

Korepanov, A. I.

Free nonassociative supercommutative algebras. (Russian, English) [Zbl 1072.17002](#)
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A free nonassociative supercommutative algebra A on the alphabets X and Y over a field F is a factor-algebra of the free nonassociative algebra over F on the alphabet $X \amalg Y$ on the ideal generated by all identities of type $uv = -\delta vu$, here $\delta = -1$ if u, v are both odd and $\delta = 1$ otherwise. It is proved that homogeneous subalgebras of free nonassociative supercommutative algebras are free. As a consequence, it is shown that the group of automorphisms of a free nonassociative supercommutative algebras is generated by elementary automorphisms.

Reviewer: Alexander E. Guterman (Moskva)

MSC:

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Cited in 1 Document

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