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Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2013_BJMCS_6548
Title of the Manuscript:	SUPERSTABILITY OF A GENERALIZATION OF THE COSINE EQUATION
Type of the Article	Research Paper

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)
Compulsory REVISION comments	Report on paper: "Superstability of a Generalization of the Cosine Equation" In the present article, author/authors study the Hers-Ulam stability of a quadratic type functional equation on an arbitrary group which is not necessarily abelian. This extends a work by R. Badora and R. Ger [2] and improved the superstability problem of the d'Alembert equation which is valuable. There is no incompatible technical problem in paper but the English-writing of paper needs a complete revision and correction. I have indicated various corrections on the manuscript which some of them are listed in the following: 1- In abstract and lines 39, 43, 48 and 50 a practises ") " need after (y) 2- In the whole of paper, IR and C must be change to R and C, respectively. 3- In the introduction, Theorem 1 and Theorem 2 should be unified to one theorem by unifying equations in lines 30 and 33 to a one equation as following" $f(x + y) + f(x - y) - 2f(x)f(y)$ '(x) or '(y) 4- In line 54, the sentences " let G is . . ." must	We are agree with you and accordingly modify the manuscript by following all the required corrections.



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	change into "let G be . . ." 5- In line 56, it must be "In the case that $f(e) \neq 0$, we put . . ." 6- the matrix group $GL(n, \mathbb{C})$ and the Heisenberg group H_3 should be defined before examples in page 2. 7- In line 64, the sentences "We shall start from solutions of the d'Alembert functional equation" should be change to "We start with solutions of the d'Alembert functional equation" 8- In line 69, the sentences "In [20] H. Stetkr gave solutions of equation (A) introducing the theory of representations" should be change to: "Giving solutions of equation (A), the theory of representations is introduced by H. Stetkr in [20]." 9- In line 90, a practises ")" is missed. 10- the number of Lemmas and Theorems is completely disordered so it needs a complete correction. 11- In lines 155 and 156, " ...from the preceding (3.10) ..." should be change to: " ... from (3.10) ..." 12- In line 157, " ... For the case $f(e) \neq 0$ is any one complex number,..." should be change to "For the case that $f(e)$ is any non-zero complex number..." 13- What author try to say in lines 160 and 161?- These lines must be corrected 1 2 and rewritten. 14- In line 168, " On" must be deleted. 15- The following references must be added	We are agree with you and accordingly modify the manuscript by following all the required corrections
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	to the paper: 1-S. Jung, Hyers-Ulam-Rassias Stability of Functional Equations in Nonlinear Analysis, Springer, New York, 2011. 2- H. Rezaei and M. Sharifzadeh, On the super-stability of exponential Hilbertvalued functional equations, Journal of Inequalities and Applications 2011, doi:10.1186/1029-242X-2011-114 3- H. Rezaei, On the super-stability of trigonometric Hilbert-valued functional equations, Mathematical Inequalities Applications (In Press).	We are agree with you and accordingly modify the manuscript by following all the required corrections. Thank you very much for your helpful comments.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		