



SDI FINAL EVALUATION FORM 1.1

PART 1:

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

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
After reviewing the revised paper as well as the author's responses, I still cannot convince myself to accept this paper because of following reasons. - From the revised paper I still couldn't find the necessity of conducting the presented study. In the introduction part, based on review of previous literature, it has to be explicitly explained that the presented study is NEEDED, either to fill a gap in current knowledgebase, or due to weakness/disadvantages of previous studies, or to address new raised issues, or anything else. Without demonstration of its significance, this paper can only be considered as a project report instead of a journal article. - Conclusion is required! Remarks are just a discussion of the methods used in the study and the obtained results. Conclusion is much more beyond that! I expect to see three components in a conclusion: summary of the work and results, future research plan, and the most important, the uniqueness of the study and its contribution to current knowledge base.	- based on review of previous literature, we see that the authors study the stability of the equation $(E_{g,f})$ on abelian groups or particular case of groups like: step 2 nilpotent groups, Heisenberg groups, P3-groups, our contribution is to discover, without any condition on the group G the stability of the equation so the presented study is NEEDED . The methods used are new and we declare that it is an original work. - summary of the work and main results: Theorem 3 and 4. future research plan: We can use the result of the paper to prove the Hyers-Ulam stability and the superstability of other generalizations of the cosine equation. Examples: The Pexiderzed generalised cosine equations $\sum_{\varphi \in \Phi} f(x\varphi(y)) = \Phi g(x)h(y) \text{ where } \Phi \text{ is a finite subgroup of morphis of } G .$ $\sum_{\varphi \in \Phi} \int_K f(xk\varphi(y)k^{-1})dk = \Phi g(x)h(y) , K \text{ is a compact subgroup of } G \text{ and } \Phi \text{ is a finite subgroup of morphis of } G.$ $f_1(xy) + f_2(xy) = 2g_1(x)g_2(y)$ and many other equations.