Year: 2011 Vol.: 79 Fasc.: 1-2

Title: On local semi CAP-subgroups of finite groups

Author(s): Xiuyun Guo, Jianjun Liu and Qianlu Li

A subgroup H of a finite group G is said to have the semi cover-avoiding property in G if there is a normal series of G such that H covers or avoids every normal factor of the series. In this paper we analyze how certain properties of semi cover-avoiding subgroups influence the structure of groups.

Address:

Xiuyun Guo Department of Mathematics Shanghai University Shanghai 200444 P.R. China

Address:

Jianjun Liu Department of Mathematics Shanghai University Shanghai 200444 P.R. China

Address:

Qianlu Li Department of Mathematics Shanxi Datong University Datong, Shanxi 037009 P.R. China