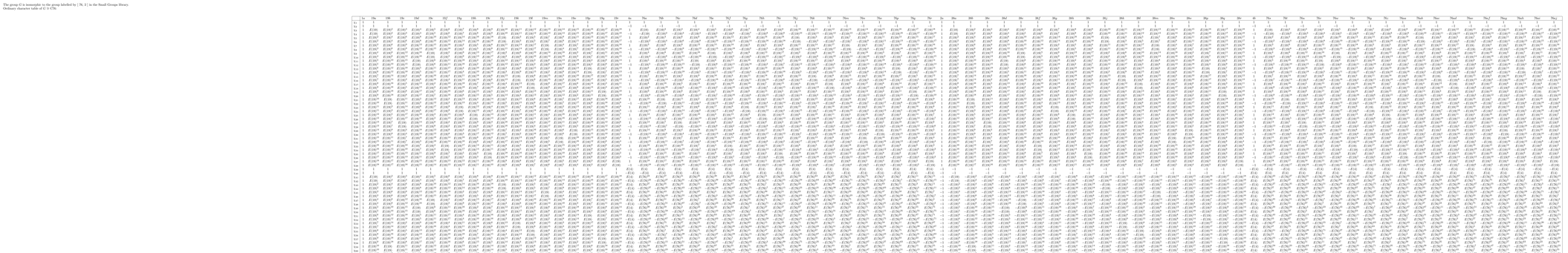
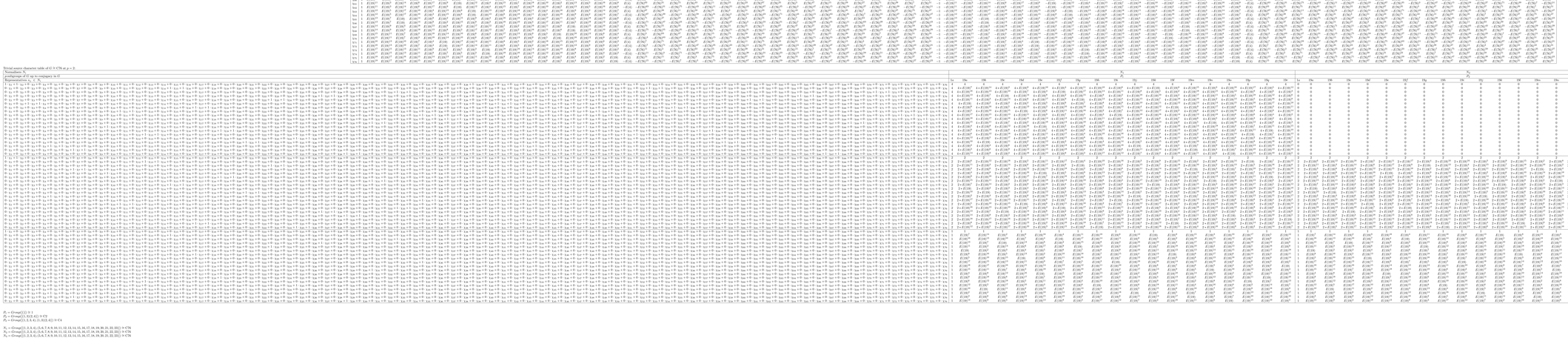
The group G is isomorphic to the group labelled by $[76, 2]$ in the Small Groups library.
Ordinary character table of $G \cong C76$:



Trivial source character table of $G \cong C76$ at $p = 2$:

Normalizers
Representatives of G up to conjugacy in G
Representatives $g_1, \ldots, g_{76}$



$P_1 = \mathrm{Group}([]) \cong 1$
$P_2 = \mathrm{Group}([1, 2, 3, 4]) \cong C2$
$P_3 = \mathrm{Group}([1, 2, 3, 4, (1, 2, 3)(2, 4)]) \cong C4$

$N_1 = \mathrm{Group}([1, 2, 3, 4, (5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23)]) \cong C76$
$N_2 = \mathrm{Group}([1, 2, 3, 4, (5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23)]) \cong C76$
$N_3 = \mathrm{Group}([1, 2, 3, 4, (5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23)]) \cong C76$