

Character table of G ≅ C13 x S3. The table has 39 rows (representing irreducible characters) and 39 columns (representing conjugacy classes). The first row is the trivial character. The table contains various powers of 13 and 3, and their products, representing the values of the characters on the different classes.

Trivial source character table of G ≅ C13 x S3 at p = 2:

Trivial source character table of G ≅ C13 x S3 at p = 2. This table shows the decomposition of the permutation characters of G into irreducible characters. The columns are labeled with the irreducible characters from the previous table, and the rows are labeled with the permutation characters corresponding to the subgroups of G up to conjugacy.

P1 = Group([0]) ≅ 1
P2 = Group([(1,2)(3,5)(4,12)(6,9)(7,10)(8,18)(11,15)(13,16)(14,24)(17,21)(19,22)(20,30)(23,27)(25,28)(26,36)(29,33)(31,34)(32,42)(35,39)(37,40)(38,48)(41,45)(43,46)(44,54)(47,51)(49,52)(50,60)(53,57)(55,58)(56,66)(59,63)(61,64)(62,72)(65,69)(67,70)(68,76)(71,74)(73,78)(75,77)]) ≅ C2

N1 = Group([(1,2)(3,5)(4,12)(6,9)(7,10)(8,18)(11,15)(13,16)(14,24)(17,21)(19,22)(20,30)(23,27)(25,28)(26,36)(29,33)(31,34)(32,42)(35,39)(37,40)(38,48)(41,45)(43,46)(44,54)(47,51)(49,52)(50,60)(53,57)(55,58)(56,66)(59,63)(61,64)(62,72)(65,69)(67,70)(68,76)(71,74)(73,78)(75,77),(1,3,7,13,19,25,31,37,43,49,55,61,67)(2,5,10,16,22,28,34,40,46,52,58,64,70)(4,8,14,20,26,32,38,44,50,56,62,68,74)(6,11,17,23,29,35,41,47,53,59,65,71,75)(9,15,21,27,33,39,45,51,57,63,69,77)(12,18,24,30,36,42,48,54,60,66,72,76,78),(1,4,9)(2,6,12)(3,8,15)(5,11,18)(7,14,21)(10,17,24)(13,20,27)(16,23,30)(19,26,33)(22,29,36)(25,32,39)(28,35,42)(31,38,45)(34,41,48)(37,44,51)(40,47,54)(43,50,57)(46,53,60)(49,56,63)(52,59,66)(55,62,69)(58,65,72)(61,68,74)(64,71,76)(67,73,77)(70,75,78)]) ≅ C13 x S3
N2 = Group([(1,2)(3,5)(4,12)(6,9)(7,10)(8,18)(11,15)(13,16)(14,24)(17,21)(19,22)(20,30)(23,27)(25,28)(26,36)(29,33)(31,34)(32,42)(35,39)(37,40)(38,48)(41,45)(43,46)(44,54)(47,51)(49,52)(50,60)(53,57)(55,58)(56,66)(59,63)(61,64)(62,72)(65,69)(67,70)(68,76)(71,74)(73,78)(75,77),(1,3,7,13,19,25,31,37,43,49,55,61,67)(2,5,10,16,22,28,34,40,46,52,58,64,70)(4,8,14,20,26,32,38,44,50,56,62,68,74)(6,11,17,23,29,35,41,47,53,59,65,71,75)(9,15,21,27,33,39,45,51,57,63,69,77)(12,18,24,30,36,42,48,54,60,66,72,76,78)]) ≅ C26