

Semilattice ordered algebras II - the lattice of subvarieties

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Few years ago, M. Kuřil and L. Polák described the lattice of subvarieties of the variety of semilattice-ordered semigroups by the certain closure operators on relatively free semigroup reducts.

Using the concept of power algebras we extend their results and present the lattice of subvarieties of the variety of arbitrary semilattice ordered \mathcal{V} -algebras in relation to the lattice of subvarieties of the variety \mathcal{V} . (This talk is a continuation of the talk "Semilattice ordered algebras I - free algebras").

This is a joint work with Anna Zamojska-Dzienio.

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