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C∗-ternary biderivations and C∗-ternary bihomomorphisms. (English) Zbl 1401.46049

Summary: In this paper, we investigate C∗-ternary biderivations and C∗-ternary bihomomorphisms in C∗-ternary algebras, associated with bi-additive s-functional inequalities.

MSC:
46L57 Derivations, dissipations and positive semigroups in C∗-algebras
39B82 Stability, separation, extension, and related topics for functional equations

Keywords:
C∗-ternary biderivation; C∗-ternary algebra; C∗-ternary bihomomorphism; Hyers-Ulam stability; bi-additive s-functional inequality

Full Text: DOI

References:

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