

Publicationes Mathematicae Debrecen **Year: 2023** **Vol.: 103** **Fasc.: 1-2**

Title: Finite groups with few non-isolated subgroups

Author(s): Marius Tărnăuceanu

Given a finite group G , we denote by $L(G)$ the subgroup lattice of G , and by $\text{Isolated}(G)$ the set of isolated subgroups of G . In this note, we describe finite groups G such that $|\text{Isolated}(G)| = |L(G)| - k$, where $k = 0, 1, 2$.

Address:

Marius Tărnăuceanu
Faculty of Mathematics
“Al.I. Cuza” University
Bd. Carol I, no. 11
Iași - 700506
Romania