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Summary: This paper introduces the concept of a \( p \)-antiabelian group. Its aim is to investigate the properties of the \( p \)-antiabelian groups, and to show that a finite group is \( p \)-antiabelian if and only if it is \( p \)-Abelian. The proof relies on some results on \( p \)-Abelian groups.

MSC:
20D15 Finite nilpotent groups, \( p \)-groups
20D25 Special subgroups (Frattini, Fitting, etc.)

Keywords:
finite \( p \)-antiabelian groups; finite \( p \)-Abelian groups; exponents