

A REDUCTION THEOREM FOR RING VARIETIES WHOSE SUBVARIETY LATTICE IS DISTRIBUTIVE

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Abstract

We prove a theorem (for arbitrary ring varieties and, in a stronger form, for varieties of associative rings) which basically reduces the problem of a description of varieties with distributive subvariety lattice to the case of algebras over a finite prime field.

Keywords: variety of rings, subvariety lattice, distributive lattice, torsion-bounded variety, Mal'tsev product.

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