Electronic Journal: Southwest Journal of Pure and Applied Mathematics
Internet: http://rattler.cameron.edu/swjpam.html
ISSN 1083-0464
Issue 2, December 2002, pp. 52–63.
Submitted: March 5, 2002. Published: December 31 2002.

GENERALIZED JENSEN'S EQUATIONS IN BANACH MODULES OVER A UNITAL C^*-ALGEBRA

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Abstract. We prove the Hyers-Ulam-Rassias stability of generalized Jensen's equations in Banach modules over a unital C^*-algebra. It is applied to show the stability of generalized Jensen's equations in a Hilbert module over a unital C^*-algebra. Moreover, we prove the stability of linear operators in a Hilbert module over a unital C^*-algebra.

1991 A.M.S. (MOS) Subject Classification Codes. Primary 39B72, 46L05, 47J25

Key Words and Phrases. Banach module over C^*-algebra, generalized Jensen's equation, stability, Hilbert module over C^*-algebra, real rank 0

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