:)	$\varphi_{35,0}$	$\varphi_{35,1}$	φ_{36+}	φ_{38+}	φ_{39+}	φ_{42+}	φ_{43+}	φ_{46+}	φ_{47+}	$\varphi_{50,0}$	$\varphi_{50,1}$
$1_1 = \chi_{1,0}$
$1_2 = \chi_{1,1}$
$90_1 = \chi_{2,0}$	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	.	.	.	.	.	.
$182_3 = \chi_{7+}$.	.	.	1	.	.	.	.	.	.	.
$1280_1 = \chi_{10+}$.	.	1	1	1	.	.	1	1	1	1
$640_1 = \chi_{12,0}$	1	.	.	1	.	1	.	.	.	.	1
$640_2 = \chi_{12,1}$.	1	.	1	.	1	.	.	.	1	.
$640_3 = \chi_{13,0}$	1	.	1	.	.	.	1
$640_4 = \chi_{13,1}$	1	.	1	.	.	1	.
$640_5 = \chi_{14,0}$
$640_6 = \chi_{14,1}$
$640_7 = \chi_{15,0}$
$640_8 = \chi_{15,1}$
$1280_2 = \chi_{16+}$	2	.	.	.	.	.
$1280_3 = \chi_{17+}$	2	.	.	.	.
$1280_4 = \chi_{20+}$	1	1	.	.	.	1	.	.	.	.	.
$1280_5 = \chi_{21+}$	1	.	.	.	.
$1280_6 = \chi_{24+}$	1	.	1	.	.	1	1
$1280_7 = \chi_{25+}$.	.	.	1	.	1	.	.	.	1	1
$1280_8 = \chi_{28+}$	1	.	.	1	2	.	.
$1280_9 = \chi_{29+}$.	.	.	1	.	.	.	2	1	.	.
$1280_{10} = \chi_{32+}$.	.	1	.	1	.	.	1	.	.	.
$1280_{11} = \chi_{33+}$.	.	1	1	.	.	.	.	1	.	.
$1280_{12} = \chi_{36+}$	1	.	1	1	.	1	1
$1280_{13} = \chi_{37+}$.	.	.	1	.	1	.	.	1	1	1
$1456_1 = \chi_{40+}$	1	1	.	.	.	1	1	.	.	.	.
$1456_2 = \chi_{42+}$	1	1	.	.	1	1
$1456_3 = \chi_{44+}$	2	.	1	1	.	1	1
$1456_4 = \chi_{45+}$.	.	.	2	.	1	.	.	1	1	1
$1456_5 = \chi_{48+}$.	.	1	.	1	.	.	1	.	1	1
$1456_6 = \chi_{49+}$.	.	1	1	.	.	.	.	1	1	1
$1456_7 = \chi_{52+}$	1	.	2	.	.	1	1
$1456_8 = \chi_{53+}$	1	1	.	1	.	2	.	.	.	1	1
$1456_9 = \chi_{56+}$.	.	1	1	.	.	.	2	1	.	.
$1456_{10} = \chi_{57+}$.	.	1	.	1	.	.	1	2	.	.

(Block 1:)	φ_{51+}	φ_{52+}	φ_{55+}	φ_{56+}	φ_{59+}	φ_{60+}	φ_{63+}	φ_{64+}	φ_{67+}	φ_{68+}	φ_{71+}
$1_1 = \chi_{1,0}$
$1_2 = \chi_{1,1}$
$90_1 = \chi_{2,0}$
$90_2 = \chi_{2,1}$
$91_1 = \chi_{3,0}$
$91_2 = \chi_{3,1}$
$182_1 = \chi_{4+}$
$182_2 = \chi_{6+}$
$182_3 = \chi_{7+}$
$1280_1 = \chi_{10+}$
$640_1 = \chi_{12,0}$	1	.	.	.	.
$640_2 = \chi_{12,1}$	1	.	.	.	.
$640_3 = \chi_{13,0}$	1	.	.	.
$640_4 = \chi_{13,1}$	1	.	.	.
$640_5 = \chi_{14,0}$	1	.	.	1	.	.	.	.	.	.	.
