

## عنوان مقاله:

Supersoluble conditions and transfer control

## محل انتشار:

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## خلاصه مقاله:

In this paper we give a new condition for a Sylow  $p$ -subgroup of a finite group to control transfer. Then it is deduced a characterization of supersoluble groups that can be seen as a generalization of the well known result concerning the supersolubility of finite groups with cyclic Sylow subgroups. Moreover a condition for a normal embedding of a strongly closed  $p$ -subgroup is given. These results make use of the properties of  $G$ -chains and  $\Phi$ -chains.

## کلمات کلیدی:

transfer control, normal  $p$ -complement, supersoluble groups, strongly closed subgroup

## لینک ثابت مقاله در پایگاه سیویلیکا:

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