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**Axiomatizability of the class of subdirectly irreducible acts over an abelian group.** (English. Russian original) Zbl 07291183

Algebra Logic 59, No. 5, 395-403 (2020); translation from Algebra Logika 59, No. 5, 582-593 (2020).

Summary: Abelian groups are described over which the class of all subdirectly irreducible acts is axiomatizable. Also some properties of subdirectly irreducible acts over Abelian groups are studied. It is proved that all connected acts over an Abelian group are subdirectly irreducible if and only if the group is totally ordered.

**MSC:**

20-XX Group theory and generalizations

**Keywords:**

axiomatizable class of algebras; act over group; subdirectly irreducible act over group

**Full Text:** DOI

**References:**


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