

$$Fi_{22} \pmod{3}$$

	blocks	defect	matrix
3. <i>G</i> :	1	10	144×22
	2	2	9×2
	3	2	9×2
	4	1	3×1
6. <i>G</i> :	5	10	117×18

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}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$78_1 = \chi_2$	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$429_1 = \chi_3$	1	1	1	.	.	.	.	.	.	.	.	.	.	.
$1001_1 = \chi_4$	.	1	.	1	.	.	.	.	.	.	.	.	.	.
$1430_1 = \chi_5$	1	2	1	1	.	.	.	.	.	.	.	.	.	.
$3003_1 = \chi_6$	.	1	.	.	.	1	.	.	.	.	.	.	.	.
$3080_1 = \chi_7$	1	1	1	.	1	.	.	.	.	.	.	.	.	.
$10725_1 = \chi_8$	.	1	.	.	.	1	.	.	1	.	.	.	.	.
$13650_1 = \chi_9$	1	1	1	1	1	.	1	1	.	.	.	.	.	.
$30030_1 = \chi_{10}$	2	3	1	1	2	2	1	1	1	.	.	.	.	.
$32032_1 = \chi_{11}$	1	3	1	1	1	1	.	.	1	.	.	1	.	.
$43680_1 = \chi_{12}$	.	2	1	2	.	1	.	.	.	.	.	1	1	.
$45045_1 = \chi_{13}$	1	.	.	.	1	1	1	1	.	.	.	.	.	1
$48048_1 = \chi_{14}$	1	1	.	1	1	2	1	1	1	.	.	.	1	.
$50050_1 = \chi_{15}$	.	1	.	1	.	1	.	.	1	.	.	1	1	.
$50050_2 = \chi_{16}$	.	1	.	1	.	1	.	.	.	1	1	.	1	.
$75075_1 = \chi_{17}$	2	3	1	2	2	1	1	1	1	.	.	1	.	1
$75075_2 = \chi_{18}$	1	1	1	1	1	2	1	1	.	.	.	.	.	.
$75075_3 = \chi_{19}$	.	.	.	1	.	1	.	.	.	.	.	.	1	.
$81081_1 = \chi_{20}$	.	3	1	2	.	2	.	.	.	.	.	1	.	.
$114400_1 = \chi_{21}$	.	2	.	2	1	2	.	.	2	.	.	1	1	.
$138600_1 = \chi_{22}$	.	2	.	3	.	2	.	.	1	1	.	1	2	.
$138600_2 = \chi_{23}$	.	2	.	3	.	2	.	.	1	.	1	1	2	.
$150150_1 = \chi_{24}$	1	1	.	1	1	1	1	1	.	.	.	.	.	.
$205920_1 = \chi_{25}$	1	2	1	3	1	3	1	1	1	.	.	1	1	1
$289575_1 = \chi_{26}$	2	3	1	3	3	4	2	2	1	.	.	.	.	.
$300300_1 = \chi_{27}$	1	4	1	5	1	6	1	1	2	1	1	2	4	.
$320320_1 = \chi_{28}$	3	3	1	3	3	5	3	3	1	.	.	1	1	1
$370656_1 = \chi_{30}$	.	5	1	7	.	6	.	.	1	1	1	3	5	.
$400400_1 = \chi_{31}$	2	4	1	5	2	6	2	2	1	1	1	1	3	.
$400400_2 = \chi_{32}$	2	4	1	5	2	6	2	2	1	1	1	1	3	.
$400400_3 = \chi_{33}$	.	1	.	2	.	2	.	.	1	.	.	1	2	.
$400400_4 = \chi_{34}$	.	1	.	2	.	2	.	.	1	.	.	1	2	.
$450450_1 = \chi_{35}$	1	2	1	2	1	5	1	1	2	.	.	2	2	1
$450450_2 = \chi_{36}$	.	.	.	.	.	4	1	1	.	1	1	.	1	.
$576576_1 = \chi_{37}$	.	2	.	3	.	6	1	1	1	1	1	1	3	.
$579150_1 = \chi_{39}$	2	5	1	8	3	8	2	2	2	1	1	2	5	.
$582400_1 = \chi_{40}$	.	.	.	2	.	1	1	.	.	.	.	.	1	.
$582400_2 = \chi_{41}$	.	.	.	2	.	1	.	1	.	.	.	.	1	.
$600600_1 = \chi_{42}$	2	3	1	3	2	6	2	2	1	1	1	1	2	1

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}
$1_1 = \chi_1$	.	.	.	.	.	.	.	.
$78_1 = \chi_2$	.	.	.	.	.	.	.	.
$429_1 = \chi_3$	.	.	.	.	.	.	.	.
$1001_1 = \chi_4$	.	.	.	.	.	.	.	.
$1430_1 = \chi_5$	.	.	.	.	.	.	.	.
$3003_1 = \chi_6$	.	.	.	.	.	.	.	.
$3080_1 = \chi_7$	.	.	.	.	.	.	.	.
$10725_1 = \chi_8$	.	.	.	.	.	.	.	.
$13650_1 = \chi_9$	.	.	.	.	.	.	.	.
$30030_1 = \chi_{10}$	.	.	.	.	.	.	.	.
$32032_1 = \chi_{11}$	.	.	.	.	.	.	.	.
$43680_1 = \chi_{12}$	.	.	.	.	.	.	.	.
$45045_1 = \chi_{13}$	.	.	.	.	.	.	.	.
$48048_1 = \chi_{14}$	.	.	.	.	.	.	.	.
$50050_1 = \chi_{15}$	.	.	.	.	.	.	.	.
$50050_2 = \chi_{16}$	.	.	.	.	.	.	.	.
$75075_1 = \chi_{17}$	.	.	.	.	.	.	.	.
$75075_2 = \chi_{18}$	.	1	.	.	.	.	.	.
$75075_3 = \chi_{19}$	1	.	.	.	.	.	.	.
$81081_1 = \chi_{20}$	.	1	.	.	.	.	.	.
$114400_1 = \chi_{21}$	1	.	.	.	.	.	.	.
$138600_1 = \chi_{22}$	1	.	.	.	.	.	.	.
$138600_2 = \chi_{23}$	1	.	.	.	.	.	.	.
$150150_1 = \chi_{24}$	.	.	.	.	1	.	.	.
$205920_1 = \chi_{25}$	1	1	.	.	.	.	.	.
$289575_1 = \chi_{26}$	1	1	.	.	1	.	.	.
$300300_1 = \chi_{27}$	1	1	.	.	.	.	.	.
$320320_1 = \chi_{28}$	.	1	.	.	1	.	.	.
$370656_1 = \chi_{30}$	2	1	.	.	.	.	.	.
$400400_1 = \chi_{31}$	1	1	.	.	1	.	.	.
$400400_2 = \chi_{32}$	1	1	.	.	1	.	.	.
$400400_3 = \chi_{33}$	1	.	1	.	.	1	.	.
$400400_4 = \chi_{34}$	1	.	.	1	.	.	1	.
$450450_1 = \chi_{35}$	1	1	.	.	.	.	.	1
$450450_2 = \chi_{36}$	.	1	.	.	1	.	.	1
$576576_1 = \chi_{37}$	1	1	.	.	1	.	.	1
$579150_1 = \chi_{39}$	3	1	.	.	1	.	.	.
$582400_1 = \chi_{40}$	1	.	1	1	1	.	1	.
$582400_2 = \chi_{41}$	1	.	1	1	1	1	.	.
$600600_1 = \chi_{42}$	1	1	.	.	1	.	.	1

