

# FINITE GROUPS WITH ARITHMETICAL RESTRICTIONS TO THEIR MAXIMAL SUBGROUPS

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In the group theory, "arithmetical" properties of a group  $G$  are the properties which are defined by some arithmetical parameters of  $G$ .

Such invariants of a group  $G$  as sets of composition and chief factors of  $G$  with details of action of  $G$  on its chief factors are called the "normal structure" of  $G$ .

In the present talk we will discuss the normal structure of a finite group with respect to some arithmetical restrictions to its maximal subgroups.

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