

	φ_{49}	φ_{39}	φ_{53}	φ_{27}	φ_{31}	φ_{59}	φ_{71}	φ_{79}	φ_{47}	φ_{73}	φ_{81}	φ_{63}	φ_{35}	φ_{55}
16^1
$1^1 15^1$
$2^1 14^1$
$1^2 14^1$
$3^1 13^1$
$1^1 2^1 13^1$
$1^3 13^1$
$4^1 12^1$
$1^1 3^1 12^1$
$2^2 12^1$
$1^2 2^1 12^1$
$1^4 12^1$
$5^1 11^1$
$1^1 4^1 11^1$
$2^1 3^1 11^1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$1^2 3^1 11^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1^1 2^2 11^1$.	.	1	.	.	.	.	.	.	.	.	.	.	.
$1^3 2^1 11^1$.	1	.	1	.	.	.	.	.	.	.	.	.	.
$1^5 11^1$.	.	.	1	.	.	.	.	.	.	.	.	.	.
$6^1 10^1$	1	.	.	.	.	.	.	.	.	.
$1^1 5^1 10^1$	1	.	.	.	.	.	.	.	.
$2^1 4^1 10^1$	1	.	1	.	.	.	.	.	.	.
$1^2 4^1 10^1$	1	.	.	.	.	.	.
$3^2 10^1$	1	.	.	.	.	.	.	.	1	.	.	.	.	.
$1^1 2^1 3^1 10^1$	1	.	.	1	.	.	.	.
$1^3 3^1 10^1$	1	.	.	.
$2^3 10^1$	1	.	.
$1^2 2^2 10^1$	1	.	.	1	.
$1^4 2^1 10^1$.	1	.	1	.	.	.	.	.	.	.	.	.	1
$1^6 10^1$	1	.
$7^1 9^1$
$1^1 6^1 9^1$	1	.	.	.	.	.	.	.	.
$2^1 5^1 9^1$	1	.	.	.	.	.	.	.	.
$1^2 5^1 9^1$
$3^1 4^1 9^1$
$1^1 2^1 4^1 9^1$	1	.	.	.	.	.	.
$1^3 4^1 9^1$
$1^1 3^2 9^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$2^2 3^1 9^1$
$1^2 2^1 3^1 9^1$	1	.	.	.

	φ_{19}	φ_{37}	φ_{77}	φ_{97}	φ_{93}	φ_{125}	φ_{113}	φ_{75}	φ_{103}	φ_{127}	φ_{107}	φ_{41}	φ_{61}	φ_{13}
16^1
$1^1 15^1$
$2^1 14^1$
$1^2 14^1$
$3^1 13^1$
$1^1 2^1 13^1$
$1^3 13^1$
$4^1 12^1$
$1^1 3^1 12^1$
$2^2 12^1$
$1^2 2^1 12^1$
$1^4 12^1$
$5^1 11^1$
$1^1 4^1 11^1$
$2^1 3^1 11^1$
$1^2 3^1 11^1$
$1^1 2^2 11^1$
$1^3 2^1 11^1$
$1^5 11^1$
$6^1 10^1$
$1^1 5^1 10^1$
$2^1 4^1 10^1$
$1^2 4^1 10^1$
$3^2 10^1$
$1^1 2^1 3^1 10^1$
$1^3 3^1 10^1$
$2^3 10^1$
$1^2 2^2 10^1$
$1^4 2^1 10^1$
$1^6 10^1$
$7^1 9^1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$1^1 6^1 9^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$2^1 5^1 9^1$.	1	1	.	.	.	.	.	.	.	.	.	.	.
$1^2 5^1 9^1$.	.	.	1	.	.	.	.	.	.	.	.	.	.
$3^1 4^1 9^1$	1	.	.	.	1	.	.	.	.	.	.	.	.	.
$1^1 2^1 4^1 9^1$	1	.	.	.	.	.	.	.	.
$1^3 4^1 9^1$	1	.	.	.	.	.	.	.
$1^1 3^2 9^1$	1	.	.	1	.	.	.	.	.	.
$2^2 3^1 9^1$.	.	1	.	.	.	.	.	1	.	.	.	.	.
$1^2 2^1 3^1 9^1$	1	.	.	.	.

