HYERS - ULAM STABILITY OF QUADRATIC FUNCTIONAL EQUATION IN RN-SPACES

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Abstract

In this paper, authors obtain the generalized stability results for the quadratic functional equation

$$f(2x + y) = 4f(x) + f(y) + f(x + y) - f(x - y)$$

in RN-spaces.

Key Words: Quadratic Functional Equations, Hyers-Ulam-Rassias Stability.

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