(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}
$600600_2 = \chi_{43}$	.	.	.	3	.	3	1	1	.	.	.	.	1	.
$600600_3 = \chi_{44}$	.	.	.	3	.	3	1	1	.	.	.	.	1	.
$675675_1 = \chi_{45}$	2	3	1	5	2	4	2	2	1	.	.	1	1	1
$720720_1 = \chi_{46}$	1	4	.	6	1	6	1	1	2	1	1	3	6	.
$800800_1 = \chi_{47}$	1	3	.	2	1	6	1	1	2	1	1	2	4	.
$972972_1 = \chi_{50}$	2	6	.	6	2	9	2	2	4	.	.	4	6	1
$982800_1 = \chi_{51}$	.	1	.	3	.	6	2	1	.	1	1	1	3	.
$982800_2 = \chi_{52}$	.	1	.	3	.	6	1	2	.	1	1	1	3	.
$1201200_1 = \chi_{53}$	2	6	1	9	2	10	2	2	3	1	1	3	7	.
$1360800_1 = \chi_{54}$	4	6	2	10	4	16	5	5	2	1	1	2	6	.
$1372800_1 = \chi_{55}$	4	5	2	7	3	12	5	5	1	1	1	1	3	1
$1441792_1 = \chi_{56}$	2	3	.	6	1	9	3	3	2	1	1	2	5	1
$2027025_1 = \chi_{59}$	1	3	.	6	1	10	2	2	2	1	1	2	6	.
$2050048_1 = \chi_{60}$	4	10	2	14	4	19	5	5	4	2	2	5	10	1
$2316600_1 = \chi_{61}$	1	5	.	11	1	14	2	2	3	2	2	4	11	.
$2402400_1 = \chi_{62}$	3	7	1	13	3	18	5	5	3	2	2	3	9	.
$2555904_1 = \chi_{63}$	4	8	2	12	3	18	6	6	2	2	2	3	8	1
$2555904_2 = \chi_{64}$	2	9	2	14	2	17	3	3	4	2	2	5	11	.
$351_1 = \chi_{115}$	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$351_2 = \chi_{115}^{*2}$	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$7722_1 = \chi_{116}$	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$7722_2 = \chi_{116}^{*2}$	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$12474_1 = \chi_{117}$	.	.	.	.	.	.	.	.	.	1	.	.	.	.
$12474_2 = \chi_{117}^{*14}$	.	.	.	.	.	.	.	.	.	1	.	.	.	.
$12474_3 = \chi_{118}$	.	.	.	.	.	.	.	.	.	.	1	.	.	.
$12474_4 = \chi_{118}^{*14}$	.	.	.	.	.	.	.	.	.	.	1	.	.	.
$19305_1 = \chi_{119}$	2	2	1	1	2	1	1	1	.	.	.	.	.	.
$19305_2 = \chi_{119}^{*2}$	2	2	1	1	2	1	1	1	.	.	.	.	.	.
$19656_1 = \chi_{120}$	.	3	1	2	.	.	.	.	.	.	.	1	.	.
$19656_2 = \chi_{120}^{*2}$	.	3	1	2	.	.	.	.	.	.	.	1	.	.
$27027_1 = \chi_{121}$	2	2	1	1	2	1	1	1	1	.	.	.	.	.
$27027_2 = \chi_{121}^{*2}$	2	2	1	1	2	1	1	1	1	.	.	.	.	.
$42120_1 = \chi_{122}$	2	.	.	.	1	.	1	1	.	.	.	.	.	1
$42120_2 = \chi_{122}^{*2}$	2	.	.	.	1	.	1	1	.	.	.	.	.	1
$51975_1 = \chi_{123}$	.	1	.	2	.	.	.	.	.	.	.	.	.	.
$51975_2 = \chi_{123}^{*2}$	.	1	.	2	.	.	.	.	.	.	.	.	.	.
$54054_1 = \chi_{124}$	.	3	.	2	.	2	.	.	1	.	.	1	1	.
$54054_2 = \chi_{124}^{*2}$	.	3	.	2	.	2	.	.	1	.	.	1	1	.
$61425_1 = \chi_{125}$	.	.	.	.	.	2	.	.	.	.	.	.	.	.
$61425_2 = \chi_{125}^{*2}$	.	.	.	.	.	2	.	.	.	.	.	.	.	.

