

$U_3(\mathbf{9}) \pmod{3}$

	blocks	defect	matrix
$G :$	1	6	91×80
	2	0	$729_1 = \chi_{33}, \varphi_{81}$

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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$72_1 = \chi_2$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$73_1 = \chi_3$	.	.	.	.	.	1	1	1	1	.	.	.	.	.	.	.
$73_2 = \chi_4$	.	.	1	.	1	.	.	.	.	.	1	.	.	.	.	.
$73_3 = \chi_5$	.	1	.	1	.	.	.	.	.	.	1	.	.	.	.	.
$73_4 = \chi_6$	.	1	.	.	1	.	.	.	.	1	.	.	.	.	.	.
$73_5 = \chi_7$	.	.	1	1	.	.	.	.	.	1	.	.	.	.	.	.
$73_6 = \chi_8$	1	.	.	.	.	1	.	.	.	.	.	.	.	.	1	.
$73_7 = \chi_9$	1	.	.	.	.	.	1	.	.	.	.	.	.	1	.	.
$73_8 = \chi_{10}$	1	.	.	.	.	.	.	1	.	.	.	1	.	.	.	.
$73_9 = \chi_{11}$	1	.	.	.	.	.	.	.	1	.	.	.	1	.	.	.
$584_1 = \chi_{12}$	1	.	.	.	.	.	.	.	.	.	1	.	.	1	1	.
$584_2 = \chi_{13}$	1	.	.	.	.	.	.	.	.	1	.	1	1	.	.	2
$584_3 = \chi_{14}$	2	.	.	1	1	1	1	1	1	1	1	1	1	.	.	1
$584_4 = \chi_{15}$	2	1	1	.	.	1	1	1	1	1	1	.	.	1	1	.
$584_5 = \chi_{16}$	1	1	1	.	1	.	.	.	1	.	1	.	.	.	.	.
$584_6 = \chi_{17}$	1	1	1	1	.	.	.	1	.	.	1	.	.	.	.	.
$584_7 = \chi_{18}$	1	1	.	1	1	1	.	.	.	1	.	.	.	.	.	.
$584_8 = \chi_{19}$	1	.	1	1	1	.	1	.	.	1	.	.	.	.	.	.
$584_9 = \chi_{20}$	1	.	1	2	1	.	1	1	.	2	1	1	.	1	.	1
$584_{10} = \chi_{21}$	1	1	.	1	2	1	.	.	1	2	1	.	1	.	1	1
$584_{11} = \chi_{22}$	1	1	2	.	1	.	1	.	1	1	2	.	1	1	.	.
$584_{12} = \chi_{23}$	1	2	1	1	.	1	.	1	.	1	2	1	.	.	1	1
$657_1 = \chi_{24}$	4	2	2	2	2	1	1	1	1	2	2	.	.	.	.	.
$657_2 = \chi_{25}$	2	.	.	.	1	.	.	.	2	.	1	.	2	.	.	.
$657_3 = \chi_{26}$	2	.	.	1	.	.	.	2	.	.	1	2	.	.	.	.
$657_4 = \chi_{27}$	2	1	.	.	.	2	.	.	.	1	.	.	.	.	2	.
$657_5 = \chi_{28}$	2	.	1	.	.	.	2	.	.	1	.	.	.	2	.	.
$657_6 = \chi_{29}$	.	2	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$657_7 = \chi_{30}$	.	.	2	.	.	.	.	.	.	.	.	.	.	1	.	.
$657_8 = \chi_{31}$	.	.	.	2	.	.	.	.	.	.	.	1	.	.	.	.
$657_9 = \chi_{32}$	.	.	.	.	2	.	.	.	.	.	.	.	1	.	.	.
$730_1 = \chi_{34}$	1	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1
$730_2 = \chi_{35}$	2	.	.	1	1	.	.	.	.	1	1	1	1	.	.	2
$730_3 = \chi_{36}$	2	1	1	.	.	.	.	.	.	1	1	.	.	1	1	.
$730_4 = \chi_{37}$	3	2	2	.	.	1	1	.	1	1	2	.	.	1	1	.
$730_5 = \chi_{38}$	3	2	2	.	.	1	1	1	.	1	2	.	.	1	1	.
$730_6 = \chi_{39}$	3	.	.	2	2	1	.	1	1	2	1	1	1	.	.	1
$730_7 = \chi_{40}$	3	.	.	2	2	.	1	1	1	2	1	1	1	.	.	1
$730_8 = \chi_{41}$	2	1	1	1	2	.	.	.	1	1	1	.	.	.	.	.