	φ_{43}	φ_{65}	φ_{67}	φ_{69}	φ_{87}	φ_{83}	φ_{89}	φ_{148}	φ_{95}	φ_{155}	φ_{129}	φ_{101}	φ_{141}	φ_{137}
$1^4 3^1 9^1$
$1^1 2^3 9^1$
$1^3 2^2 9^1$
$1^5 2^1 9^1$
$1^7 9^1$
8^2
$1^1 7^1 8^1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$2^1 6^1 8^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1^2 6^1 8^1$.	.	1	.	.	.	.	.	.	.	.	.	.	.
$3^1 5^1 8^1$	1	.	.	1	.	.	.	.	.	.	.	.	.	.
$1^1 2^1 5^1 8^1$.	.	1	.	1	.	.	.	.	.	.	.	.	.
$1^3 5^1 8^1$	1	.	.	.	.	.	.	.	.
$4^2 8^1$	1	.	.	.	.	.	.	.
$1^1 3^1 4^1 8^1$	1	.	.	.	.	.	.
$2^2 4^1 8^1$	1	.	.	.	1	.	.	.	.	.
$1^2 2^1 4^1 8^1$	1	.	.	.	.
$1^4 4^1 8^1$	1	.	.	.
$2^1 3^2 8^1$.	.	.	1	.	.	.	.	.	.	.	1	.	.
$1^2 3^2 8^1$	1	.	.	.	.	.	1	.
$1^1 2^2 3^1 8^1$	1
$1^3 2^1 3^1 8^1$	1	.
$1^5 3^1 8^1$
$2^4 8^1$	1	.	.	.	.	.
$1^2 2^3 8^1$	1	.	.
$1^4 2^2 8^1$
$1^6 2^1 8^1$
$1^8 8^1$
$2^1 7^2$
$1^2 7^2$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$3^1 6^1 7^1$
$1^1 2^1 6^1 7^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1^3 6^1 7^1$
$4^1 5^1 7^1$
$1^1 3^1 5^1 7^1$	1	.	.	1	.	.	.	.	.	.	.	.	.	.
$2^2 5^1 7^1$
$1^2 2^1 5^1 7^1$
$1^4 5^1 7^1$
$1^1 4^2 7^1$	1	.	.	.	.	.	.	.
$2^1 3^1 4^1 7^1$.	.	.	1	.	.	.	.	.	.	.	1	.	.
$1^2 3^1 4^1 7^1$	1	.	.	.	.	.	1	.

	φ_{163}	φ_{153}	φ_{76}	φ_{160}	φ_{140}	φ_{28}	φ_{164}	φ_{157}	φ_{40}	φ_{142}	φ_{108}	φ_{130}	φ_{38}	φ_{68}
$1^1 2^2 4^1 7^1$
$1^3 2^1 4^1 7^1$
$1^5 4^1 7^1$
$3^3 7^1$
$1^1 2^1 3^2 7^1$
$1^3 3^2 7^1$
$2^3 3^1 7^1$
$1^2 2^2 3^1 7^1$
$1^4 2^1 3^1 7^1$
$1^6 3^1 7^1$
$1^1 2^4 7^1$
$1^3 2^3 7^1$
$1^5 2^2 7^1$
$1^7 2^1 7^1$
$1^9 7^1$
$4^1 6^2$
$1^1 3^1 6^2$
$2^2 6^2$
$1^2 2^1 6^2$
$1^4 6^2$
$5^2 6^1$
$1^1 4^1 5^1 6^1$
$2^1 3^1 5^1 6^1$
$1^2 3^1 5^1 6^1$
$1^1 2^2 5^1 6^1$
$1^3 2^1 5^1 6^1$
$1^5 5^1 6^1$
$2^1 4^2 6^1$
$1^2 4^2 6^1$
$3^2 4^1 6^1$
$1^1 2^1 3^1 4^1 6^1$
$1^3 3^1 4^1 6^1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$2^3 4^1 6^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1^2 2^2 4^1 6^1$.	.	1	.	.	.	.	.	.	.	.	.	.	.
$1^4 2^1 4^1 6^1$.	.	.	1	.	.	.	.	.	.	.	.	.	.
$1^6 4^1 6^1$.	.	1	.	.	.	.	.	.	.	.	.	.	.
$1^1 3^3 6^1$	1	.	.	.	.	.	.	.	.	.
$2^2 3^2 6^1$	1	.	.	.	.	.	.	.	.
$1^2 2^1 3^2 6^1$	1	.	.	.	.	.	.	.
$1^4 3^2 6^1$	1	.	.	.	.	.	.

