
MR1150961 (92m:17055) 17D92 17A30**Walcher, Sebastian** (D-MUTU)**On Bernstein algebras which are train algebras.***Proc. Edinburgh Math. Soc. (2)* **35** (1992), *no. 1*, 159–166.

A commutative nonassociative algebra A finite-dimensional over a field K is called a Bernstein algebra if there is a nontrivial homomorphism of algebras $w: A \rightarrow K$ and the identity $x^2x^2 - w(x)^2x^2 = 0$ holds in A .

In this nice paper, the author studies the Bernstein algebras which are train algebras. As an application, the differential equation for overlapping generations in the time-continuous model is solved. In particular, the long-term behaviour of the solutions can be determined.

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