

Conjugacy class numbers and p -supersolvability of finite groups

By SHUQIN DONG (Huaian), HONGFEI PAN (Huaian) and HUAQUAN WEI (Nanning)

Abstract. Let $k(G)$ be the number of conjugacy classes of a finite group G . In this paper, we prove that G is p -supersolvable if $|G|/k(G)$ is less than $9p^2/(p^2 + 8)$.

SHUQIN DONG &
HONGFEI PAN
SCHOOL OF MATHEMATICS
AND STATISTICS
HUAIYIN NORMAL UNIVERSITY
223300 HUAIAN
P. R. CHINA

HUAQUAN WEI
COLLEGE OF MATHEMATICS
AND INFORMATION SCIENCES
GUANGXI UNIVERSITY
NANNING, GUANGXI, 530004
P. R. CHINA

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