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Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_24013
Title of the Manuscript:	ULAM-J RASSIAS STABILITY OF A QUADRATIC FUNCTIONAL EQUATION IN BANACH ALGEBRAS: A FIXED POINT APPROACH
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	The paper is devoted to the Hyers-Ulam stability of a quadratic functional equation in Banach algebras by applying a fixed point approach. The paper contains new results and their proofs are nicely presented. I recommend the paper for publication subject to the following revision. 1. The title of the paper to read as follows : “ HYERS – ULAM STABILITY OF A QUADRATIC : A FIXED POINT APPROACH “ 2. The ABSTRACT to be revised as follows :	



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	“ ABSTRACT. In this paper , we obtain the general solution of a quadratic functional equation and study the Hyers – Ulam stability of generalized derivations in Banach algebras using a fixed point approach. “ 3. In page 2, three lines from above revise it to read as follows : “ In other words, under what condition” 4. In page 2, starting with seven lines from above revise it to read as follows : “ Four years later, J. M. Rassias [19] by applying Th. M. Rassias’ s approach [28] for the stability of mappings when the norm of the Cauchy difference is bounded by the sum of powers of norms, obtained a similar theorem in which the norm of the Cauchy difference is bounded by the product of	
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	powers of norms. In 2009, Jung Rye Lee and Choonkil Park [232] proved” DELELE the statement of Theorem 1.1 since this is not the central Theorem in this page. There are several more essential Theorems cited here due to a number of mathematicians. 5. In Section 4 the title must be changed to the classical title that is widely used, namely : “ 4. Hyers –Ulam Stability of a Functional Equation “ and the next line must be revised to read: “ The following Corollary provides the Hyers – Ulam	
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	stability for the quadratic functional equation (1.1). This kind of stability considers both the sum and the product of powers of norms as an upper bound for the norm of the Cauchy difference (see [32]). The method of proof follows the spirit of the approach of Th.M. Rassias [28] without any essential difference. Corollary 4.1. Let r “ 6. In Section 5, the following two books should be included : A) Y. J. Cho, C. Park, Th.M. Rassias and R. Saadati, Stability of Functional Equations in Banach Algebras, Springer, New York, 2015. B) Y.J. Cho, Th. M. Rassias and R. Saadati, Stability of	
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	Functional Equations in Random Normed Spaces, Springer, New York, 2013.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

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