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}
$600600_2 = \chi_{43}$	1	1	1	1	2	.	.	.
$600600_3 = \chi_{44}$	1	1	1	1	2	.	.	.
$675675_1 = \chi_{45}$	1	1	1	1	2	.	.	.
$720720_1 = \chi_{46}$	2	.	.	.	.	1	1	.
$800800_1 = \chi_{47}$	1	.	.	.	.	1	1	1
$972972_1 = \chi_{50}$	2	.	.	.	.	1	1	1
$982800_1 = \chi_{51}$	1	1	.	1	2	.	1	1
$982800_2 = \chi_{52}$	1	1	1	.	2	1	.	1
$1201200_1 = \chi_{53}$	3	1	1	1	1	1	1	.
$1360800_1 = \chi_{54}$	2	4	1	1	4	.	.	.
$1372800_1 = \chi_{55}$	1	3	1	1	4	.	.	1
$1441792_1 = \chi_{56}$	2	1	1	1	2	1	1	1
$2027025_1 = \chi_{59}$	3	1	2	2	2	2	2	1
$2050048_1 = \chi_{60}$	4	3	1	1	3	1	1	1
$2316600_1 = \chi_{61}$	5	1	2	2	2	2	2	1
$2402400_1 = \chi_{62}$	4	3	2	2	5	1	1	1
$2555904_1 = \chi_{63}$	3	3	2	2	5	1	1	2
$2555904_2 = \chi_{64}$	5	2	2	2	3	2	2	1
$351_1 = \chi_{115}$	.	.	.	.	.	.	.	.
$351_2 = \chi_{115}^{*2}$	.	.	.	.	.	.	.	.
$7722_1 = \chi_{116}$	.	.	.	.	.	.	.	.
$7722_2 = \chi_{116}^{*2}$	.	.	.	.	.	.	.	.
$12474_1 = \chi_{117}$	.	.	.	.	.	.	.	.
$12474_2 = \chi_{117}^{*14}$	.	.	.	.	.	.	.	.
$12474_3 = \chi_{118}$	.	.	.	.	.	.	.	.
$12474_4 = \chi_{118}^{*14}$	.	.	.	.	.	.	.	.
$19305_1 = \chi_{119}$	.	.	.	.	.	.	.	.
$19305_2 = \chi_{119}^{*2}$	.	.	.	.	.	.	.	.
$19656_1 = \chi_{120}$	.	.	.	.	.	.	.	.
$19656_2 = \chi_{120}^{*2}$	.	.	.	.	.	.	.	.
$27027_1 = \chi_{121}$	.	.	.	.	.	.	.	.
$27027_2 = \chi_{121}^{*2}$	.	.	.	.	.	.	.	.
$42120_1 = \chi_{122}$	.	.	.	.	.	.	.	.
$42120_2 = \chi_{122}^{*2}$	.	.	.	.	.	.	.	.
$51975_1 = \chi_{123}$	1	.	.	.	.	.	.	.
$51975_2 = \chi_{123}^{*2}$	1	.	.	.	.	.	.	.
$54054_1 = \chi_{124}$	.	.	.	.	.	.	.	.
$54054_2 = \chi_{124}^{*2}$	.	.	.	.	.	.	.	.
$61425_1 = \chi_{125}$	.	1	.	.	.	.	.	.
$61425_2 = \chi_{125}^{*2}$	.	1	.	.	.	.	.	.

(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}
$96525_1 = \chi_{126}$	2	3	1	2	1	2	1	1	1	.	.	1	1	1
$96525_2 = \chi_{126}^{*2}$	2	3	1	2	1	2	1	1	1	.	.	1	1	1
$123552_1 = \chi_{127}$	2	3	2	2	1	2	1	1	.	.	.	1	.	1
$123552_2 = \chi_{127}^{*2}$	2	3	2	2	1	2	1	1	.	.	.	1	.	1
$235872_3 = \chi_{128}$	.	.	.	.	.	1	1	1	.	.	.	.	.	1
$235872_4 = \chi_{128}^{*2}$	.	.	.	.	.	1	1	1	.	.	.	.	.	1
$237600_1 = \chi_{129}$	2	2	1	1	3	4	2	2	1	.	.	.	.	.
$237600_2 = \chi_{129}^{*2}$	2	2	1	1	3	4	2	2	1	.	.	.	.	.
$289575_2 = \chi_{130}$	.	2	.	5	.	4	.	.	1	1	1	2	5	.
$289575_3 = \chi_{130}^{*2}$	.	2	.	5	.	4	.	.	1	1	1	2	5	.
$368550_1 = \chi_{132}$	1	3	.	3	1	4	.	1	2	.	.	2	3	.
$368550_2 = \chi_{132}^{*23}$	1	3	.	3	1	4	.	1	2	.	.	2	3	.
$368550_3 = \chi_{133}$	1	3	.	3	1	4	1	.	2	.	.	2	3	.
$368550_4 = \chi_{133}^{*23}$	1	3	.	3	1	4	1	.	2	.	.	2	3	.
$386100_1 = \chi_{134}$	4	6	2	5	4	6	3	3	2	.	.	1	1	1
$386100_2 = \chi_{134}^{*2}$	4	6	2	5	4	6	3	3	2	.	.	1	1	1
$405405_1 = \chi_{135}$	2	7	2	8	2	7	1	1	3	1	1	3	5	.
$405405_2 = \chi_{135}^{*2}$	2	7	2	8	2	7	1	1	3	1	1	3	5	.
$405405_3 = \chi_{136}$	.	1	.	2	.	2	.	.	1	.	.	.	1	.
$405405_4 = \chi_{136}^{*2}$	.	1	.	2	.	2	.	.	1	.	.	.	1	.
$432432_1 = \chi_{137}$	.	1	1	2	.	2	.	.	.	.	.	.	.	.
$432432_2 = \chi_{137}^{*2}$	.	1	1	2	.	2	.	.	.	.	.	.	.	.
$494208_1 = \chi_{138}$	1	3	1	2	.	5	1	1	.	1	1	1	2	.
$494208_2 = \chi_{138}^{*2}$	1	3	1	2	.	5	1	1	.	1	1	1	2	.
$608256_1 = \chi_{140}$	2	7	2	8	3	10	2	2	2	1	1	3	5	.
$608256_2 = \chi_{140}^{*2}$	2	7	2	8	3	10	2	2	2	1	1	3	5	.
$675675_2 = \chi_{141}$	1	1	.	2	1	6	2	2	.	1	1	.	2	.
$675675_3 = \chi_{141}^{*2}$	1	1	.	2	1	6	2	2	.	1	1	.	2	.
$675675_4 = \chi_{142}$	.	1	.	2	.	2	.	.	1	.	.	1	2	.
$675675_5 = \chi_{142}^{*2}$	.	1	.	2	.	2	.	.	1	.	.	1	2	.
$772200_1 = \chi_{143}$	2	2	1	4	1	6	3	3	.	.	.	.	1	.
$772200_2 = \chi_{143}^{*2}$	2	2	1	4	1	6	3	3	.	.	.	.	1	.
$997920_1 = \chi_{146}$	2	6	.	6	2	9	2	2	4	1	1	4	6	1
$997920_2 = \chi_{146}^{*2}$	2	6	.	6	2	9	2	2	4	1	1	4	6	1
$1235520_1 = \chi_{147}$	.	4	.	9	1	9	1	1	3	1	1	3	7	.
$1235520_2 = \chi_{147}^{*2}$	.	4	.	9	1	9	1	1	3	1	1	3	7	.
$1297296_3 = \chi_{148}$	3	6	1	8	3	13	4	4	3	1	1	3	6	1
$1297296_4 = \chi_{148}^{*17}$	3	6	1	8	3	13	4	4	3	1	1	3	6	1
$1297296_5 = \chi_{149}$	3	6	1	8	3	13	4	4	3	1	1	3	6	1
$1297296_6 = \chi_{149}^{*17}$	3	6	1	8	3	13	4	4	3	1	1	3	6	1

