

**Deo, S.; Sankaran, P.; Varadarajan, K.**

*Some finiteness properties of groups and their automorphism groups.* (English)

Algebra Colloq. 7, No.4, 411-424 (2000). [ISSN 1005-3867; ISSN 0219-1733]

<http://link.springer.de/cgi/linkref?issn=1005-3867&year=2000&volume=7&page=411>

The finiteness conditions considered in this paper are Hopficity, co-Hopficity, finite co-generation, finite generation, bounded magnitude (like countability). The authors construct (countable and of continuum magnitude) Abelian groups that are Hopfian and co-Hopfian. (Corollary 3.4). Results about residual finiteness of certain quotient groups of  $\text{Aut}(G)$  are exhibited.

*H.Heineken (Würzburg)*

*AMS subject classification:* 20F28;20E36;20E26;20K30