

The group G is isomorphic to the group labelled by [98, 4] in the Small Groups library.
Ordinary character table of $G \cong (C7 \times C7) : C2$:

	$1a$	$7a$	$7b$	$7c$	$2a$	$7d$	$7e$	$7f$	$7g$	$7h$	$7i$	$7j$	$7k$	$7l$	$7m$	$7n$	$7o$	$7p$	$7q$	$7r$	$7s$	$7t$	$7u$	$7v$	$7w$	$7x$	
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
χ_2	1	1	1	1	-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
χ_3	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	0	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$
χ_4	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	0	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$
χ_5	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	0	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$
χ_6	2	2	2	2	0	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$
χ_7	2	2	2	2	0	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$
χ_8	2	2	2	2	0	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$
χ_9	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	0	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$
χ_{10}	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	0	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$
χ_{11}	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	0	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$
χ_{12}	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	0	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$
χ_{13}	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	0	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$
χ_{14}	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	0	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$
χ_{15}	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	0	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$
χ_{16}	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	0	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$
χ_{17}	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	0	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7) + E(7)^6$
χ_{18}	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	0	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	2	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$
χ_{19}	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	0	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	2	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$
χ_{20}	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	0	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$
χ_{21}	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	0	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	2	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$
χ_{22}	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	0	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2
χ_{23}	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	0	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$
χ_{24}	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	0	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	2	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$
χ_{25}	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	0	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	2	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$
χ_{26}	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	0	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7) + E(7)^6$	2	$E(7) + E(7)^6$	$E(7)^2 + E(7)^5$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$

[illegible]

$$\begin{aligned} P_1 &= \text{Group}(\{()\}) \cong 1 \\ P_2 &= \text{Group}(\{(1, 4, 7, 3, 6, 2, 5)\}) \cong C7 \\ P_3 &= \text{Group}(\{(8, 11, 14, 10, 13, 9, 12)\}) \cong C7 \\ P_4 &= \text{Group}(\{(1, 4, 7, 3, 6, 2, 5)(8, 11, 14, 10, 13, 9, 12)\}) \cong C7 \\ P_5 &= \text{Group}(\{(1, 4, 7, 3, 6, 2, 5)(8, 14, 13, 12, 11, 10, 9)\}) \cong C7 \\ P_6 &= \text{Group}(\{(1, 4, 7, 3, 6, 2, 5)(8, 10, 12, 14, 9, 11, 13)\}) \cong C7 \\ P_7 &= \text{Group}(\{(1, 4, 7, 3, 6, 2, 5)(8, 13, 11, 9, 14, 12, 10)\}) \cong C7 \\ P_8 &= \text{Group}(\{(1, 4, 7, 3, 6, 2, 5)(8, 9, 10, 11, 12, 13, 14)\}) \cong C7 \\ P_9 &= \text{Group}(\{(1, 4, 7, 3, 6, 2, 5)(8, 12, 9, 13, 10, 14, 11)\}) \cong C7 \\ P_{10} &= \text{Group}(\{(1, 4, 7, 3, 6, 2, 5), (8, 11, 14, 10, 13, 9, 12)\}) \cong C7 \times C7 \end{aligned}$$

$$\begin{aligned}
N_1 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong C7 \times C7 : C2 \\
N_2 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong C7 \times C7 : C2 \\
N_3 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong (C7 \times C7) : C2 \\
N_4 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong C7 \times C7 : C2 \\
N_5 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong C7 \times C7 : C2 \\
N_6 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong (C7 \times C7) : C2 \\
N_7 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong C7 \times C7 : C2 \\
N_8 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong C7 \times C7 : C2 \\
N_9 &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong C7 \times C7 : C2 \\
N_{10} &= Group([(2, 7)(3, 6)(4, 5)(9, 14)(10, 13)(11, 12), (1, 2, 3, 4, 5, 6, 7), (8, 9, 10, 11, 12, 13, 14)]) \cong (C7 \times C7) : C2
\end{aligned}$$