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}
$96525_1 = \chi_{126}$	.	.	.	.	.	.	.	.
$96525_2 = \chi_{126}^{*2}$	.	.	.	.	.	.	.	.
$123552_1 = \chi_{127}$	.	1	.	.	.	.	.	.
$123552_2 = \chi_{127}^{*2}$	.	1	.	.	.	.	.	.
$235872_3 = \chi_{128}$	.	.	.	.	.	.	.	1
$235872_4 = \chi_{128}^{*2}$	.	.	.	.	.	.	.	1
$237600_1 = \chi_{129}$	.	1	.	.	1	.	.	.
$237600_2 = \chi_{129}^{*2}$	.	1	.	.	1	.	.	.
$289575_2 = \chi_{130}$	2	.	.	.	.	.	.	.
$289575_3 = \chi_{130}^{*2}$	2	.	.	.	.	.	.	.
$368550_1 = \chi_{132}$	1	.	.	.	.	1	.	.
$368550_2 = \chi_{132}^{*23}$	1	.	.	.	.	1	.	.
$368550_3 = \chi_{133}$	1	.	.	.	.	.	1	.
$368550_4 = \chi_{133}^{*23}$	1	.	.	.	.	.	1	.
$386100_1 = \chi_{134}$	1	1	.	.	1	.	.	.
$386100_2 = \chi_{134}^{*2}$	1	1	.	.	1	.	.	.
$405405_1 = \chi_{135}$	2	1	.	.	.	.	.	.
$405405_2 = \chi_{135}^{*2}$	2	1	.	.	.	.	.	.
$405405_3 = \chi_{136}$	1	.	1	1	1	.	.	.
$405405_4 = \chi_{136}^{*2}$	1	.	1	1	1	.	.	.
$432432_1 = \chi_{137}$	1	1	1	1	1	.	.	.
$432432_2 = \chi_{137}^{*2}$	1	1	1	1	1	.	.	.
$494208_1 = \chi_{138}$	.	1	.	.	1	.	.	1
$494208_2 = \chi_{138}^{*2}$	.	1	.	.	1	.	.	1
$608256_1 = \chi_{140}$	2	2	.	.	1	.	.	.
$608256_2 = \chi_{140}^{*2}$	2	2	.	.	1	.	.	.
$675675_2 = \chi_{141}$	1	1	.	.	2	.	.	1
$675675_3 = \chi_{141}^{*2}$	1	1	.	.	2	.	.	1
$675675_4 = \chi_{142}$	1	.	1	1	.	1	1	.
$675675_5 = \chi_{142}^{*2}$	1	.	1	1	.	1	1	.
$772200_1 = \chi_{143}$	.	2	1	1	3	.	.	.
$772200_2 = \chi_{143}^{*2}$	.	2	1	1	3	.	.	.
$997920_1 = \chi_{146}$	2	.	.	.	.	1	1	1
$997920_2 = \chi_{146}^{*2}$	2	.	.	.	.	1	1	1
$1235520_1 = \chi_{147}$	4	1	1	1	1	1	1	.
$1235520_2 = \chi_{147}^{*2}$	4	1	1	1	1	1	1	.
$1297296_3 = \chi_{148}$	2	2	1	.	2	1	.	1
$1297296_4 = \chi_{148}^{*17}$	2	2	1	.	2	1	.	1
$1297296_5 = \chi_{149}$	2	2	.	1	2	.	1	1
$1297296_6 = \chi_{149}^{*17}$	2	2	.	1	2	.	1	1

(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}
$1351350_1 = \chi_{150}$	2	4	1	6	2	9	2	2	3	.	.	3	5	1
$1351350_2 = \chi_{150}^{*2}$	2	4	1	6	2	9	2	2	3	.	.	3	5	1
$1351350_3 = \chi_{151}$	1	2	.	4	1	8	2	2	1	1	1	1	4	.
$1351350_4 = \chi_{151}^{*2}$	1	2	.	4	1	8	2	2	1	1	1	1	4	.
$1351350_5 = \chi_{152}$	3	7	1	10	3	11	3	3	2	2	2	2	7	.
$1351350_6 = \chi_{152}^{*2}$	3	7	1	10	3	11	3	3	2	2	2	2	7	.
$1351350_7 = \chi_{153}$	4	7	2	12	4	14	5	5	2	1	1	2	6	.
$1351350_8 = \chi_{153}^{*2}$	4	7	2	12	4	14	5	5	2	1	1	2	6	.
$1621620_1 = \chi_{154}$	4	6	2	10	4	17	6	6	2	2	2	2	6	1
$1621620_2 = \chi_{154}^{*2}$	4	6	2	10	4	17	6	6	2	2	2	2	6	1
$1658475_1 = \chi_{155}$	2	4	1	8	2	10	4	3	1	1	1	2	4	1
$1658475_2 = \chi_{155}^{*23}$	2	4	1	8	2	10	4	3	1	1	1	2	4	1
$1658475_3 = \chi_{156}$	2	4	1	8	2	10	3	4	1	1	1	2	4	1
$1658475_4 = \chi_{156}^{*23}$	2	4	1	8	2	10	3	4	1	1	1	2	4	1
$1729728_1 = \chi_{157}$	1	7	1	11	1	14	2	2	3	2	2	4	9	.
$1729728_2 = \chi_{157}^{*2}$	1	7	1	11	1	14	2	2	3	2	2	4	9	.
$1853280_1 = \chi_{159}$	2	5	1	6	1	13	3	3	2	2	2	2	6	.
$1853280_2 = \chi_{159}^{*2}$	2	5	1	6	1	13	3	3	2	2	2	2	6	.
$1965600_1 = \chi_{161}$	1	7	1	11	1	14	2	2	3	2	2	5	11	.
$1965600_2 = \chi_{161}^{*2}$	1	7	1	11	1	14	2	2	3	2	2	5	11	.
$1965600_3 = \chi_{162}$	1	3	.	6	1	8	2	2	2	1	1	2	6	.
$1965600_4 = \chi_{162}^{*2}$	1	3	.	6	1	8	2	2	2	1	1	2	6	.
$3088800_1 = \chi_{164}$	3	7	1	15	2	20	5	5	3	2	2	4	12	.
$3088800_2 = \chi_{164}^{*2}$	3	7	1	15	2	20	5	5	3	2	2	4	12	.

