# On groups with some subgroups subnormal

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## Abstract

In this paper the following results are proved:

(i) Let $G$ be a locally nilpotent torsion-free group and $F$ be a finitely generated subgroup of $G$. If every non-hypercentral subgroup containig $F$ is subnormal in $G$, then $G$ is a hypercentral group.

(ii) Let $G$ be a periodic residually finite Fitting group and every proper subgroup of $G$ either is hypercentral or has trivial center. Let $F$ be a finitiely generated subgroup of $G$. If every non-hypercentral subgroup containig $F$ is subnormal in $G$, then $G$ is a hypercentral group.