## Structure and representations of Jordan and alternative superalgebras

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We will speak on recent results in the theory of representations of Jordan and alternative superalgebras. In case of Jordan superalgebras we present a classification of irreducible modules over finite dimensional simple Jordan superalgebras obtained by C. Martinez, I. Shestakov, and E. Zelmanov. For alternative superalgebras we present a classification of irreducible superbimodules obtained recently by I. Shestakov and M. Trushina.