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Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_24446
Title of the Manuscript:	The behavior of two coupled mechanical oscillators in non-linear fields and the possibility of obtaining controlled halts
Type of the Article	Original research papers

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.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	This research article entitle “The behavior of two coupled mechanical oscillators in non-linear fields and the possibility of obtaining controlled halts” is much impact in nonlinear vibration and Applied mathematics. In this paper, the authors did not introduce their new findings in the manuscript. The mathematical expressions and its analytical solutions has no novelty. Moreover, the use of English language in the whole manuscript is very poor. In addition, the authors write the manuscript follow book style not research article.	Dear Sir! Thank-you for your feedback and comments. On those highlighted by you, we can mention the following: 1.The present work belongs to a group of two scientific papers, the first one being already accepted and this second paper is a natural continuation of the previous work 2. In our opinion, this work treats the proposed problem in a unified and unique way, by a pseudo- analytical solving method, although the used methods are known in linear algebra. It is known that the 2nd order nonlinear differential equations, systems have only numerical solutions, by well known methods (Runge Kutta 4, Newton interpolation variable pitch, etc) .



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		3. The author's contributions were to solve the system and to find the analytical solutions of movement law. If this solution already exists, please indicate us a scientific article with a similar 2nd order nonlinear differential system, solved through an analytical method. 4. Veracity of the results is tested using a numerical example, that verifies the entire calculation. The calculation is also consistent with the experimental results. 5. We are committed to make the corrections required by the structure, content and English grammar in the revised version of this article. 6. The effect was firstly experimentally achieved and then we tried to explain it from scientific point of view, in order to find the analytical solutions, that actually are the solutions of a small experimental case.
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		However, the solutions can be implemented in the found form within a broader application to interconnect this phenomenon with other heat transfer phenomena, involving the time as the independent variable. This was the reason to find an analytical formula. Thank you for your suggestions. Best regards!
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		