$640_6 = \chi_{14,1}$	1	.	.	1	.	.	.	.	.	.	.
$640_7 = \chi_{15,0}$.	1	1	.	.	.	.	.	.	.	.
$640_8 = \chi_{15,1}$.	1	1	.	.	.	.	.	.	.	.
$1280_2 = \chi_{16+}$	1	.	.	.	.	.
$1280_3 = \chi_{17+}$	1	.	.	.	.	.	.
$1280_4 = \chi_{20+}$	1	1	.	.	1
$1280_5 = \chi_{21+}$	1	1	.	.	1
$1280_6 = \chi_{24+}$	1	.	1	1	.	.	.
$1280_7 = \chi_{25+}$	1	1	1	.	.	.
$1280_8 = \chi_{28+}$	1	.	.
$1280_9 = \chi_{29+}$	1	.
$1280_{10} = \chi_{32+}$.	1	1	.	.	.	.	.	.	.	.
$1280_{11} = \chi_{33+}$	1	.	.	1	.	.	.	.	.	.	.
$1280_{12} = \chi_{36+}$.	.	1	.	1	.	.	1	.	.	.
$1280_{13} = \chi_{37+}$.	.	.	1	.	1	1	.	.	.	.
$1456_1 = \chi_{40+}$	1	1	.	.	1
$1456_2 = \chi_{42+}$	1	1	1	1	.	.	.
$1456_3 = \chi_{44+}$.	.	1	.	1	.	.	1	.	.	.
$1456_4 = \chi_{45+}$.	.	.	1	.	1	1	.	.	.	.
$1456_5 = \chi_{48+}$.	1	1	.	.	.	.	.	.	.	.
$1456_6 = \chi_{49+}$	1	.	.	1	.	.	.	.	.	.	.
$1456_7 = \chi_{52+}$	1	2	.	.	.
$1456_8 = \chi_{53+}$	2	1	.	.	.
$1456_9 = \chi_{56+}$	1	.
$1456_{10} = \chi_{57+}$	1	.	.

(Block 1:)	$\varphi_{73,0}$	$\varphi_{73,1}$	$\varphi_{74,0}$	$\varphi_{74,1}$	φ_{75+}	φ_{77+}	φ_{78+}
$1_1 = \chi_{1,0}$
$1_2 = \chi_{1,1}$
$90_1 = \chi_{2,0}$
$90_2 = \chi_{2,1}$
$91_1 = \chi_{3,0}$
$91_2 = \chi_{3,1}$
$182_1 = \chi_{4+}$
$182_2 = \chi_{6+}$
$182_3 = \chi_{7+}$
$1280_1 = \chi_{10+}$	1	.	.
$640_1 = \chi_{12,0}$
$640_2 = \chi_{12,1}$
$640_3 = \chi_{13,0}$
$640_4 = \chi_{13,1}$
$640_5 = \chi_{14,0}$	1	.	.	.	.	.	.
$640_6 = \chi_{14,1}$.	1	.	.	.	.	.
$640_7 = \chi_{15,0}$.	.	1	.	.	.	.
$640_8 = \chi_{15,1}$.	.	.	1	.	.	.
$1280_2 = \chi_{16+}$	1
$1280_3 = \chi_{17+}$	1	.
$1280_4 = \chi_{20+}$
$1280_5 = \chi_{21+}$
$1280_6 = \chi_{24+}$
$1280_7 = \chi_{25+}$
$1280_8 = \chi_{28+}$	1	.	.
$1280_9 = \chi_{29+}$	1	.	.
$1280_{10} = \chi_{32+}$.	.	1	1	.	.	.
$1280_{11} = \chi_{33+}$	1	1	.	.	.	.	.
$1280_{12} = \chi_{36+}$
$1280_{13} = \chi_{37+}$
$1456_1 = \chi_{40+}$
$1456_2 = \chi_{42+}$
$1456_3 = \chi_{44+}$
$1456_4 = \chi_{45+}$
$1456_5 = \chi_{48+}$.	.	1	1	.	.	.
$1456_6 = \chi_{49+}$	1	1	.	.	.	.	.
