

The group G is isomorphic to the group labelled by [60, 12] in the Small Groups library.
 Ordinary character table of $G \cong \text{D60}$:

	1a	2a	2b	3a	5a	2c	6a	10a	15a	5b	30a	10b	15b	15c	30b	30c	15d	30d
χ_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
χ_3	1	-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_4	1	1	-1	1	1	-1	-1	-1	1	1	-1	-1	1	1	-1	-1	1	-1
χ_5	2	0	2	-1	2	0	-1	2	-1	2	-1	2	-1	-1	-1	-1	-1	-1
χ_6	2	0	-2	-1	2	0	1	-2	-1	2	1	-2	-1	-1	1	1	-1	1
χ_7	2	0	-2	2	$E(5)^2 + E(5)^3$	0	-2	$-E(5)^2 - E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^4$	$E(5) + E(5)^4$	$-E(5) - E(5)^4$
χ_8	2	0	-2	2	$E(5) + E(5)^4$	0	-2	$-E(5) - E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$-E(5) - E(5)^4$	$-E(5)^2 - E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$-E(5) - E(5)^4$	$-E(5)^2 - E(5)^3$	$E(5) + E(5)^4$	$-E(5) - E(5)^4$
χ_9	2	0	2	2	$E(5)^2 + E(5)^3$	0	2	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5) + E(5)^4$
χ_{10}	2	0	2	2	$E(5) + E(5)^4$	0	2	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$
χ_{11}	2	0	-2	-1	$E(5)^2 + E(5)^3$	0	1	$-E(5)^2 - E(5)^3$	$E(15)^4 + E(15)^{11}$	$E(5) + E(5)^4$	$-E(15)^4 - E(15)^{11}$	$-E(5) - E(5)^4$	$E(15) + E(15)^{14}$	$E(15)^2 + E(15)^{13}$	$-E(15) - E(15)^{14}$	$-E(15)^2 - E(15)^{13}$	$E(15)^7 + E(15)^8$	$-E(15)^7 - E(15)^8$
χ_{12}	2	0	-2	-1	$E(5)^2 + E(5)^3$	0	1	$-E(5)^2 - E(5)^3$	$E(15) + E(15)^{14}$	$E(5) + E(5)^4$	$-E(15) - E(15)^{14}$	$-E(5) - E(5)^4$	$E(15)^4 + E(15)^{11}$	$E(15)^7 + E(15)^8$	$-E(15)^4 - E(15)^{11}$	$-E(15)^7 - E(15)^8$	$E(15)^2 + E(15)^{13}$	$-E(15)^2 - E(15)^{13}$
χ_{13}	2	0	-2	-1	$E(5) + E(5)^4$	0	1	$-E(5) - E(5)^4$	$E(15)^7 + E(15)^8$	$E(5)^2 + E(5)^3$	$-E(15)^7 - E(15)^8$	$-E(5)^2 - E(5)^3$	$E(15)^2 + E(15)^{13}$	$E(15)^4 + E(15)^{11}$	$-E(15)^2 - E(15)^{13}$	$-E(15)^4 - E(15)^{11}$	$E(15) + E(15)^{14}$	$-E(15) - E(15)^{14}$
χ_{14}	2	0	-2	-1	$E(5) + E(5)^4$	0	1	$-E(5) - E(5)^4$	$E(15)^2 + E(15)^{13}$	$E(5)^2 + E(5)^3$	$-E(15)^2 - E(15)^{13}$	$-E(5)^2 - E(5)^3$	$E(15)^7 + E(15)^8$	$E(15) + E(15)^{14}$	$-E(15)^7 - E(15)^8$	$-E(15) - E(15)^{14}$	$E(15)^4 + E(15)^{11}$	$-E(15)^4 - E(15)^{11}$
χ_{15}	2	0	2	-1	$E(5)^2 + E(5)^3$	0	-1	$E(5)^2 + E(5)^3$	$E(15)^4 + E(15)^{11}$	$E(5) + E(5)^4$	$E(15)^4 + E(15)^{11}$	$E(5) + E(5)^4$	$E(15) + E(15)^{14}$	$E(15)^2 + E(15)^{13}$	$-E(15)^4 - E(15)^{11}$	$-E(15)^2 - E(15)^{13}$	$E(15)^7 + E(15)^8$	$-E(15)^7 - E(15)^8$
χ_{16}	2	0	2	-1	$E(5)^2 + E(5)^3$	0	-1	$E(5)^2 + E(5)^3$	$E(15) + E(15)^{14}$	$E(5) + E(5)^4$	$E(15) + E(15)^{14}$	$E(5) + E(5)^4$	$E(15)^4 + E(15)^{11}$	$E(15)^7 + E(15)^8$	$E(15)^4 + E(15)^{11}$	$E(15)^7 + E(15)^8$	$E(15)^2 + E(15)^{13}$	$-E(15)^2 - E(15)^{13}$
χ_{17}	2	0	2	-1	$E(5) + E(5)^4$	0	-1	$E(5) + E(5)^4$	$E(15)^7 + E(15)^8$	$E(5)^2 + E(5)^3$	$E(15)^7 + E(15)^8$	$E(5)^2 + E(5)^3$	$E(15)^2 + E(15)^{13}$	$E(15)^4 + E(15)^{11}$	$E(15)^2 + E(15)^{13}$	$E(15)^4 + E(15)^{11}$	$E(15) + E(15)^{14}$	$-E(15) - E(15)^{14}$
χ_{18}	2	0	2	-1	$E(5) + E(5)^4$	0	-1	$E(5) + E(5)^4$	$E(15)^2 + E(15)^{13}$	$E(5)^2 + E(5)^3$	$E(15)^2 + E(15)^{13}$	$E(5)^2 + E(5)^3$	$E(15)^7 + E(15)^8$	$E(15) + E(15)^{14}$	$E(15)^7 + E(15)^8$	$E(15) + E(15)^{14}$	$E(15)^4 + E(15)^{11}$	$-E(15)^4 - E(15)^{11}$

