

**O-STABLE ORDERED GROUPS***V. V. Verbovskii*

An ordered structure  $\mathcal{M}$  is said to be *o*- $\lambda$ -stable if, for every  $A \subseteq M$  with  $|A| \leq \lambda$  and every cut in  $\mathcal{M}$ , at most  $\lambda$  1-types over  $A$  are consistent with the cut. In the present article, we prove that every o-stable group is abelian. We also study definable subsets and unary functions of o-stable groups.

*Key words and phrases:* model theory, ordered group, o-stable theory, o-minimal structure (theory).

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