

Year: 2020

Vol.: 96

Fasc.: 3-4

Title: Finite groups whose conjugacy class sizes of primary and biprimary elements are Hall numbers

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Let G be a finite group, and m be a positive integer. Then m is called a Hall number of G if m is a positive divisor of $|G|$ satisfying $\gcd(|G|/m, m) = 1$. In this paper, we classify finite groups whose conjugacy class sizes of primary and biprimary elements are Hall numbers.

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