

**Morris, Sidney A.; Pestov, Vladimir G.**

**Open subgroups of free abelian topological groups.** (English) Zbl 0802.22001  
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The authors prove that open subgroups of free Markov (Graev) abelian topological groups are free Markov (Graev) abelian topological groups. This result implies that if  $A$  is a free topological abelian group,  $B$  an open subgroup and  $X, Y$  are free topological bases for  $A$  and  $B$  respectively, then  $\dim X = \dim Y$ .

Reviewer: [M.I.Ursul \(Kishinev\)](#)

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