The equational theory of finite pseudosemilattices

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Abstract
On the set of idempotents $E(S)$ of every locally inverse semigroup $S$, there is a naturally defined binary operation. The algebras so obtained are called pseudosemilattices and they form a variety of algebras. In this presentation we will talk about two infinite sets of varieties of pseudosemilattices. We will obtain, as a consequence, some results about the equational theory of finite pseudosemilattices.