APPROSSIMATION OF QUADRATIC LIE ∗-DERIVATIONS
ON ρ–COMPLETE CONVEX MODULAR ALGEBRAS

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Abstract. In this paper, we investigate stable approximation of almost quadratic Lie ∗-derivations associated with approximate quadratic mappings on ρ-complete convex modular algebras \( \chi_\rho \) by using \( \Delta_2 \)-condition via convex modular \( \rho \).


Keywords and phrases: Generalized Hyers–Ulam stability, ρ-complete convex modular algebras, quadratic Lie ∗-derivations, \( \Delta_2 \)-condition.

REFERENCES