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}		
$1351350_1 = \chi_{150}$	3	1	1	1	1	1	1	1	$\varphi_1 =$	1_1
$1351350_2 = \chi_{150}^{*2}$	3	1	1	1	1	1	1	1	$\varphi_2 =$	77_1
$1351350_3 = \chi_{151}$	2	1	1	1	2	1	1	1	$\varphi_3 =$	351_1
$1351350_4 = \chi_{151}^{*2}$	2	1	1	1	2	1	1	1	$\varphi_4 =$	924_1
$1351350_5 = \chi_{152}$	3	1	1	1	2	1	1	.	$\varphi_5 =$	2651_1
$1351350_6 = \chi_{152}^{*2}$	3	1	1	1	2	1	1	.	$\varphi_6 =$	2926_1
$1351350_7 = \chi_{153}$	3	3	1	1	4	.	.	.	$\varphi_7 =$	4823_1
$1351350_8 = \chi_{153}^{*2}$	3	3	1	1	4	.	.	.	$\varphi_8 =$	4823_2
$1621620_1 = \chi_{154}$	2	4	1	1	4	.	.	1	$\varphi_9 =$	7722_1
$1621620_2 = \chi_{154}^{*2}$	2	4	1	1	4	.	.	1	$\varphi_{10} =$	12474_1
$1658475_1 = \chi_{155}$	2	2	1	2	4	.	1	1	$\varphi_{11} =$	12474_2
$1658475_2 = \chi_{155}^{*23}$	2	2	1	2	4	.	1	1	$\varphi_{12} =$	17226_1
$1658475_3 = \chi_{156}$	2	2	2	1	4	1	.	1	$\varphi_{13} =$	21175_1
$1658475_4 = \chi_{156}^{*23}$	2	2	2	1	4	1	.	1	$\varphi_{14} =$	29821_1
$1729728_1 = \chi_{157}$	4	2	1	1	2	1	1	1	$\varphi_{15} =$	50050_1
$1729728_2 = \chi_{157}^{*2}$	4	2	1	1	2	1	1	1	$\varphi_{16} =$	55573_1
$1853280_1 = \chi_{159}$	2	2	1	1	3	1	1	2	$\varphi_{17} =$	92378_1
$1853280_2 = \chi_{159}^{*2}$	2	2	1	1	3	1	1	2	$\varphi_{18} =$	92378_2
$1965600_1 = \chi_{161}$	4	1	1	1	1	2	2	1	$\varphi_{19} =$	133925_1
$1965600_2 = \chi_{161}^{*2}$	4	1	1	1	1	2	2	1	$\varphi_{20} =$	182897_1
$1965600_3 = \chi_{162}$	3	.	2	2	2	2	2	1	$\varphi_{21} =$	182897_2
$1965600_4 = \chi_{162}^{*2}$	3	.	2	2	2	2	2	1	$\varphi_{22} =$	193479_1
$3088800_1 = \chi_{164}$	5	3	3	3	5	2	2	1		
$3088800_2 = \chi_{164}^{*2}$	5	3	3	3	5	2	2	1		

Block 2:	φ_{23}	φ_{24}		
$360855_1 = \chi_{29}$	1	.		
$577368_1 = \chi_{38}$	.	1		
$938223_1 = \chi_{49}$	1	1		
$360855_2 = \chi_{131}$	1	.	$\varphi_{23} =$	360855_1
$360855_3 = \chi_{131}^{*2}$	1	.	$\varphi_{24} =$	577368_1
$577368_2 = \chi_{139}$	.	1		
$577368_3 = \chi_{139}^{*2}$	.	1		
$938223_2 = \chi_{145}$	1	1		
$938223_3 = \chi_{145}^{*2}$	1	1		

Block 3:	φ_{25}	φ_{27}	
$852930_1 = \chi_{48}$	1	.	
$1876446_1 = \chi_{58}$	.	1	
$2729376_1 = \chi_{65}$	1	1	
$852930_2 = \chi_{144}$	1	.	$\varphi_{25} = 852930_1$
$852930_3 = \chi_{144}^{*2}$	1	.	$\varphi_{27} = 1876446_1$
$1876446_2 = \chi_{160}$	.	1	
$1876446_3 = \chi_{160}^{*2}$	.	1	
$2729376_2 = \chi_{163}$	1	1	
$2729376_3 = \chi_{163}^{*2}$	1	1	

Block 4:	φ_{26}	
$1791153_1 = \chi_{57}$	1	
$1791153_2 = \chi_{158}$	1	$\varphi_{26} = 1791153_1$
$1791153_3 = \chi_{158}^{*2}$	1	

Block 5:	φ_{28}	φ_{29}	φ_{30}	φ_{31}	φ_{32}	φ_{33}	φ_{34}	φ_{35}	φ_{36}	φ_{37}	φ_{38}	φ_{39}	φ_{40}
$352_1 = \chi_{66}$	1	1	.	.	.	.	.	.	.	.	.	.	.
$2080_1 = \chi_{67}$	1	1	1	.	.	.	.	.	.	.	.	.	.
$2080_2 = \chi_{68}$	1	1	.	1	.	.	.	.	.	.	.	.	.
$5824_1 = \chi_{69}$	1	.	.	.	1	.	.	.	.	.	.	.	.
$5824_2 = \chi_{70}$	.	1	.	.	.	1	.	.	.	.	.	.	.
$5824_3 = \chi_{71}$	.	1	.	.	.	.	1	.	.	.	.	.	.
$5824_4 = \chi_{72}$	1	.	.	.	.	.	.	1	.	.	.	.	.
$13728_1 = \chi_{73}$	3	1	.	1	1	.	.	1	.	.	.	.	.
$13728_2 = \chi_{74}$	1	3	1	.	.	1	1	.	.	.	.	.	.
$27456_1 = \chi_{75}$	4	4	1	1	1	1	1	1	.	.	.	.	.
$48048_2 = \chi_{76}$	3	1	.	.	1	.	.	1	1	.	.	.	.
$48048_3 = \chi_{77}$	1	3	.	.	.	1	1	.	.	1	.	.	.
$105600_1 = \chi_{78}$	.	.	.	.	.	.	.	.	.	.	1	1	.
$105600_2 = \chi_{79}$	.	.	.	.	.	.	.	.	.	.	1	1	.
$123200_1 = \chi_{80}$	7	7	1	1	2	2	2	2	1	1	.	.	.
$133056_1 = \chi_{81}$	4	4	1	1	1	1	1	1	.	.	1	1	.
$146432_1 = \chi_{82}$	6	4	1	1	2	1	1	2	1	.	.	.	1
$146432_2 = \chi_{83}$	4	6	1	1	1	2	2	1	.	1	.	.	.
$228800_1 = \chi_{84}$	7	7	1	1	2	2	2	2	1	1	1	1	.
$235872_1 = \chi_{85}$	11	10	1	1	4	2	2	4	2	1	1	.	.
$235872_2 = \chi_{86}$	10	11	1	1	2	4	4	2	1	2	.	1	.
$320320_2 = \chi_{87}$	4	2	.	.	1	1	1	1	.	.	1	1	.
$320320_3 = \chi_{88}$	2	4	.	.	1	1	1	1	.	.	1	1	.
$400400_5 = \chi_{89}$	8	5	1	.	3	1	1	3	1	.	1	.	1
$400400_6 = \chi_{90}$	5	8	.	1	1	3	3	1	.	1	.	1	.
$436800_1 = \chi_{91}$	9	6	1	1	3	1	1	3	1	.	2	1	.
$436800_2 = \chi_{92}$	6	9	1	1	1	3	3	1	.	1	1	2	.
$480480_1 = \chi_{93}$	11	9	1	1	3	3	3	3	1	1	.	.	1
$480480_2 = \chi_{94}$	9	11	1	1	3	3	3	3	1	1	.	.	1
$686400_1 = \chi_{95}$	12	7	1	.	4	2	2	4	1	.	1	.	1
$686400_2 = \chi_{96}$	7	12	.	1	2	4	4	2	.	1	.	1	1
$915200_1 = \chi_{97}$	19	14	2	1	6	4	4	6	2	1	2	1	1
$915200_2 = \chi_{98}$	14	19	1	2	4	6	6	4	1	2	1	2	1
$1029600_1 = \chi_{99}$	20	20	2	2	6	6	6	6	2	2	2	2	1
$1201200_2 = \chi_{100}$	21	18	2	1	7	5	5	7	2	1	2	1	2
$1201200_3 = \chi_{101}$	18	21	1	2	5	7	7	5	1	2	1	2	1
$1297296_1 = \chi_{102}$	29	18	2	2	9	5	5	9	3	1	3	2	1
$1297296_2 = \chi_{103}$	18	29	2	2	5	9	9	5	1	3	2	3	1
$1441792_2 = \chi_{104}$	20	20	1	1	6	6	6	6	1	1	3	3	1
$1663200_1 = \chi_{105}$	6	8	1	1	2	2	2	2	.	.	2	3	.