(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}
$1_1 = \chi_1$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$72_1 = \chi_2$	.	.	.	1	1	1	1	.	.	.	.	.	.	.	.
$73_1 = \chi_3$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$73_2 = \chi_4$	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.
$73_3 = \chi_5$	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$73_4 = \chi_6$	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.
$73_5 = \chi_7$	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.
$73_6 = \chi_8$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
$73_7 = \chi_9$	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$73_8 = \chi_{10}$	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.
$73_9 = \chi_{11}$	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.
$584_1 = \chi_{12}$	.	2	2	1	1	1	1	.	.	.	.	.	.	.	.
$584_2 = \chi_{13}$	2	.	.	1	1	1	1	.	.	.	.	.	.	.	.
$584_3 = \chi_{14}$	1	.	.	.	.	.	.	.	.	.	.	1	1	.	.
$584_4 = \chi_{15}$	.	1	1	.	.	.	.	.	.	.	.	.	.	1	1
$584_5 = \chi_{16}$	.	.	.	.	.	.	.	1	.	.	1	.	1	.	1
$584_6 = \chi_{17}$	.	.	.	.	.	.	.	.	1	1	.	1	.	1	.
$584_7 = \chi_{18}$	.	.	.	.	.	.	.	1	.	1	.	1	.	.	1
$584_8 = \chi_{19}$	.	.	.	.	.	.	.	.	1	.	1	.	1	1	.
$584_9 = \chi_{20}$	1	1	.	.	.	.	1	.	1	.	.	1	.	.	.
$584_{10} = \chi_{21}$	1	.	1	.	.	1	.	1	.	.	.	.	1	.	.
$584_{11} = \chi_{22}$	1	1	1	1	.	.	.	.	.	.	1	.	.	1	.
$584_{12} = \chi_{23}$	.	1	1	.	1	.	.	.	.	1	.	.	.	.	1
$657_1 = \chi_{24}$	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2
$657_2 = \chi_{25}$	.	.	.	.	.	.	.	.	.	.	1	.	2	.	.
$657_3 = \chi_{26}$	.	.	.	.	.	.	.	.	.	1	.	2	.	.	.
$657_4 = \chi_{27}$	.	.	.	.	.	.	.	1	.	.	.	.	.	.	2
$657_5 = \chi_{28}$	.	.	.	.	.	.	.	.	1	.	.	.	.	2	.
$657_6 = \chi_{29}$	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
$657_7 = \chi_{30}$	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$657_8 = \chi_{31}$	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.
$657_9 = \chi_{32}$	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.
$730_1 = \chi_{34}$	1	1	1	1	1	1	1	.	.	.	.	.	.	.	.
$730_2 = \chi_{35}$	2	.	.	.	.	.	.	.	.	.	.	1	1	.	.
$730_3 = \chi_{36}$	.	2	2	.	.	.	.	.	.	.	.	.	.	1	1
$730_4 = \chi_{37}$	.	1	1	.	.	.	.	.	.	.	1	.	.	1	2
$730_5 = \chi_{38}$	.	1	1	.	.	.	.	.	.	1	.	.	.	2	1
$730_6 = \chi_{39}$	1	.	.	.	.	.	.	1	.	.	.	2	1	.	.
$730_7 = \chi_{40}$	1	.	.	.	.	.	.	.	1	.	.	1	2	.	.
$730_8 = \chi_{41}$	.	.	.	.	.	.	.	1	.	.	1	.	2	1	1

(Block 1:)	φ_{32}	φ_{33}	φ_{34}	φ_{35}	φ_{36}	φ_{37}	φ_{38}	φ_{39}	φ_{40}	φ_{41}	φ_{42}	φ_{43}	φ_{44}	φ_{45}	φ_{46}
$1_1 = \chi_1$
$72_1 = \chi_2$
$73_1 = \chi_3$
$73_2 = \chi_4$	1	.	.	.	.	.	.	.
$73_3 = \chi_5$	1	.	.	.	.	.	.	.	.
$73_4 = \chi_6$	1	.	.	.	.	.
$73_5 = \chi_7$	1	.	.	.	.	.	.
$73_6 = \chi_8$.	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$73_7 = \chi_9$.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$73_8 = \chi_{10}$	1	.	.	.	.	.	.	.	.	.
$73_9 = \chi_{11}$	1	.	.	.	.	.	.	.	.	.	.
$584_1 = \chi_{12}$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$584_2 = \chi_{13}$.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$584_3 = \chi_{14}$.	1	.	.	1	1	.	.	.	.	.	.	.	.	.
$584_4 = \chi_{15}$	1	.	1	1	.	.	.	.	.	.	.	.	.	.	1
$584_5 = \chi_{16}$	1	.	.	.	.	.	1	.
$584_6 = \chi_{17}$	1	.	.	.	.	.	1	.	.
$584_7 = \chi_{18}$	1	1	.	.	.	.
$584_8 = \chi_{19}$	1	.	.	1	.	.	.
$584_9 = \chi_{20}$	1	.	1	.	.	.	1	.	.
$584_{10} = \chi_{21}$	1	.	1	.	.	.	1	.
$584_{11} = \chi_{22}$	1	1	.	.	1	.	.	.
$584_{12} = \chi_{23}$	1	.	.	1	1	.	.	.	1
$657_1 = \chi_{24}$
$657_2 = \chi_{25}$	1	.	.	1	.	.	.	2	.	.	.
$657_3 = \chi_{26}$	1	1	.	.	.	2	.	.	.	.
$657_4 = \chi_{27}$.	.	.	1	.	.	.	.	.	1	.	.	.	2	.
$657_5 = \chi_{28}$.	.	1	.	.	.	.	.	1	.	.	.	2	.	.
$657_6 = \chi_{29}$.	.	.	1	.	.	.	.	.	.	.	.	.	.	2
$657_7 = \chi_{30}$.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$657_8 = \chi_{31}$	1	.	.	.	.	.	.	.	.	.
$657_9 = \chi_{32}$	1	.	.	.	.	.	.	.	.	.	.
$730_1 = \chi_{34}$	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$730_2 = \chi_{35}$.	1	.	.	1	1	.	.	.	.	.	.	.	.	.
$730_3 = \chi_{36}$	1	.	1	1	.	.	.	.	.	.	.	.	.	.	1
$730_4 = \chi_{37}$.	.	.	1	.	.	.	1	.	.	.	.	.	1	.
$730_5 = \chi_{38}$.	.	1	.	.	.	1	.	.	.	.	.	1	.	1
$730_6 = \chi_{39}$	1	.	.	.	1	1	.	.	.	.
$730_7 = \chi_{40}$	1	.	.	.	1	.	.	1	.	.	.
$730_8 = \chi_{41}$	1	.	.	.	.	.	1	.

