

## عنوان مقاله:

Locally finite p-groups with all subgroups either subnormal or nilpotent-by-Chernikov

## محل انتشار:

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تعداد صفحات اصل مقاله: 7

## نویسندگان:

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## خلاصه مقاله:

We pursue further our investigation, begun in [H. Smith, Groups with all subgroups subnormal or nilpotent-by-Chernikov, Rend. Sem. Mat. Univ. Padova, ۱۲۶ (۲۰۱۱), ۲۴۵-۲۵۳] and continued in [G. Cutolo and H. Smith, Locally finite groups with all subgroups subnormal or nilpotent-by-Chernikov. Centr. Eur. J. Math., (to appear)] of groups  $G$  in which all subgroups are either subnormal or nilpotent-by-Chernikov. Denoting by  $\mathfrak{X}$  the class of all such groups, our concern here is with locally finite p-groups in the class  $\mathfrak{X}$ , where  $p$  is a prime, while an earlier article provided a reasonable classification of locally finite  $\mathfrak{X}$ -nb-groups in which all of the p-sections are nilpotent-by-Chernikov. Our main result is that if  $G$  is a Baer p-group in  $\mathfrak{X}$  then  $G$  is nilpotent-by-Chernikov.

## کلمات کلیدی:

locally finite groups, subnormal subgroups, nilpotent-by-Chernikov groups

## لینک ثابت مقاله در پایگاه سیویلیکا:

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