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*A finite representation of Jordan algebras*

Let  $R$  be an associative algebra. Let  $\star : R \rightarrow R$  be an involution. We study the following question: when are the Jordan algebras  $R^{(+)}$  and  $H(R, \star) = \{a \in R \mid a^\star = a\}$  finitely presented?

It is a joint work with Efim Zelmanov.