(Block 1:)	φ_{62}	φ_{63}	φ_{64}	φ_{65}	φ_{66}	φ_{67}	φ_{68}	φ_{69}	φ_{70}	φ_{71}	φ_{72}	φ_{73}	φ_{74}	φ_{75}	φ_{76}
$1_1 = \chi_1$
$72_1 = \chi_2$
$73_1 = \chi_3$
$73_2 = \chi_4$
$73_3 = \chi_5$
$73_4 = \chi_6$
$73_5 = \chi_7$
$73_6 = \chi_8$
$73_7 = \chi_9$
$73_8 = \chi_{10}$
$73_9 = \chi_{11}$
$584_1 = \chi_{12}$.	.	.	1	1	.	.	.	.	1	.	.	.	.	.
$584_2 = \chi_{13}$.	1	1	.	.	.	.	.	.	.	1	.	.	.	.
$584_3 = \chi_{14}$.	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$584_4 = \chi_{15}$.	.	.	1	1	.	.	.	.	.	.	.	.	.	.
$584_5 = \chi_{16}$	1	.	.	.
$584_6 = \chi_{17}$	1	.	.
$584_7 = \chi_{18}$	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$584_8 = \chi_{19}$	1
$584_9 = \chi_{20}$.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$584_{10} = \chi_{21}$.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$584_{11} = \chi_{22}$	1	.	.	.	.	.	.	.	.	.	.
$584_{12} = \chi_{23}$.	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$657_1 = \chi_{24}$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$657_2 = \chi_{25}$	1	.	.	.	.	.	.	.	1
$657_3 = \chi_{26}$	1	.	.	.	.	.	.	.	1	.
$657_4 = \chi_{27}$	1	.	.	1	.	.	.
$657_5 = \chi_{28}$	1	.	.	.	.	1	.	.
$657_6 = \chi_{29}$
$657_7 = \chi_{30}$
$657_8 = \chi_{31}$
$657_9 = \chi_{32}$
$730_1 = \chi_{34}$.	1	1	1	1	.	.	.	.	.	.	.	.	.	.
$730_2 = \chi_{35}$.	1	1	.	.	.	.	.	.	.	1	.	.	.	.
$730_3 = \chi_{36}$.	.	.	1	1	.	.	.	.	1	.	.	.	.	.
$730_4 = \chi_{37}$	1	.	.	.	.	.	.	1	.	.	.
$730_5 = \chi_{38}$.	.	.	1	.	.	.	.	.	.	.	.	1	.	.
$730_6 = \chi_{39}$.	1	.	.	.	.	.	.	.	.	.	.	.	1	.
$730_7 = \chi_{40}$.	.	1	.	.	.	.	.	.	.	.	.	.	.	1
$730_8 = \chi_{41}$	1	.	.	.

(Block 1:)	φ_{77}	φ_{78}	φ_{79}	φ_{80}
$1_1 = \chi_1$
$72_1 = \chi_2$
$73_1 = \chi_3$
$73_2 = \chi_4$
$73_3 = \chi_5$
$73_4 = \chi_6$
$73_5 = \chi_7$
$73_6 = \chi_8$
$73_7 = \chi_9$
$73_8 = \chi_{10}$
$73_9 = \chi_{11}$
$584_1 = \chi_{12}$
$584_2 = \chi_{13}$
$584_3 = \chi_{14}$
$584_4 = \chi_{15}$
$584_5 = \chi_{16}$
$584_6 = \chi_{17}$
$584_7 = \chi_{18}$
$584_8 = \chi_{19}$
$584_9 = \chi_{20}$
$584_{10} = \chi_{21}$
$584_{11} = \chi_{22}$
$584_{12} = \chi_{23}$
$657_1 = \chi_{24}$
$657_2 = \chi_{25}$
$657_3 = \chi_{26}$
$657_4 = \chi_{27}$
$657_5 = \chi_{28}$
$657_6 = \chi_{29}$	1	.	.	.
$657_7 = \chi_{30}$.	1	.	.
$657_8 = \chi_{31}$.	.	1	.
$657_9 = \chi_{32}$.	.	.	1
$730_1 = \chi_{34}$
$730_2 = \chi_{35}$
$730_3 = \chi_{36}$
$730_4 = \chi_{37}$
$730_5 = \chi_{38}$
$730_6 = \chi_{39}$
$730_7 = \chi_{40}$
$730_8 = \chi_{41}$

