

Publicationes Mathematicae Debrecen **Year: 2023** **Vol.: 103** **Fasc.: 1-2**

**Title:** On finite groups in which every non-abelian subgroup is a TI-subgroup or has  $p'$ -order

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We obtain a complete characterization of the structure of a finite group  $G$  in which every non-abelian subgroup is a TI-subgroup or has  $p'$ -order for some fixed prime divisor  $p$  of  $|G|$  (that is every non-abelian subgroup of  $G$  of order divided by  $p$  is a TI-subgroup for some fixed prime divisor  $p$  of  $|G|$ ).

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