$1456_7 = \chi_{52+}$
$1456_8 = \chi_{53+}$
$1456_9 = \chi_{56+}$	1	.	.
$1456_{10} = \chi_{57+}$	1	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	φ_{2+}	φ_{3+}	φ_{6+}	φ_{7+}	φ_{10+}	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$	φ_{14+}
1456 ₁₁ = χ_{60+}	1	1	.	1	1	.	1	1	1	.	.	.
1456 ₁₂ = χ_{61+}	1	1	1	.	.	1	1	.	.	1	1	.
1456 ₁₃ = χ_{64+}	1	1	1	1	.	.	1	.	.	.	.	2
1456 ₁₄ = χ_{65+}	1	1	1	1	.	.	1	.	.	.	.	2
1456 ₁₅ = χ_{68+}	1	1	2	2	1	1	3	.	.	.	.	1
1456 ₁₆ = χ_{69+}	1	1	2	2	1	1	3	.	.	.	.	1
1456 ₁₇ = χ_{72+}	1	1	2	1	.	1	1	.	.	1	1	.
1456 ₁₈ = χ_{73+}	1	1	1	2	1	.	1	1	1	.	.	.
819 ₁ = $\chi_{77,0}$	3	1	2	2	1	1	2	.	.	.	.	.
819 ₂ = $\chi_{77,1}$	1	3	2	2	1	1	2	.	.	.	.	.
1638 ₁ = χ_{78+}	.	.	2	2	.	.	.	.	.	.	.	.
1638 ₂ = χ_{80+}	2	2	1	.	.	2	1	.	.	2	2	.
1638 ₃ = χ_{81+}	2	2	.	1	2	.	1	2	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
1820 ₁ = χ_{85+}	2	2	1	1	.	.	2	.	.	.	.	2
1820 ₂ = χ_{87+}	2	2	3	3	1	1	4	.	.	.	.	2
910 ₃ = $\chi_{89,0}$	1	.	1	1	.	1	1	.	.	1	.	.
910 ₄ = $\chi_{89,1}$	.	1	1	1	.	1	1	.	.	.	1	.
910 ₅ = $\chi_{90,0}$	1	.	1	1	1	.	1	1	.	.	.	.
910 ₆ = $\chi_{90,1}$	.	1	1	1	1	.	1	.	1	.	.	.

(Block 1:)	φ_{16+}	φ_{17+}	φ_{20+}	φ_{21+}	φ_{24+}	φ_{25+}	φ_{28+}	φ_{29+}	φ_{32+}	$\varphi_{34,0}$	$\varphi_{34,1}$
$1456_{11} = \chi_{60+}$	.	.	2	.	1	.	1	.	.	.	.
$1456_{12} = \chi_{61+}$	.	.	.	2	.	1	.	1	.	.	.
$1456_{13} = \chi_{64+}$	2	2	1	.	1	1	1	.	1	.	.
$1456_{14} = \chi_{65+}$	2	2	.	1	1	1	.	1	1	.	.
$1456_{15} = \chi_{68+}$	2	1	1	1	1	.	1	.	.	.	.
$1456_{16} = \chi_{69+}$	1	2	1	1	.	1	.	1	.	.	.
$1456_{17} = \chi_{72+}$	.	.	.	.	.	.	.	2	.	.	.
$1456_{18} = \chi_{73+}$	.	.	.	.	.	.	2	.	.	.	.
$819_1 = \chi_{77,0}$	.	.	.	.	.	.	2	2	.	.	.
$819_2 = \chi_{77,1}$	.	.	.	.	.	.	2	2	.	.	.
$1638_1 = \chi_{78+}$	.	.	.	.	.	.	1	1	.	.	.
$1638_2 = \chi_{80+}$	.	.	.	1	.	.	.	2	.	.	.
$1638_3 = \chi_{81+}$	.	.	1	.	.	.	2	.	.	.	.
$910_1 = \chi_{84,0}$	1	1	.	.	.	.	.	.	1	1	.