(Block 5:)	φ_{41}	φ_{42}	φ_{43}	φ_{44}	φ_{45}
$352_1 = \chi_{66}$	.	.	.	.	.
$2080_1 = \chi_{67}$	.	.	.	.	.
$2080_2 = \chi_{68}$	.	.	.	.	.
$5824_1 = \chi_{69}$	.	.	.	.	.
$5824_2 = \chi_{70}$	.	.	.	.	.
$5824_3 = \chi_{71}$	.	.	.	.	.
$5824_4 = \chi_{72}$	.	.	.	.	.
$13728_1 = \chi_{73}$	.	.	.	.	.
$13728_2 = \chi_{74}$	.	.	.	.	.
$27456_1 = \chi_{75}$	.	.	.	.	.
$48048_2 = \chi_{76}$	.	.	.	.	.
$48048_3 = \chi_{77}$	.	.	.	.	.
$105600_1 = \chi_{78}$	.	.	.	.	.
$105600_2 = \chi_{79}$	.	.	.	.	.
$123200_1 = \chi_{80}$	.	.	.	.	.
$133056_1 = \chi_{81}$	.	.	.	.	.
$146432_1 = \chi_{82}$	.	.	.	.	.
$146432_2 = \chi_{83}$	1	.	.	.	.
$228800_1 = \chi_{84}$	.	.	.	.	.
$235872_1 = \chi_{85}$	.	.	.	.	.
$235872_2 = \chi_{86}$	.	.	.	.	.
$320320_2 = \chi_{87}$	.	1	.	.	.
$320320_3 = \chi_{88}$	.	.	1	.	.
$400400_5 = \chi_{89}$	.	1	.	.	.
$400400_6 = \chi_{90}$	1	.	1	.	.
$436800_1 = \chi_{91}$	.	1	.	.	.
$436800_2 = \chi_{92}$	.	.	1	.	.
$480480_1 = \chi_{93}$	1	1	.	.	.
$480480_2 = \chi_{94}$	1	.	1	.	.
$686400_1 = \chi_{95}$	1	2	.	.	.
$686400_2 = \chi_{96}$	1	.	2	.	.
$915200_1 = \chi_{97}$	1	2	.	.	.
$915200_2 = \chi_{98}$	1	.	2	.	.
$1029600_1 = \chi_{99}$	1	1	1	.	.
$1201200_2 = \chi_{100}$	1	2	1	.	.
$1201200_3 = \chi_{101}$	2	1	2	.	.
$1297296_1 = \chi_{102}$	1	3	.	.	.
$1297296_2 = \chi_{103}$	1	.	3	.	.
$1441792_2 = \chi_{104}$	1	2	2	.	.
$1663200_1 = \chi_{105}$	.	.	2	1	.

