Eshaghi Gordji, M.; Askari, G.; Ansari, N.; Anastassiou, G. A.; Park, C.
Stability and hyperstability of generalized orthogonally quadratic ternary homomorphisms in non-Archimedean ternary Banach algebras: a fixed point approach. (English)
Zbl 1400.39030

Summary: Using the fixed point method, we prove the stability and the hyperstability of generalized orthogonally quadratic ternary homomorphisms in non-Archimedean ternary Banach algebras.

MSC:
39B82 Stability, separation, extension, and related topics for functional equations
47H10 Fixed-point theorems
47S10 Operator theory over fields other than \( \mathbb{R}, \mathbb{C} \) or the quaternions; non-Archimedean operator theory

Keywords:
quadratic functional equation