$910_2 = \chi_{84,1}$	1	1	.	.	.	.	.	.	1	.	1
$1820_1 = \chi_{85+}$	2	2	1	1	1	1	1	1	1	.	.
$1820_2 = \chi_{87+}$	2	2	1	1	1	1	1	1	.	.	.
$910_3 = \chi_{89,0}$	.	1	.	.	.	.	.	1	.	.	.
$910_4 = \chi_{89,1}$	.	1	.	.	.	.	.	1	.	.	.
$910_5 = \chi_{90,0}$	1	.	.	.	.	.	1	.	.	.	.
$910_6 = \chi_{90,1}$	1	.	.	.	.	.	1	.	.	.	.

(Block 1:)	$\varphi_{35,0}$	$\varphi_{35,1}$	φ_{36+}	φ_{38+}	φ_{39+}	φ_{42+}	φ_{43+}	φ_{46+}	φ_{47+}	$\varphi_{50,0}$	$\varphi_{50,1}$
$1456_{11} = \chi_{60+}$.	.	.	1	.	2	.	.	.	.	.
$1456_{12} = \chi_{61+}$	1	.	2	.	.	.	.
$1456_{13} = \chi_{64+}$	1	.	.	.	.	.
$1456_{14} = \chi_{65+}$	1	.	.	.	.
$1456_{15} = \chi_{68+}$.	.	.	1	1	.	.	1	1	1	1
$1456_{16} = \chi_{69+}$.	.	.	1	1	.	.	1	1	1	1
$1456_{17} = \chi_{72+}$	1	.	.	1	.	.	.
$1456_{18} = \chi_{73+}$.	.	.	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	.	.	.	.
$1638_3 = \chi_{81+}$.	.	.	1	.	2	.	.	.	.	.
$910_1 = \chi_{84,0}$	1	.	.	.	.	1	1	.	.	.	1
$910_2 = \chi_{84,1}$.	1	.	.	.	1	1	.	.	1	.
$1820_1 = \chi_{85+}$	1	1	.	.	.	.
$1820_2 = \chi_{87+}$.	.	.	1	1	.	.	1	1	1	1
$910_3 = \chi_{89,0}$	1	.	.	1	.	.	1
$910_4 = \chi_{89,1}$	1	.	.	1	.	1	.
$910_5 = \chi_{90,0}$.	.	.	1	.	.	.	.	1	.	1
$910_6 = \chi_{90,1}$.	.	.	1	.	.	.	.	1	1	.

(Block 1:)	φ_{51+}	φ_{52+}	φ_{55+}	φ_{56+}	φ_{59+}	φ_{60+}	φ_{63+}	φ_{64+}	φ_{67+}	φ_{68+}	φ_{71+}
$1456_{11} = \chi_{60+}$	1	.	.	.	.	.
$1456_{12} = \chi_{61+}$	1	.	.	.	.	.	.
$1456_{13} = \chi_{64+}$	1	1	1	.	.	1
$1456_{14} = \chi_{65+}$	1	.	1	1	.	.	1
$1456_{15} = \chi_{68+}$	1	.	.	.
$1456_{16} = \chi_{69+}$	1	.	.	.	.
$1456_{17} = \chi_{72+}$.	2	2	.	.	.	.	.	.	.	.
$1456_{18} = \chi_{73+}$	2	.	.	2	.	.	.	.	.	.	.
$819_1 = \chi_{77,0}$
$819_2 = \chi_{77,1}$
$1638_1 = \chi_{78+}$	1	1	.
$1638_2 = \chi_{80+}$.	.	1	.	1	.	.	.	.	.	.
$1638_3 = \chi_{81+}$.	.	.	1	.	1	.	.	.	.	.
$910_1 = \chi_{84,0}$	1	1	.	.	.
$910_2 = \chi_{84,1}$	1	1	.	.	.
$1820_1 = \chi_{85+}$	1	1	1	1	.	.	1
$1820_2 = \chi_{87+}$	1	1	.	.	.
$910_3 = \chi_{89,0}$.	1	1	.	.	.	.	.	.	.	.
$910_4 = \chi_{89,1}$.	1	1	.	.	.	.	.	.	.	.
