

عنوان مقاله:

Nearly higher ternary derivations in Banach ternary algebras : An alternative fixed point approach

محل انتشار:

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خلاصه مقاله:

We say a functional equation  $(\lambda x)$  is stable if any function  $g$  satisfying the equation  $(\lambda x)$  approximately is near to true solution of  $(\lambda x)$ . Using fixed point methods, we investigate approximately higher ternary derivations in Banach ternary algebras via the Cauchy functional equation  $f(\lambda x + \lambda y + \lambda z) = \lambda f(x) + \lambda f(y) + \lambda f(z)$ .

کلمات کلیدی:

Alternative fixed point, HyersUlamRassias stability, ternary algebra, ternary derivation

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