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On a class of locally Butler groups

Comment.Math.Univ.Carolinae 32,4 (1991) 597-600.

Abstract: A torsionfree abelian group B is called a Butler group if $Bext(B,T)=0$ for any torsion group T. It has been shown in [DHR] that under CH any countable pure subgroup of a Butler group of cardinality not exceeding $\aleph_\omega$ is again Butler. The purpose of this note is to show that this property has any Butler group which can be expressed as a smooth union $\cup_{\alpha<\mu}B_\alpha$ of pure subgroups B_α having countable typesets.

Keywords: Butler group, generalized regular subgroup
AMS Subject Classification: 20K20