(Block 5:)	φ_{28}	φ_{29}	φ_{30}	φ_{31}	φ_{32}	φ_{33}	φ_{34}	φ_{35}	φ_{36}	φ_{37}	φ_{38}	φ_{39}	φ_{40}
$1663200_2 = \chi_{106}$	8	6	1	1	2	2	2	2	.	.	3	2	.
$2196480_1 = \chi_{107}$	16	18	2	2	5	5	5	5	1	1	3	3	1
$2196480_2 = \chi_{108}$	18	16	2	2	5	5	5	5	1	1	3	3	1
$2358720_1 = \chi_{109}$	37	36	3	3	12	10	10	12	3	2	5	4	2
$2358720_2 = \chi_{110}$	36	37	3	3	10	12	12	10	2	3	4	5	2
$2402400_2 = \chi_{111}$	19	14	2	1	6	4	4	6	1	.	4	3	1
$2402400_3 = \chi_{112}$	14	19	1	2	4	6	6	4	.	1	3	4	1
$2555904_3 = \chi_{113}$	26	24	3	2	8	7	7	8	2	1	3	3	2
$2555904_4 = \chi_{114}$	24	26	2	3	7	8	8	7	1	2	3	3	1
$1728_1 = \chi_{165}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$1728_2 = \chi_{165}^{*2}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$1728_3 = \chi_{166}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$1728_4 = \chi_{166}^{*2}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$61776_1 = \chi_{167}$	6	2	.	1	2	.	.	2	1	.	.	.	.
$61776_2 = \chi_{167}^{*2}$	6	2	.	1	2	.	.	2	1	.	.	.	.
$61776_3 = \chi_{168}$	2	6	1	.	.	2	2	.	.	1	.	.	.
$61776_4 = \chi_{168}^{*2}$	2	6	1	.	.	2	2	.	.	1	.	.	.
$71280_1 = \chi_{169}$	.	.	.	.	.	.	.	.	.	.	.	.	1
$71280_2 = \chi_{169}^{*2}$	.	.	.	.	.	.	.	.	.	.	.	.	1
$71280_3 = \chi_{170}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$71280_4 = \chi_{170}^{*2}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$112320_1 = \chi_{171}$	3	2	.	.	2	.	.	2	1	.	1	.	.
$112320_2 = \chi_{171}^{*2}$	3	2	.	.	2	.	.	2	1	.	1	.	.
$112320_3 = \chi_{172}$	2	3	.	.	.	2	2	.	.	1	.	1	.
$112320_4 = \chi_{172}^{*2}$	2	3	.	.	.	2	2	.	.	1	.	1	.
$123552_3 = \chi_{173}$	8	8	1	1	2	2	2	2	1	1	.	.	.
$123552_4 = \chi_{173}^{*2}$	8	8	1	1	2	2	2	2	1	1	.	.	.
$308880_1 = \chi_{174}$	11	10	2	1	4	2	2	4	2	1	1	.	1
$308880_2 = \chi_{174}^{*2}$	11	10	2	1	4	2	2	4	2	1	1	.	1
$308880_3 = \chi_{175}$	10	11	1	2	2	4	4	2	1	2	.	1	.
$308880_4 = \chi_{175}^{*2}$	10	11	1	2	2	4	4	2	1	2	.	1	.
$314496_1 = \chi_{176}$	4	1	.	.	1	1	.	1	.	.	1	1	.
$314496_2 = \chi_{176}^{*23}$	4	1	.	.	1	1	.	1	.	.	1	1	.
$314496_3 = \chi_{177}$	1	4	.	.	1	1	1	.	.	.	1	1	.
$314496_4 = \chi_{177}^{*23}$	1	4	.	.	1	1	1	.	.	.	1	1	.
$314496_5 = \chi_{178}$	1	4	.	.	.	1	1	1	.	.	1	1	.
$314496_6 = \chi_{178}^{*23}$	1	4	.	.	.	1	1	1	.	.	1	1	.
$314496_7 = \chi_{179}$	4	1	.	.	1	.	1	1	.	.	1	1	.
$314496_8 = \chi_{179}^{*23}$	4	1	.	.	1	.	1	1	.	.	1	1	.
$359424_1 = \chi_{180}$	10	6	1	.	3	2	2	3	1	.	.	.	1

(Block 5:)	φ_{41}	φ_{42}	φ_{43}	φ_{44}	φ_{45}
$1663200_2 = \chi_{106}$	.	2	.	.	1
$2196480_1 = \chi_{107}$	1	1	2	1	.
$2196480_2 = \chi_{108}$	1	2	1	.	1
$2358720_1 = \chi_{109}$	2	3	3	.	.
$2358720_2 = \chi_{110}$	2	3	3	.	.
$2402400_2 = \chi_{111}$	1	3	1	1	.
$2402400_3 = \chi_{112}$	1	1	3	.	1
$2555904_3 = \chi_{113}$	1	2	2	1	.
$2555904_4 = \chi_{114}$	2	2	2	.	1
$1728_1 = \chi_{165}$	.	.	.	.	.
$1728_2 = \chi_{165}^{*2}$	.	.	.	.	.
$1728_3 = \chi_{166}$	.	.	.	.	.
$1728_4 = \chi_{166}^{*2}$	.	.	.	.	.
$61776_1 = \chi_{167}$	.	.	.	.	.
$61776_2 = \chi_{167}^{*2}$	.	.	.	.	.
$61776_3 = \chi_{168}$	.	.	.	.	.
$61776_4 = \chi_{168}^{*2}$	.	.	.	.	.
$71280_1 = \chi_{169}$	.	.	.	.	.
$71280_2 = \chi_{169}^{*2}$	.	.	.	.	.
$71280_3 = \chi_{170}$	1	.	.	.	.
$71280_4 = \chi_{170}^{*2}$	1	.	.	.	.
$112320_1 = \chi_{171}$	.	.	.	.	.
$112320_2 = \chi_{171}^{*2}$	.	.	.	.	.
$112320_3 = \chi_{172}$	.	.	.	.	.
$112320_4 = \chi_{172}^{*2}$	.	.	.	.	.
$123552_3 = \chi_{173}$	.	.	.	.	.
$123552_4 = \chi_{173}^{*2}$	.	.	.	.	.
$308880_1 = \chi_{174}$	.	.	.	.	.
$308880_2 = \chi_{174}^{*2}$	.	.	.	.	.
$308880_3 = \chi_{175}$	1	.	.	.	.
$308880_4 = \chi_{175}^{*2}$	1	.	.	.	.
$314496_1 = \chi_{176}$	.	1	.	.	.
$314496_2 = \chi_{176}^{*23}$	.	1	.	.	.
$314496_3 = \chi_{177}$	.	.	1	.	.
$314496_4 = \chi_{177}^{*23}$	.	.	1	.	.
$314496_5 = \chi_{178}$	.	.	1	.	.
$314496_6 = \chi_{178}^{*23}$	.	.	1	.	.
$314496_7 = \chi_{179}$	.	1	.	.	.
$314496_8 = \chi_{179}^{*23}$	.	1	.	.	.
$359424_1 = \chi_{180}$	.	1	.	.	.

