Abstract

In this paper, we study the Hyers-Ulam-Rassias stability of the quadratic functional equations for the mapping $f$ from orthogonal linear space in to Banach space. Furthermore, we establish the asymptotic behavior of the above quadratic functional equation. The main result has been supported by well constructed example.

References


**Index Terms**

Computer Science

Applied Mathematics
Keywords
Hyers-Ulam-Rassias stability  Orthogonal spaces  Quadratic functional equations