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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.

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