

	φ_{63}	φ_{26}	φ_{13}	φ_{38}	φ_{79}	φ_{73}	φ_{44}	φ_{112}	φ_{77}	φ_{67}	φ_{100}	φ_{116}	φ_{54}	φ_{89}
14^1
$1^1 13^1$
$2^1 12^1$
$1^2 12^1$
$3^1 11^1$
$1^1 2^1 11^1$
$1^3 11^1$
$4^1 10^1$
$1^1 3^1 10^1$
$2^2 10^1$
$1^2 2^1 10^1$
$1^4 10^1$
$5^1 9^1$
$1^1 4^1 9^1$
$2^1 3^1 9^1$
$1^2 3^1 9^1$
$1^1 2^2 9^1$
$1^3 2^1 9^1$
$1^5 9^1$
$6^1 8^1$
$1^1 5^1 8^1$
$2^1 4^1 8^1$
$1^2 4^1 8^1$
$3^2 8^1$
$1^1 2^1 3^1 8^1$
$1^3 3^1 8^1$
$2^3 8^1$
$1^2 2^2 8^1$
$1^4 2^1 8^1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$1^6 8^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
7^2	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$1^1 6^1 7^1$.	.	1	1	.	.	.	.	.	.	.	.	.	.
$2^1 5^1 7^1$	1	.	.	.	.	.	.	.	.	.
$1^2 5^1 7^1$.	.	.	1	.	1	.	.	.	.	.	.	.	.
$3^1 4^1 7^1$	1	.	.	.	.	.	.	.
$1^1 2^1 4^1 7^1$	1	.	.	.	.	.	.
$1^3 4^1 7^1$	1	.	.	1	.	.	.	.	.
$1^1 3^2 7^1$	1	.	.	.	.
$2^2 3^1 7^1$	1	.	.	.
$1^2 2^1 3^1 7^1$	1	.	.

	φ_{49}	φ_4	φ_{18}	φ_{31}	φ_8	φ_{12}	φ_{20}
14^1
$1^1 13^1$
$2^1 12^1$
$1^2 12^1$
$3^1 11^1$
$1^1 2^1 11^1$
$1^3 11^1$
$4^1 10^1$
$1^1 3^1 10^1$
$2^2 10^1$
$1^2 2^1 10^1$
$1^4 10^1$
$5^1 9^1$
$1^1 4^1 9^1$
$2^1 3^1 9^1$
$1^2 3^1 9^1$
$1^1 2^2 9^1$
$1^3 2^1 9^1$
$1^5 9^1$
$6^1 8^1$
$1^1 5^1 8^1$
$2^1 4^1 8^1$
$1^2 4^1 8^1$
$3^2 8^1$
$1^1 2^1 3^1 8^1$
$1^3 3^1 8^1$
$2^3 8^1$
$1^2 2^2 8^1$
$1^4 2^1 8^1$
$1^6 8^1$
7^2
$1^1 6^1 7^1$
$2^1 5^1 7^1$
$1^2 5^1 7^1$
$3^1 4^1 7^1$
$1^1 2^1 4^1 7^1$
$1^3 4^1 7^1$
$1^1 3^2 7^1$
$2^2 3^1 7^1$
$1^2 2^1 3^1 7^1$

	φ_{109}	φ_{88}	φ_{119}	φ_{90}	φ_{43}	φ_{98}	φ_{70}	φ_{106}	φ_{74}	φ_{117}	φ_{83}	φ_{96}	φ_{10}	φ_{41}
$1^4 3^1 7^1$
$1^1 2^3 7^1$
$1^3 2^2 7^1$
$1^5 2^1 7^1$
$1^7 7^1$
$2^1 6^2$
$1^2 6^2$
$3^1 5^1 6^1$
$1^1 2^1 5^1 6^1$
$1^3 5^1 6^1$
$4^2 6^1$
$1^1 3^1 4^1 6^1$
$2^2 4^1 6^1$
$1^2 2^1 4^1 6^1$
$1^4 4^1 6^1$
$2^1 3^2 6^1$
$1^2 3^2 6^1$
$1^1 2^2 3^1 6^1$
$1^3 2^1 3^1 6^1$
$1^5 3^1 6^1$
$2^4 6^1$
$1^2 2^3 6^1$
$1^4 2^2 6^1$
$1^6 2^1 6^1$
$1^8 6^1$
$4^1 5^2$
$1^1 3^1 5^2$
$2^2 5^2$
$1^2 2^1 5^2$
$1^4 5^2$
$1^1 4^2 5^1$
$2^1 3^1 4^1 5^1$
$1^2 3^1 4^1 5^1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$1^1 2^2 4^1 5^1$.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1^3 2^1 4^1 5^1$.	.	1	.	.	.	.	.	.	.	.	.	.	.
$1^5 4^1 5^1$.	.	.	1	.	.	.	.	.	.	.	.	.	.
$3^3 5^1$	1	.	.	.	.	.	.	.	.	.
$1^1 2^1 3^2 5^1$	1	.	.	.	.	.	.	.	.
$1^3 3^2 5^1$	1	.	.	.	.	.	1	.	.	.	.	.	.	.
$2^3 3^1 5^1$	1	.	.	.	.	.	.