(Block 5:)	φ_{28}	φ_{29}	φ_{30}	φ_{31}	φ_{32}	φ_{33}	φ_{34}	φ_{35}	φ_{36}	φ_{37}	φ_{38}	φ_{39}	φ_{40}
$359424_2 = \chi_{180}^{*2}$	10	6	1	.	3	2	2	3	1	.	.	.	1
$359424_3 = \chi_{181}$	6	10	.	1	2	3	3	2	.	1	.	.	.
$359424_4 = \chi_{181}^{*2}$	6	10	.	1	2	3	3	2	.	1	.	.	.
$432432_3 = \chi_{182}$	10	6	1	1	3	2	2	3	1	.	.	.	1
$432432_4 = \chi_{182}^{*2}$	10	6	1	1	3	2	2	3	1	.	.	.	1
$432432_5 = \chi_{183}$	6	10	1	1	2	3	3	2	.	1	.	.	1
$432432_6 = \chi_{183}^{*2}$	6	10	1	1	2	3	3	2	.	1	.	.	1
$967680_1 = \chi_{184}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$967680_2 = \chi_{184}^{*2}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$967680_3 = \chi_{185}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$967680_4 = \chi_{185}^{*2}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$1123200_1 = \chi_{186}$	21	13	2	1	7	3	3	7	2	.	3	1	1
$1123200_2 = \chi_{186}^{*2}$	21	13	2	1	7	3	3	7	2	.	3	1	1
$1123200_3 = \chi_{187}$	13	21	1	2	3	7	7	3	.	2	1	3	1
$1123200_4 = \chi_{187}^{*2}$	13	21	1	2	3	7	7	3	.	2	1	3	1
$1235520_3 = \chi_{188}$	23	16	2	1	7	5	5	7	2	1	3	2	1
$1235520_4 = \chi_{188}^{*2}$	23	16	2	1	7	5	5	7	2	1	3	2	1
$1235520_5 = \chi_{189}$	16	23	1	2	5	7	7	5	1	2	2	3	1
$1235520_6 = \chi_{189}^{*2}$	16	23	1	2	5	7	7	5	1	2	2	3	1
$1729728_3 = \chi_{190}$	35	28	3	3	11	8	8	11	3	2	3	2	2
$1729728_4 = \chi_{190}^{*2}$	35	28	3	3	11	8	8	11	3	2	3	2	2
$1729728_5 = \chi_{191}$	28	35	3	3	8	11	11	8	2	3	2	3	2
$1729728_6 = \chi_{191}^{*2}$	28	35	3	3	8	11	11	8	2	3	2	3	2
$1796256_1 = \chi_{192}$	12	10	2	2	3	3	3	3	.	.	4	3	.
$1796256_2 = \chi_{192}^{*14}$	12	10	2	2	3	3	3	3	.	.	4	3	.
$1796256_3 = \chi_{193}$	10	12	2	2	3	3	3	3	.	.	3	4	.
$1796256_4 = \chi_{193}^{*14}$	10	12	2	2	3	3	3	3	.	.	3	4	.
$2594592_1 = \chi_{194}$	47	47	4	4	14	14	14	14	4	4	5	5	2
$2594592_2 = \chi_{194}^{*2}$	47	47	4	4	14	14	14	14	4	4	5	5	2
$2965248_1 = \chi_{195}$	31	26	3	2	10	7	7	10	3	1	5	4	2
$2965248_2 = \chi_{195}^{*2}$	31	26	3	2	10	7	7	10	3	1	5	4	2
$2965248_3 = \chi_{196}$	26	31	2	3	7	10	10	7	1	3	4	5	1
$2965248_4 = \chi_{196}^{*2}$	26	31	2	3	7	10	10	7	1	3	4	5	1
$3088800_3 = \chi_{197}$	26	26	2	2	8	8	8	8	1	1	4	4	2
$3088800_4 = \chi_{197}^{*2}$	26	26	2	2	8	8	8	8	1	1	4	4	2
$3088800_5 = \chi_{198}$	26	26	2	2	8	8	8	8	1	1	4	4	2
$3088800_6 = \chi_{198}^{*2}$	26	26	2	2	8	8	8	8	1	1	4	4	2

(Block 5:)	φ_{41}	φ_{42}	φ_{43}	φ_{44}	φ_{45}		
$359424_2 = \chi_{180}^{*2}$	.	1	.	.	.		
$359424_3 = \chi_{181}$	1	.	1	.	.		
$359424_4 = \chi_{181}^{*2}$	1	.	1	.	.		
$432432_3 = \chi_{182}$	1	1	.	.	.		
$432432_4 = \chi_{182}^{*2}$	1	1	.	.	.		
$432432_5 = \chi_{183}$	1	.	1	.	.		
$432432_6 = \chi_{183}^{*2}$	1	.	1	.	.		
$967680_1 = \chi_{184}$	.	.	.	1	.		
$967680_2 = \chi_{184}^{*2}$	.	.	.	1	.		
$967680_3 = \chi_{185}$	.	.	.	.	1	$\varphi_{28} =$	176_1
$967680_4 = \chi_{185}^{*2}$	.	.	.	.	1	$\varphi_{29} =$	176_2
$1123200_1 = \chi_{186}$	1	3	.	.	.	$\varphi_{30} =$	1728_1
$1123200_2 = \chi_{186}^{*2}$	1	3	.	.	.	$\varphi_{31} =$	1728_2
$1123200_3 = \chi_{187}$	1	.	3	.	.	$\varphi_{32} =$	5648_1
$1123200_4 = \chi_{187}^{*2}$	1	.	3	.	.	$\varphi_{33} =$	5648_2
$1235520_3 = \chi_{188}$	1	3	.	.	.	$\varphi_{34} =$	5648_3
$1235520_4 = \chi_{188}^{*2}$	1	3	.	.	.	$\varphi_{35} =$	5648_4
$1235520_5 = \chi_{189}$	1	.	3	.	.	$\varphi_{36} =$	36048_1
$1235520_6 = \chi_{189}^{*2}$	1	.	3	.	.	$\varphi_{37} =$	36048_2
$1729728_3 = \chi_{190}$	2	3	1	.	.	$\varphi_{38} =$	52800_1
$1729728_4 = \chi_{190}^{*2}$	2	3	1	.	.	$\varphi_{39} =$	52800_2
$1729728_5 = \chi_{191}$	2	1	3	.	.	$\varphi_{40} =$	71280_1
$1729728_6 = \chi_{191}^{*2}$	2	1	3	.	.	$\varphi_{41} =$	71280_2
$1796256_1 = \chi_{192}$	.	2	.	.	1	$\varphi_{42} =$	191072_1
$1796256_2 = \chi_{192}^{*14}$	.	2	.	.	1	$\varphi_{43} =$	191072_2
$1796256_3 = \chi_{193}$	.	.	2	1	.	$\varphi_{44} =$	965952_1
$1796256_4 = \chi_{193}^{*14}$	.	.	2	1	.	$\varphi_{45} =$	965952_2
$2594592_1 = \chi_{194}$	2	3	3	.	.		
$2594592_2 = \chi_{194}^{*2}$	2	3	3	.	.		
$2965248_1 = \chi_{195}$	1	3	2	1	.		
$2965248_2 = \chi_{195}^{*2}$	1	3	2	1	.		
$2965248_3 = \chi_{196}$	2	2	3	.	1		
$2965248_4 = \chi_{196}^{*2}$	2	2	3	.	1		
$3088800_3 = \chi_{197}$	2	3	3	1	.		
$3088800_4 = \chi_{197}^{*2}$	2	3	3	1	.		
$3088800_5 = \chi_{198}$	2	3	3	.	1		
$3088800_6 = \chi_{198}^{*2}$	2	3	3	.	1		