(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}
$730_9 = \chi_{42}$	2	1	1	2	1	.	.	1	.	1	1	.	.	.	.	.
$730_{10} = \chi_{43}$	2	2	1	1	1	1	.	.	.	1	1	.	.	.	.	.
$730_{11} = \chi_{44}$	2	1	2	1	1	.	1	.	.	1	1	.	.	.	.	.
$730_{12} = \chi_{45}$	1	1	1	.	.	.	1	1	1	1	1	.	1	1	.	.
$730_{13} = \chi_{46}$	1	1	1	.	.	1	.	1	1	1	1	1	.	.	1	1
$730_{14} = \chi_{47}$	1	.	.	1	1	1	1	.	1	1	1	.	1	.	1	1
$730_{15} = \chi_{48}$	1	.	.	1	1	1	1	1	.	1	1	1	.	1	.	1
$730_{16} = \chi_{49}$	1	.	.	.	.	1	.	.	1	.	.	.	.	.	1	.
$730_{17} = \chi_{50}$	1	.	.	.	.	.	1	1	.	.	.	.	.	1	.	.
$730_{18} = \chi_{51}$	1	.	.	.	.	1	.	1	.	.	.	1	.	.	.	.
$730_{19} = \chi_{52}$	1	.	.	.	.	.	1	.	1	.	.	.	1	.	.	.
$730_{20} = \chi_{53}$	.	.	1	3	.	.	.	.	.	.	1	.	.	.	.	.
$730_{21} = \chi_{54}$	.	1	.	.	3	.	.	.	.	.	1	.	.	.	.	.
$730_{22} = \chi_{55}$	.	.	3	.	1	.	.	.	.	1	.	.	.	.	.	.
$730_{23} = \chi_{56}$	.	3	.	1	.	.	.	.	.	1	.	.	.	.	.	.
$730_{24} = \chi_{57}$	.	.	.	1	.	.	.	.	.	1	.	2	1	.	.	2
$730_{25} = \chi_{58}$	.	.	.	.	1	.	.	.	.	1	.	1	2	.	.	2
$730_{26} = \chi_{59}$	.	.	1	.	.	.	.	.	.	.	1	.	.	2	1	.
$730_{27} = \chi_{60}$	.	1	.	.	.	.	.	.	.	.	1	.	.	1	2	.
$730_{28} = \chi_{61}$	2	1	2	.	1	.	1	.	1	2	2	.	1	1	.	1
$730_{29} = \chi_{62}$	2	2	1	1	.	1	.	1	.	2	2	1	.	.	1	1
$730_{30} = \chi_{63}$	2	1	.	1	2	1	.	.	1	2	2	.	1	.	1	1
$730_{31} = \chi_{64}$	2	.	1	2	1	.	1	1	.	2	2	1	.	1	.	1
$730_{32} = \chi_{65}$	1	1	1	1	1	.	1	1	.	1	1	.	.	1	.	.
$730_{33} = \chi_{66}$	1	1	1	1	1	1	.	.	1	1	1	.	.	.	1	1
$730_{34} = \chi_{67}$	1	1	1	1	1	.	1	.	1	1	1	.	1	.	.	.
$730_{35} = \chi_{68}$	1	1	1	1	1	1	.	1	.	1	1	1	.	.	.	1
$800_1 = \chi_{69}$	1	.	.	3	.	.	.	1	.	.	1	1	.	.	.	.
$800_2 = \chi_{70}$	1	.	.	.	3	.	.	.	1	.	1	.	1	.	.	.
$800_3 = \chi_{71}$	1	.	3	.	.	.	1	.	.	1	.	.	.	1	.	.
$800_4 = \chi_{72}$	1	3	.	.	.	1	.	.	.	1	.	.	.	.	1	.
$800_5 = \chi_{73}$	2	1	1	1	1	2	.	1	1	1	1	1	.	.	.	1
$800_6 = \chi_{74}$	2	1	1	1	1	.	2	1	1	1	1	.	1	.	.	.
$800_7 = \chi_{75}$	2	1	1	1	1	1	1	2	.	1	1	.	.	1	.	.
$800_8 = \chi_{76}$	2	1	1	1	1	1	1	.	2	1	1	.	.	.	1	.
$800_9 = \chi_{77}$	1	.	1	1	1	.	1	.	.	1	.	.	.	1	.	.
$800_{10} = \chi_{78}$	1	1	.	1	1	1	.	.	.	1	.	.	.	.	1	.
$800_{11} = \chi_{79}$	1	1	1	.	1	.	.	.	1	.	1	.	1	.	.	.
$800_{12} = \chi_{80}$	1	1	1	1	.	.	.	1	.	.	1	1	.	.	.	.
$800_{13} = \chi_{81}$	1	.	.	1	1	.	.	.	.	1	.	1	2	.	.	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}
$730_9 = \chi_{42}$	.	.	.	.	.	.	.	.	1	1	.	2	.	1	1
$730_{10} = \chi_{43}$	.	.	.	.	.	.	.	1	.	1	.	1	1	.	2
$730_{11} = \chi_{44}$	.	.	.	.	.	.	.	.	1	.	1	1	1	2	.
$730_{12} = \chi_{45}$	1	1	1	1	.	.	.	.	.	.	.	.	.	1	.
$730_{13} = \chi_{46}$	.	1	1	.	1	.	.	.	.	.	.	.	.	.	1
$730_{14} = \chi_{47}$	1	.	1	.	.	1	.	.	.	.	.	.	1	.	.
$730_{15} = \chi_{48}$	1	1	.	.	.	.	1	.	.	.	.	1	.	.	.
$730_{16} = \chi_{49}$	.	.	.	.	.	.	.	1	.	.	.	.	1	.	1
$730_{17} = \chi_{50}$	.	.	.	.	.	.	.	.	1	.	.	1	.	1	.
$730_{18} = \chi_{51}$	.	.	.	.	.	.	.	.	.	1	.	1	.	.	1
$730_{19} = \chi_{52}$	.	.	.	.	.	.	.	.	.	.	1	.	1	1	.
$730_{20} = \chi_{53}$	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.
$730_{21} = \chi_{54}$	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.
$730_{22} = \chi_{55}$	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.
$730_{23} = \chi_{56}$	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1
$730_{24} = \chi_{57}$	2	.	.	1	1	1	1	.	.	.	.	.	.	.	.
$730_{25} = \chi_{58}$	2	.	.	1	1	1	1	.	.	.	.	.	.	.	.
$730_{26} = \chi_{59}$	.	2	2	1	1	1	1	.	.	.	.	.	.	.	.
$730_{27} = \chi_{60}$	.	2	2	1	1	1	1	.	.	.	.	.	.	.	.
$730_{28} = \chi_{61}$	1	1	1	1	.	.	1	.	.	.	1	.	.	1	.
$730_{29} = \chi_{62}$	1	1	1	.	1	1	.	.	.	1	.	.	.	.	1
$730_{30} = \chi_{63}$	1	1	1	1	.	1	.	1	.	.	.	.	1	.	.
$730_{31} = \chi_{64}$	1	1	1	.	1	.	1	.	1	.	.	1	.	.	.
$730_{32} = \chi_{65}$	1	1	.	.	.	.	.	.	1	1	.	1	.	1	.
$730_{33} = \chi_{66}$	.	.	1	.	.	.	.	1	.	.	1	.	1	.	1
$730_{34} = \chi_{67}$	1	.	1	.	.	.	.	.	1	.	1	.	1	1	.
$730_{35} = \chi_{68}$	.	1	.	.	.	.	.	1	.	1	.	1	.	.	1
$800_1 = \chi_{69}$	.	.	.	.	.	.	.	.	1	.	.	2	.	.	.
$800_2 = \chi_{70}$	.	.	.	.	.	.	.	1	.	.	.	.	2	.	.
$800_3 = \chi_{71}$	.	.	.	.	.	.	.	.	.	.	1	.	.	2	.
$800_4 = \chi_{72}$	.	.	.	.	.	.	.	.	.	1	.	.	.	.	2
$800_5 = \chi_{73}$	.	.	.	.	.	.	.	1	.	.	.	1	1	.	2
$800_6 = \chi_{74}$	1	.	.	.	.	.	.	.	1	.	.	1	1	2	.
$800_7 = \chi_{75}$	.	1	.	.	.	.	.	.	.	1	.	2	.	1	1
$800_8 = \chi_{76}$	.	.	1	.	.	.	.	.	.	.	1	.	2	1	1
$800_9 = \chi_{77}$	.	.	.	.	.	.	.	.	2	.	.	1	.	1	.
$800_{10} = \chi_{78}$	.	.	.	.	.	.	.	2	.	.	.	.	1	.	1
$800_{11} = \chi_{79}$	.	.	.	.	.	.	.	.	.	.	2	.	1	1	.
$800_{12} = \chi_{80}$	.	.	.	.	.	.	.	.	.	2	.	1	.	.	1
$800_{13} = \chi_{81}$	2	.	.	1	.	1	.	.	.	.	.	.	1	.	.