	φ_{49}	φ_4	φ_{18}	φ_{31}	φ_8	φ_{12}	φ_{20}
$1^4 3^1 7^1$
$1^1 2^3 7^1$
$1^3 2^2 7^1$
$1^5 2^1 7^1$
$1^7 7^1$
$2^1 6^2$
$1^2 6^2$
$3^1 5^1 6^1$
$1^1 2^1 5^1 6^1$
$1^3 5^1 6^1$
$4^2 6^1$
$1^1 3^1 4^1 6^1$
$2^2 4^1 6^1$
$1^2 2^1 4^1 6^1$
$1^4 4^1 6^1$
$2^1 3^2 6^1$
$1^2 3^2 6^1$
$1^1 2^2 3^1 6^1$
$1^3 2^1 3^1 6^1$
$1^5 3^1 6^1$
$2^4 6^1$
$1^2 2^3 6^1$
$1^4 2^2 6^1$
$1^6 2^1 6^1$
$1^8 6^1$
$4^1 5^2$
$1^1 3^1 5^2$
$2^2 5^2$
$1^2 2^1 5^2$
$1^4 5^2$
$1^1 4^2 5^1$
$2^1 3^1 4^1 5^1$
$1^2 3^1 4^1 5^1$
$1^1 2^2 4^1 5^1$
$1^3 2^1 4^1 5^1$
$1^5 4^1 5^1$
$3^3 5^1$
$1^1 2^1 3^2 5^1$
$1^3 3^2 5^1$
$2^3 3^1 5^1$

	φ_{49}	φ_4	φ_{18}	φ_{31}	φ_8	φ_{12}	φ_{20}
$1^2 2^2 3^1 5^1$
$1^4 2^1 3^1 5^1$
$1^6 3^1 5^1$
$1^1 2^4 5^1$
$1^3 2^3 5^1$
$1^5 2^2 5^1$
$1^7 2^1 5^1$
$1^9 5^1$
$2^1 4^3$
$1^2 4^3$
$3^2 4^2$
$1^1 2^1 3^1 4^2$
$1^3 3^1 4^2$
$2^3 4^2$
$1^2 2^2 4^2$
$1^4 2^1 4^2$
$1^6 4^2$
$1^1 3^3 4^1$
$2^2 3^2 4^1$
$1^2 2^1 3^2 4^1$
$1^4 3^2 4^1$
$1^1 2^3 3^1 4^1$
$1^3 2^2 3^1 4^1$
$1^5 2^1 3^1 4^1$
$1^7 3^1 4^1$
$2^5 4^1$
$1^2 2^4 4^1$
$1^4 2^3 4^1$
$1^6 2^2 4^1$
$1^8 2^1 4^1$
$1^{10} 4^1$
$2^1 3^4$
$1^2 3^4$
$1^1 2^2 3^3$
$1^3 2^1 3^3$
$1^5 3^3$
$2^4 3^2$
$1^2 2^3 3^2$
$1^4 2^2 3^2$
$1^6 2^1 3^2$	1	.	.	.	.	.	.

	φ_{45}	φ_{68}	φ_{53}	φ_{111}	φ_{107}	φ_{14}	φ_{114}	φ_{101}	φ_{62}	φ_{95}	φ_{27}	φ_{76}	φ_{86}	φ_{39}
$1^8 3^2$
$1^1 2^5 3^1$	1	.	.	.	.	.	.	.	1
$1^3 2^4 3^1$
$1^5 2^3 3^1$
$1^7 2^2 3^1$
$1^9 2^1 3^1$
$1^{11} 3^1$
2^7	1	.	.	.	.	.	.	.	.
$1^2 2^6$	1	.	.	.
$1^4 2^5$
$1^6 2^4$
$1^8 2^3$
$1^{10} 2^2$
$1^{12} 2^1$
1^{14}

	φ_{115}	φ_{51}	φ_{58}	φ_6	φ_{33}	φ_{60}	φ_{22}	φ_{37}	φ_{47}	φ_{72}	φ_{59}	φ_2	φ_{84}	φ_{29}
$1^8 3^2$	1
$1^1 2^5 3^1$.	.	.	1	.	.	.	.	.	.	.	1	.	.
$1^3 2^4 3^1$	1	.	.	.	.	.
$1^5 2^3 3^1$	1	.	.	.	.	.	.
$1^7 2^2 3^1$
$1^9 2^1 3^1$
$1^{11} 3^1$.	.	.	1	.	.	.	.	.	.	.	.	.	.
2^7
$1^2 2^6$
$1^4 2^5$	1	.	.	.	.	.	.	.
$1^6 2^4$
$1^8 2^3$
$1^{10} 2^2$
$1^{12} 2^1$	1	.	.
1^{14}	1	.	.

	φ_{49}	φ_4	φ_{18}	φ_{31}	φ_8	φ_{12}	φ_{20}
$1^8 3^2$
$1^1 2^5 3^1$.	1	.	.	.	.	.
$1^3 2^4 3^1$.	.	1	.	.	.	.
$1^5 2^3 3^1$.	.	.	1	.	.	.
$1^7 2^2 3^1$.	.	.	1	.	.	.
$1^9 2^1 3^1$.	.	1	.	.	.	.
$1^{11} 3^1$.	1	.	.	.	.	.
2^7	.	1	.	.	.	.	.
$1^2 2^6$	1	.	.
$1^4 2^5$	1	.
$1^6 2^4$	1
$1^8 2^3$	1	.
$1^{10} 2^2$	1	.	.
$1^{12} 2^1$.	1	.	.	.	.	.
1^{14}