$910_5 = \chi_{90,0}$	1	.	.	1	.	.	.	.	.	.	.
$910_6 = \chi_{90,1}$	1	.	.	1	.	.	.	.	.	.	.

(Block 1:)	$\varphi_{73,0}$	$\varphi_{73,1}$	$\varphi_{74,0}$	$\varphi_{74,1}$	φ_{75+}	φ_{77+}	φ_{78+}
$1456_{11} = \chi_{60+}$	1
$1456_{12} = \chi_{61+}$	1	.
$1456_{13} = \chi_{64+}$
$1456_{14} = \chi_{65+}$
$1456_{15} = \chi_{68+}$	1	.	.
$1456_{16} = \chi_{69+}$	1	.	.
$1456_{17} = \chi_{72+}$.	.	1	1	.	.	.
$1456_{18} = \chi_{73+}$	1	1	.	.	.	.	.
$819_1 = \chi_{77,0}$	1	.	1	.	.	.	.
$819_2 = \chi_{77,1}$.	1	.	1	.	.	.
$1638_1 = \chi_{78+}$	1	.	.
$1638_2 = \chi_{80+}$	1	.
$1638_3 = \chi_{81+}$	1
$910_1 = \chi_{84,0}$
$910_2 = \chi_{84,1}$
$1820_1 = \chi_{85+}$
$1820_2 = \chi_{87+}$	1	.	.
$910_3 = \chi_{89,0}$.	.	1	.	.	.	.
$910_4 = \chi_{89,1}$.	.	.	1	.	.	.
$910_5 = \chi_{90,0}$	1	.	.	.	.	.	.
$910_6 = \chi_{90,1}$.	1	.	.	.	.	.

- $\varphi_{1,0} = 1_1$
- $\varphi_{1,1} = 1_2$
- $\varphi_{2+} = 6_1$
- $\varphi_{3+} = 6_2$
- $\varphi_{6+} = 12_1$
- $\varphi_{7+} = 12_2$
- $\varphi_{10+} = 14_1$
- $\varphi_{12,0} = 9_1$
- $\varphi_{12,1} = 9_2$
- $\varphi_{13,0} = 9_3$
- $\varphi_{13,1} = 9_4$
- $\varphi_{14+} = 18_1$
- $\varphi_{16+} = 30_1$
- $\varphi_{17+} = 30_2$
- $\varphi_{20+} = 36_1$
- $\varphi_{21+} = 36_2$
- $\varphi_{24+} = 36_3$
- $\varphi_{25+} = 36_4$
- $\varphi_{28+} = 42_1$
- $\varphi_{29+} = 42_2$
- $\varphi_{32+} = 54_1$
- $\varphi_{34,0} = 36_5$
- $\varphi_{34,1} = 36_6$
- $\varphi_{35,0} = 36_7$
- $\varphi_{35,1} = 36_8$
- $\varphi_{36+} = 72_1$
- $\varphi_{38+} = 84_1$
- $\varphi_{39+} = 84_2$
- $\varphi_{42+} = 90_1$
- $\varphi_{43+} = 90_2$
- $\varphi_{46+} = 90_3$
- $\varphi_{47+} = 90_4$
- $\varphi_{50,0} = 49_1$
- $\varphi_{50,1} = 49_2$
- $\varphi_{51+} = 162_1$
- $\varphi_{52+} = 162_2$
- $\varphi_{55+} = 180_1$
- $\varphi_{56+} = 180_2$
- $\varphi_{59+} = 180_3$
- $\varphi_{60+} = 180_4$

$$\begin{array}{ll} \varphi_{63+} = 210_1 & \varphi_{73,1} = 225_2 \\ \varphi_{64+} = 210_2 & \varphi_{74,0} = 225_3 \\ \varphi_{67+} = 324_1 & \varphi_{74,1} = 225_4 \\ \varphi_{68+} = 324_2 & \varphi_{75+} = 450_1 \\ \varphi_{71+} = 378_1 & \varphi_{77+} = 810_1 \\ \varphi_{73,0} = 225_1 & \varphi_{78+} = 810_2 \end{array}$$