عنوان مقاله:

On Approximate Solutions of the Generalized Radical Cubic Functional Equation in Quasi-$beta$-Banach Spaces

محل انتشار:

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خلاصه مقاله:

In this paper, we prove the generalized Hyers-Ulam-Rassias stability of the generalized radical cubic functional equation[fleft(sqrt[۳]{ax^۳ + by^۳}right)=af(x) + bf(y),] where $a,b in mathbb{R}_+$ are fixed positive real numbers, by using direct method in quasi-$beta$-Banach spaces. Moreover, we use subadditive functions to .investigate stability of the generalized radical cubic functional equations in $(beta,p)$-Banach spaces

کلمات کلیدی:

Hyers-Ulam-Rassias stability, radical cubic functional equation, quasi-$beta$-normed spaces, subadditive function