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# 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 $$
f(2 x+y)=4 f(x)+f(y)+f(x+y)-f(x-y)
$$ in RN-spaces.


Key Words : Quadratic Functional Equations, Hyers-Ulam-Rassias Stability. 2000 AMS Subject Classification : 39B52, 39B72, 39B82.
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