MR1269564 (95a:17044) 17D92 17C10
Martinez, Consuelo [Martinez Lopez, Consuelo] (E-ZRGZ)
Inner derivations in a Jordan-Bernstein algebra.


For this article the works of N. Jacobson and R. D. Schafer on nonassociative algebras of finite dimension over a field are basic. The author extends previous results of himself and co-workers on the structure of those Bernstein algebras in the sense of A. Wörz-Busekros [Arch. Math. (Basel) 48 (1987), no. 5, 388–398; MR0888867 (88d:17024)] which are Jordan algebras, and thus are very close to nilpotent Jordan algebras.

These algebras have a nilpotent ideal of codimension 1: the kernel of their weight homomorphisms—a property which is used to treat the question of the existence of inner derivations.

{For the entire collection see MR1269547 (94m:17001)}

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