	φ_{104}	φ_{128}	φ_{22}	φ_{132}	φ_{30}	φ_{90}	φ_{74}	φ_{82}	φ_{158}	φ_{114}	φ_2	φ_4	φ_{124}	φ_{134}
$1^1 2^3 3^1 6^1$
$1^3 2^2 3^1 6^1$
$1^5 2^1 3^1 6^1$
$1^7 3^1 6^1$
$2^5 6^1$
$1^2 2^4 6^1$
$1^4 2^3 6^1$
$1^6 2^2 6^1$
$1^8 2^1 6^1$
$1^{10} 6^1$
$1^1 5^3$
$2^1 4^1 5^2$
$1^2 4^1 5^2$
$3^2 5^2$
$1^1 2^1 3^1 5^2$
$1^3 3^1 5^2$
$2^3 5^2$
$1^2 2^2 5^2$
$1^4 2^1 5^2$
$1^6 5^2$
$3^1 4^2 5^1$
$1^1 2^1 4^2 5^1$
$1^3 4^2 5^1$
$1^1 3^2 4^1 5^1$
$2^2 3^1 4^1 5^1$
$1^2 2^1 3^1 4^1 5^1$
$1^4 3^1 4^1 5^1$
$1^1 2^3 4^1 5^1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$1^3 2^2 4^1 5^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1^5 2^1 4^1 5^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1^7 4^1 5^1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$2^1 3^3 5^1$.	.	1	.	.	.	.	.	.	.	.	.	.	.
$1^2 3^3 5^1$.	.	.	1	.	.	.	.	.	.	.	.	.	.
$1^1 2^2 3^2 5^1$	1	.	.	.	.	.	.	.	.	.
$1^3 2^1 3^2 5^1$.	.	.	1	.	1	.	.	.	.	.	.	.	.
$1^5 3^2 5^1$	1	.	.	.	.	.	.	.	.
$2^4 3^1 5^1$	1	.	.	.	.	.	.	.
$1^2 2^3 3^1 5^1$.	1	1	.	.	.	.	1	.	.	.	.	.	.
$1^4 2^2 3^1 5^1$	1	.	.	.	.	.
$1^6 2^1 3^1 5^1$.	1	.	.	.	.	.	1	.	.	.	.	.	.

	φ_{48}	φ_8	φ_6	φ_{162}	φ_{94}	φ_{64}	φ_{78}	φ_{126}	φ_{12}	φ_{16}	φ_{10}	φ_{54}	φ_{46}	φ_{149}
$1^8 3^1 5^1$
$1^1 2^5 5^1$
$1^3 2^4 5^1$
$1^5 2^3 5^1$
$1^7 2^2 5^1$
$1^9 2^1 5^1$
$1^{11} 5^1$
4^4
$1^1 3^1 4^3$
$2^2 4^3$
$1^2 2^1 4^3$
$1^4 4^3$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$2^1 3^2 4^2$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1^2 3^2 4^2$.	.	1	.	.	.	.	.	.	.	.	.	.	.
$1^1 2^2 3^1 4^2$.	.	.	1	.	.	.	.	.	.	.	.	.	.
$1^3 2^1 3^1 4^2$.	.	1	.	1	.	.	.	.	.	.	.	.	.
$1^5 3^1 4^2$	1	.	.	.	.	.	.	.	.	.
$2^4 4^2$	1	.	.	.	.	.	.	.	.
$1^2 2^3 4^2$.	1	.	.	.	.	1	.	.	.	.	.	.	.
$1^4 2^2 4^2$	1	.	.	.	.	.	.
$1^6 2^1 4^2$	1	.	.	.	.	.	.	.
$1^8 4^2$	1	.	.	.	.	.	.	.	.
$3^4 4^1$	1	.	.	.	.	.
$1^1 2^1 3^3 4^1$.	.	1	.	.	.	.	.	.	1	.	.	.	.
$1^3 3^3 4^1$	1	.	.	.
$2^3 3^2 4^1$	1	.	.
$1^2 2^2 3^2 4^1$.	.	1	.	1	.	.	.	.	1	.	.	1	.
$1^4 2^1 3^2 4^1$	1
$1^6 3^2 4^1$	1	.	.	.	.	.	.	.	1	.
$1^1 2^4 3^1 4^1$
$1^3 2^3 3^1 4^1$	1	1	.	.	.	.	.
$1^5 2^2 3^1 4^1$	1	.	.	.	.	.	.
$1^7 2^1 3^1 4^1$
$1^9 3^1 4^1$	1	.	.
$2^6 4^1$	1	.
$1^2 2^5 4^1$
$1^4 2^4 4^1$
$1^6 2^3 4^1$	1	.	.	.	.	.
$1^8 2^2 4^1$	1	.	.	1	.
$1^{10} 2^1 4^1$	1	.	.	.	.

	φ_{104}	φ_{128}	φ_{22}	φ_{132}	φ_{30}	φ_{90}	φ_{74}	φ_{82}	φ_{158}	φ_{114}	φ_2	φ_4	φ_{124}	φ_{134}
$1^{12}4^1$
1^13^5
2^23^4
$1^22^13^4$
1^43^4	1	.	.	.	.	.	.	.	.
$1^12^33^3$
$1^32^23^3$
$1^52^13^3$	1	.	.	.	.
1^73^3
2^53^2
$1^22^43^2$
$1^42^33^2$
$1^62^23^2$	1	.	.
$1^82^13^2$
$1^{10}3^2$
$1^12^63^1$
$1^32^53^1$
$1^52^43^1$
$1^72^33^1$	1	.	.	.	.
$1^92^23^1$
$1^{11}2^13^1$
$1^{13}3^1$
2^8
1^22^7
1^42^6
1^62^5
1^82^4
$1^{10}2^3$
$1^{12}2^2$	1	.	.	.
$1^{14}2^1$	1	.	.
1^{16}	1	.	.	.