Trivial source character table of $G \cong \text{D60}$ at $p = 5$:

Normalisers N_i	N_1						N_2					
	P_1						P_2					
p -subgroups of G up to conjugacy in G	1a	2a	2b	3a	2c	6a	1a	2b	2a	3a	2c	6a
Representatives $n_j \in N_i$												
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	5	-1	5	5	-1	5	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	5	1	5	5	1	5	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	5	-1	-5	5	1	-5	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	5	1	-5	5	-1	-5	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18}$	10	0	10	-5	0	-5	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	10	0	-10	-5	0	5	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	1	1	1	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	-1	1	1	-1	1	1	1	-1	1	-1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	1	-1	1	-1	-1	1	-1	1	1	-1	-1
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	-1	-1	1	1	-1	1	-1	-1	1	1	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2	0	2	-1	0	-1	2	2	0	-1	0	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2	0	-2	-1	0	1	2	-2	0	-1	0	1

$P_1 = \text{Group}(\{()\}) \cong 1$
 $P_2 = \text{Group}(\{(1, 24, 5, 36, 13)(2, 30, 8, 42, 18)(3, 33, 10, 45, 21)(4, 35, 12, 47, 23)(6, 39, 15, 50, 27)(7, 41, 17, 52, 29)(9, 44, 20, 54, 32)(11, 46, 22, 55, 34)(14, 49, 26, 57, 38)(16, 51, 28, 58, 40)(19, 53, 31, 59, 43)(25, 56, 37, 60, 48)\}) \cong \text{C5}$

$N_1 = \text{Group}(\{(1, 2)(3, 6)(4, 16)(5, 42)(7, 11)(8, 36)(9, 25)(10, 50)(12, 58)(13, 30)(14, 19)(15, 45)(17, 55)(18, 24)(20, 60)(21, 39)(22, 52)(23, 51)(26, 59)(27, 33)(28, 47)(29, 46)(31, 57)(32, 56)(34, 41)(35, 40)(37, 54)(38, 53)(43, 49)(44, 48), (1, 3)(2, 6)(4, 9)(5, 10)(7, 14)(8, 15)(11, 19)(12, 20)(13, 21)(16, 25)(17, 26)(18, 27)(22, 31)(23, 32)(24, 33)(28, 37)(29, 38)(30, 39)(34, 43)(35, 44)(36, 45)(40, 48)(41, 49)(42, 50)(46, 53)(47, 54)(51, 56)(52, 57)(55, 59)(58, 60), (1, 4, 11)(2, 7, 16)(3, 9, 19)(5, 12, 22)(6, 14, 25)(8, 17, 28)(10, 20, 31)(13, 23, 34)(15, 26, 37)(18, 29, 40)(21, 32, 43)(24, 35, 46)(27, 38, 48)(30, 41, 51)(33, 44, 53)(36, 47, 55)(39, 49, 56)(42, 52, 58)(45, 54, 59)(50, 57, 60), (1, 5, 13, 24, 36)(2, 8, 18, 30, 42)(3, 10, 21, 33, 45)(4, 12, 23, 35, 47)(6, 15, 27, 39, 51)(7, 17, 29, 41, 53)(9, 20, 32, 44, 54)(11, 22, 34, 46, 55)(14, 26, 38, 49, 57)(16, 28, 40, 51, 58)(19, 31, 43, 53, 59)(25, 37, 48, 56, 60)\}) \cong \text{D60}$
 $N_2 = \text{Group}(\{(1, 24, 5, 36, 13)(2, 30, 8, 42, 18)(3, 33, 10, 45, 21)(4, 35, 12, 47, 23)(6, 39, 15, 50, 27)(7, 41, 17, 52, 29)(9, 44, 20, 54, 32)(11, 46, 22, 55, 34)(14, 49, 26, 57, 38)(16, 51, 28, 58, 40)(19, 53, 31, 59, 43)(25, 56, 37, 60, 48), (1, 2)(3, 6)(4, 16)(5, 42)(7, 11)(8, 36)(9, 25)(10, 50)(12, 58)(13, 30)(14, 19)(15, 45)(17, 55)(18, 24)(20, 60)(21, 39)(22, 52)(23, 51)(26, 59)(27, 33)(28, 47)(29, 46)(31, 57)(32, 56)(34, 41)(35, 40)(37, 54)(38, 53)(43, 49)(44, 48), (1, 3)(2, 6)(4, 9)(5, 10)(7, 14)(8, 15)(11, 19)(12, 20)(13, 21)(16, 25)(17, 26)(18, 27)(22, 31)(23, 32)(24, 33)(28, 37)(29, 38)(30, 39)(34, 43)(35, 44)(36, 45)(40, 48)(41, 49)(42, 50)(46, 53)(47, 54)(51, 56)(52, 57)(55, 59)(58, 60), (1, 4, 11)(2, 7, 16)(3, 9, 19)(5, 12, 22)(6, 14, 25)(8, 17, 28)(10, 20, 31)(13, 23, 34)(15, 26, 37)(18, 29, 40)(21, 32, 43)(24, 35, 46)(27, 38, 48)(30, 41, 51)(33, 44, 53)(36, 47, 55)(39, 49, 56)(42, 52, 58)(45, 54, 59)(50, 57, 60)\}) \cong \text{D60}$