(Block 1:)	φ_{47}	φ_{48}	φ_{49}	φ_{50}	φ_{51}	φ_{52}	φ_{53}	φ_{54}	φ_{55}	φ_{56}	φ_{57}	φ_{58}	φ_{59}	φ_{60}	φ_{61}
$730_9 = \chi_{42}$	1	.	.	.	.	1	.	.
$730_{10} = \chi_{43}$	1	.	.	.	.	.	.	.	1	.
$730_{11} = \chi_{44}$	1	.	.	.	.	.	.	.	1	.	1
$730_{12} = \chi_{45}$	1	.	.	1	.	.	.	.	.	1	.	.	.	.	.
$730_{13} = \chi_{46}$	1	.	.	1	.	.	.	.	1	.	.	.	.	.	.
$730_{14} = \chi_{47}$.	1	1	1	.	.	.	.	.	.	.	1	.	.	.
$730_{15} = \chi_{48}$.	1	1	1	.	.	.	.	.	.	1	.	.	.	.
$730_{16} = \chi_{49}$	1	.	.	.	.	.	.	1	.
$730_{17} = \chi_{50}$	1	.	.	.	.	1	.	.
$730_{18} = \chi_{51}$	1	.	.	.	.	.	.	.	.	.
$730_{19} = \chi_{52}$	1	.	.	.	.	.	.	.	.	.	1
$730_{20} = \chi_{53}$.	2	.	.	.	.	.	.	.	.	1	.	.	.	.
$730_{21} = \chi_{54}$.	.	2	.	.	.	.	.	.	.	.	1	.	.	.
$730_{22} = \chi_{55}$	2	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$730_{23} = \chi_{56}$	1	.	.	.	.	.	.
$730_{24} = \chi_{57}$.	1	.	.	.	.	.	.	.	.	1	.	.	.	.
$730_{25} = \chi_{58}$.	.	1	.	.	.	.	.	.	.	.	1	.	.	.
$730_{26} = \chi_{59}$	1	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$730_{27} = \chi_{60}$	1	.	.	.	.	.	.
$730_{28} = \chi_{61}$	1	.	.	1	.	.	.	.	.	1	.	.	.	.	.
$730_{29} = \chi_{62}$.	.	.	1	.	.	.	.	1	.	.	.	.	.	.
$730_{30} = \chi_{63}$.	.	1	1	.	.	.	.	.	.	.	1	.	.	.
$730_{31} = \chi_{64}$.	1	.	1	.	.	.	.	.	.	1	.	.	.	.
$730_{32} = \chi_{65}$.	.	.	1	.	.	.	1	.	.	.	.	1	.	.
$730_{33} = \chi_{66}$.	.	.	1	.	.	1	.	.	.	.	.	.	1	.
$730_{34} = \chi_{67}$.	.	.	1	1	.	.	.	.	.	.	.	.	.	1
$730_{35} = \chi_{68}$.	.	.	1	.	1	.	.	.	.	.	.	.	.	.
$800_1 = \chi_{69}$.	2	.	.	.	.	.	.	.	.	1	.	.	.	.
$800_2 = \chi_{70}$.	.	2	.	.	.	.	.	.	.	.	1	.	.	.
$800_3 = \chi_{71}$	2	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$800_4 = \chi_{72}$	1	.	.	.	.	.	.
$800_5 = \chi_{73}$.	.	.	1	.	1	.	.	.	.	.	.	.	1	.
$800_6 = \chi_{74}$.	.	.	1	1	.	.	.	.	.	.	.	1	.	1
$800_7 = \chi_{75}$.	.	.	1	.	.	.	1	.	.	.	.	1	.	.
$800_8 = \chi_{76}$.	.	.	1	.	.	1	.	.	.	.	.	.	1	1
$800_9 = \chi_{77}$	1	.	.	.	.	1	.	.
$800_{10} = \chi_{78}$	1	.	.	.	.	.	.	1	.
$800_{11} = \chi_{79}$	1	.	.	.	.	.	.	.	.	.	1
$800_{12} = \chi_{80}$	1	.	.	.	.	.	.	.	.	.
$800_{13} = \chi_{81}$.	1	1	.	.	.	.	.	.	.	.	1	.	.	.

