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Nc-P-Groups Satisfying the Normalizer Condition

of

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Mathematics

**Abstract:** Let  $G$  be a perfect locally nilpotent  $p$ -group in which every proper subgroup is nilpotent-by-Chernikov. It is shown that in  $G/Z(G)$  every proper subgroup is a Chernikov extension of a nilpotent subgroup of finite exponent (Theorem 1). This result is then used to give a characterization of  $G$  if, in addition, it satisfies the normalizer condition (Theorem 2).

 [Keywords](#)  
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