# HOMOMORPHISMS AND DERIVATIONS ON UNITAL $C^*$−ALGEBRAS RELATED TO CAUCHY–JENSEN FUNCTIONAL INEQUALITY

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*Abstract.* In this paper, we investigate homomorphisms from unital $C^*$−algebras to unital Banach algebras and derivations from unital $C^*$−algebras to Banach $A$−modules related to a Cauchy–Jensen functional inequality.

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