(Block 1:)	φ_{62}	φ_{63}	φ_{64}	φ_{65}	φ_{66}	φ_{67}	φ_{68}	φ_{69}	φ_{70}	φ_{71}	φ_{72}	φ_{73}	φ_{74}	φ_{75}	φ_{76}
$730_9 = \chi_{42}$	1	.	.	.	.	.	.	.	.	.	.	.	1	.	.
$730_{10} = \chi_{43}$	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$730_{11} = \chi_{44}$	1
$730_{12} = \chi_{45}$.	.	.	1	1	.	.	.	.	.	.	.	.	.	.
$730_{13} = \chi_{46}$.	.	.	1	1	.	.	.	.	.	.	.	.	.	.
$730_{14} = \chi_{47}$.	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$730_{15} = \chi_{48}$.	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$730_{16} = \chi_{49}$	1	.	.	1	.	.	.
$730_{17} = \chi_{50}$	1	.	.	.	.	1	.	.
$730_{18} = \chi_{51}$	1	.	.	.	.	1	.	.	.	.	.	.	.	1	.
$730_{19} = \chi_{52}$	1	.	.	.	.	.	.	.	1
$730_{20} = \chi_{53}$
$730_{21} = \chi_{54}$
$730_{22} = \chi_{55}$
$730_{23} = \chi_{56}$
$730_{24} = \chi_{57}$.	1	1	.	.	.	.	.	.	.	1	.	.	.	.
$730_{25} = \chi_{58}$.	1	1	.	.	.	.	.	.	.	1	.	.	.	.
$730_{26} = \chi_{59}$.	.	.	1	1	.	.	.	.	1	.	.	.	.	.
$730_{27} = \chi_{60}$.	.	.	1	1	.	.	.	.	1	.	.	.	.	.
$730_{28} = \chi_{61}$.	.	1	.	1	.	.	.	.	.	.	.	.	.	.
$730_{29} = \chi_{62}$.	1	.	1	.	.	.	.	.	.	.	.	.	.	.
$730_{30} = \chi_{63}$.	1	.	.	1	.	.	.	.	.	.	.	.	.	.
$730_{31} = \chi_{64}$.	.	1	1	.	.	.	.	.	.	.	.	.	.	.
$730_{32} = \chi_{65}$	1	.	.
$730_{33} = \chi_{66}$	1	.	.	.
$730_{34} = \chi_{67}$	1
$730_{35} = \chi_{68}$	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$800_1 = \chi_{69}$
$800_2 = \chi_{70}$
$800_3 = \chi_{71}$
$800_4 = \chi_{72}$
$800_5 = \chi_{73}$	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$800_6 = \chi_{74}$	1
$800_7 = \chi_{75}$	1	.	.	.	.	.	.	.	.	.	.	.	1	.	.
$800_8 = \chi_{76}$	1	.	.	.
$800_9 = \chi_{77}$	1	.	.	.	.	1	.	.
$800_{10} = \chi_{78}$	1	.	.	1	.	.	.
$800_{11} = \chi_{79}$	1	.	.	.	.	.	.	.	1
$800_{12} = \chi_{80}$	1	.	.	.	.	1	.	.	.	.	.	.	.	1	.
$800_{13} = \chi_{81}$.	1	1	.	.	.	.	.	.	.	1	.	.	.	.

