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GENERALIZED STABILITY OF QUADRATIC FUNCTIONAL EQUATION IN C^* - TERNARY RINGS

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Abstract

In this paper, authors obtains the generalized stability results for the Quadratic functional equation

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

in C^* - ternary rings.

Key Words : *Quadratic functional equations, C^* -Ternary rings, Generalized stability.*

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