

MR1269564 (95a:17044) [17D92](#) [17C10](#)**Martinez, Consuelo** [[Martínez López, Consuelo](#)] (E-ZRGZ)**Inner derivations in a Jordan-Bernstein algebra.***Hadronic mechanics and nonpotential interactions, Part 1 (Cedar Falls, IA, 1990)*, 217–228, *Nova Sci. Publ., Commack, NY*, 1992.

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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