(Block 1:)	φ_{77}	φ_{78}	φ_{79}	φ_{80}
$730_9 = \chi_{42}$
$730_{10} = \chi_{43}$
$730_{11} = \chi_{44}$
$730_{12} = \chi_{45}$
$730_{13} = \chi_{46}$
$730_{14} = \chi_{47}$
$730_{15} = \chi_{48}$
$730_{16} = \chi_{49}$
$730_{17} = \chi_{50}$
$730_{18} = \chi_{51}$
$730_{19} = \chi_{52}$
$730_{20} = \chi_{53}$.	.	1	.
$730_{21} = \chi_{54}$.	.	.	1
$730_{22} = \chi_{55}$.	1	.	.
$730_{23} = \chi_{56}$	1	.	.	.
$730_{24} = \chi_{57}$
$730_{25} = \chi_{58}$
$730_{26} = \chi_{59}$
$730_{27} = \chi_{60}$
$730_{28} = \chi_{61}$
$730_{29} = \chi_{62}$
$730_{30} = \chi_{63}$
$730_{31} = \chi_{64}$
$730_{32} = \chi_{65}$
$730_{33} = \chi_{66}$
$730_{34} = \chi_{67}$
$730_{35} = \chi_{68}$
$800_1 = \chi_{69}$.	.	1	.
$800_2 = \chi_{70}$.	.	.	1
$800_3 = \chi_{71}$.	1	.	.
$800_4 = \chi_{72}$	1	.	.	.
$800_5 = \chi_{73}$
$800_6 = \chi_{74}$
$800_7 = \chi_{75}$
$800_8 = \chi_{76}$
$800_9 = \chi_{77}$
$800_{10} = \chi_{78}$
$800_{11} = \chi_{79}$
$800_{12} = \chi_{80}$
$800_{13} = \chi_{81}$

(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}
$800_{14} = \chi_{82}$	1	.	.	1	1	.	.	.	.	1	.	2	1	.	.	2
$800_{15} = \chi_{83}$	1	1	1	.	.	.	.	.	.	.	1	.	.	1	2	.
$800_{16} = \chi_{84}$	1	1	1	.	.	.	.	.	.	.	1	.	.	2	1	.
$800_{17} = \chi_{85}$	3	2	2	.	1	1	.	.	1	2	2	.	.	.	1	1
$800_{18} = \chi_{86}$	3	2	2	1	.	.	1	1	.	2	2	.	.	1	.	.
$800_{19} = \chi_{87}$	3	1	.	2	2	1	.	1	.	2	2	1	.	.	.	1
$800_{20} = \chi_{88}$	3	.	1	2	2	.	1	.	1	2	2	.	1	.	.	1
$800_{21} = \chi_{89}$	1	.	1	.	1	.	1	1	1	2	1	1	1	1	.	1
$800_{22} = \chi_{90}$	1	1	.	1	.	1	.	1	1	2	1	1	1	.	1	1
$800_{23} = \chi_{91}$	1	1	.	.	1	1	1	.	1	1	2	.	1	1	1	1
$800_{24} = \chi_{92}$	1	.	1	1	.	1	1	1	.	1	2	1	.	1	1	1

(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}
$800_{14} = \chi_{82}$	2	.	.	.	1	.	1	.	.	.	.	1	.	.	.
$800_{15} = \chi_{83}$	.	2	2	.	1	1	.	.	.	.	.	.	.	.	1
$800_{16} = \chi_{84}$	.	2	2	1	.	.	1	.	.	.	.	.	.	1	.
$800_{17} = \chi_{85}$	.	1	1	.	.	.	.	1	.	.	1	.	.	1	2
$800_{18} = \chi_{86}$	1	1	1	.	.	.	.	.	1	1	.	.	.	2	1
$800_{19} = \chi_{87}$	1	1	.	.	.	.	.	1	.	1	.	2	1	.	.
$800_{20} = \chi_{88}$	1	.	1	.	.	.	.	.	1	.	1	1	2	.	.
$800_{21} = \chi_{89}$	1	1	1	1	1	.	1	.	.	.	.	.	.	.	.
$800_{22} = \chi_{90}$	1	1	1	1	1	1	.	.	.	.	.	.	.	.	.
$800_{23} = \chi_{91}$	1	1	1	1	.	1	1	.	.	.	.	.	.	.	.
$800_{24} = \chi_{92}$	1	1	1	.	1	1	1	.	.	.	.	.	.	.	.

