

Eshaghi Gordji, M.; Khodaei, H.

A fixed point technique for investigating the stability of (α, β, γ) -derivations on Lie C^* -algebras. (English) [Zbl 1261.39032](#)

Nonlinear Anal., Theory Methods Appl., Ser. A, Theory Methods 76, 52-57 (2013).

The Banach fixed point theorem is used to study the stability of a generalized Cauchy-Jensen type additive functional equation on C^* -algebras.

Reviewer: [Dilian Yang \(Windsor\)](#)

MSC:

- [39B82](#) Stability, separation, extension, and related topics for functional equations
- [39B52](#) Functional equations for functions with more general domains and/or ranges
- [46L57](#) Derivations, dissipations and positive semigroups in C^* -algebras

Cited in **6** Documents

Keywords:

stability; Lie (α, β, γ) -derivation; Banach fixed point theorem; generalized Cauchy-Jensen type additive functional equation; C^* -algebras

Full Text: [DOI](#)