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Congruence kernels in weakly regular varieties. (English) Zbl 0988.08002
Southeast Asian Bull. Math. 24, No. 1, 15-18 (2000).

Summary: We generalize the concept of deductive system of Hilbert algebras for the general case of algebras in a weakly regular variety and we show that congruence kernels of these algebras are just deductive systems. This concept enables us to describe congruence classes in algebras of weakly regular varieties.

MSC:

08A30 Subalgebras, congruence relations
08B05 Equational logic, Mal'tsev conditions

Cited in **1** Document

Keywords:

Gödel equivalence system; deductive system; weakly regular variety; congruence kernels

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