(Block 1:)	φ_{32}	φ_{33}	φ_{34}	φ_{35}	φ_{36}	φ_{37}	φ_{38}	φ_{39}	φ_{40}	φ_{41}	φ_{42}	φ_{43}	φ_{44}	φ_{45}	φ_{46}
$800_{14} = \chi_{82}$	.	1	.	.	.	1	.	.	.	.	.	.	.	.	.
$800_{15} = \chi_{83}$	1	.	.	1	.	.	.	.	.	.	.	.	.	.	1
$800_{16} = \chi_{84}$	1	.	1	.	.	.	.	.	.	.	.	.	.	.	1
$800_{17} = \chi_{85}$	.	.	.	1	.	.	.	1	.	1	.	.	.	1	.
$800_{18} = \chi_{86}$	.	.	1	.	.	.	1	.	1	.	.	.	1	.	1
$800_{19} = \chi_{87}$	.	.	.	.	.	1	1	.	1	1	1	.	.	.	.
$800_{20} = \chi_{88}$	.	.	.	.	1	.	.	1	1	.	.	1	.	.	.
$800_{21} = \chi_{89}$	1	.	.	.	.	.	.	.	1	.	1	.	.	.	.
$800_{22} = \chi_{90}$	1	.	.	.	.	.	.	.	1	1	1	.	.	.	1
$800_{23} = \chi_{91}$	.	1	.	.	.	.	.	1	.	.	.	.	.	1	.
$800_{24} = \chi_{92}$	.	1	.	.	.	.	1	.	.	.	.	.	1	.	.

(Block 1:)	φ_{77}	φ_{78}	φ_{79}	φ_{80}
$800_{14} = \chi_{82}$
$800_{15} = \chi_{83}$
$800_{16} = \chi_{84}$
$800_{17} = \chi_{85}$
$800_{18} = \chi_{86}$
$800_{19} = \chi_{87}$
$800_{20} = \chi_{88}$
$800_{21} = \chi_{89}$
$800_{22} = \chi_{90}$
$800_{23} = \chi_{91}$
$800_{24} = \chi_{92}$

- $\varphi_1 = 1_1$
- $\varphi_2 = 3_1$
- $\varphi_3 = 3_2$
- $\varphi_4 = 3_3$
- $\varphi_5 = 3_4$
- $\varphi_6 = 6_1$
- $\varphi_7 = 6_2$
- $\varphi_8 = 6_3$
- $\varphi_9 = 6_4$
- $\varphi_{10} = 7_1$
- $\varphi_{11} = 7_2$
- $\varphi_{12} = 9_1$
- $\varphi_{13} = 9_2$
- $\varphi_{14} = 9_3$
- $\varphi_{15} = 9_4$
- $\varphi_{16} = 15_1$
- $\varphi_{17} = 15_2$
- $\varphi_{18} = 15_3$
- $\varphi_{19} = 15_4$
- $\varphi_{20} = 18_1$
- $\varphi_{21} = 18_2$
- $\varphi_{22} = 18_3$
- $\varphi_{23} = 18_4$
- $\varphi_{24} = 18_5$
- $\varphi_{25} = 18_6$
- $\varphi_{26} = 18_7$
- $\varphi_{27} = 18_8$
- $\varphi_{28} = 21_1$
- $\varphi_{29} = 21_2$
- $\varphi_{30} = 21_3$
- $\varphi_{31} = 21_4$
- $\varphi_{32} = 27_1$
- $\varphi_{33} = 27_2$
- $\varphi_{34} = 36_1$
- $\varphi_{35} = 36_2$
- $\varphi_{36} = 36_3$
- $\varphi_{37} = 36_4$
- $\varphi_{38} = 42_1$
- $\varphi_{39} = 42_2$
- $\varphi_{40} = 42_3$

φ_{41}	=	42_4	φ_{61}	=	90_7
φ_{42}	=	45_1	φ_{62}	=	90_8
φ_{43}	=	45_2	φ_{63}	=	105_1
φ_{44}	=	45_3	φ_{64}	=	105_2
φ_{45}	=	45_4	φ_{65}	=	105_3
φ_{46}	=	45_5	φ_{66}	=	105_4
φ_{47}	=	45_6	φ_{67}	=	162_1
φ_{48}	=	45_7	φ_{68}	=	162_2
φ_{49}	=	45_8	φ_{69}	=	162_3
φ_{50}	=	49_1	φ_{70}	=	162_4
φ_{51}	=	81_1	φ_{71}	=	189_1
φ_{52}	=	81_2	φ_{72}	=	189_2
φ_{53}	=	81_3	φ_{73}	=	225_1
φ_{54}	=	81_4	φ_{74}	=	225_2
φ_{55}	=	90_1	φ_{75}	=	225_3
φ_{56}	=	90_2	φ_{76}	=	225_4
φ_{57}	=	90_3	φ_{77}	=	405_1
φ_{58}	=	90_4	φ_{78}	=	405_2
φ_{59}	=	90_5	φ_{79}	=	405_3
φ_{60}	=	90_6	φ_{80}	=	405_4