## Review Form 1.6

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| Journal Name: | **Asian Journal of Physical and Chemical Sciences** |
| Manuscript Number: | **Ms_AJOPACS_83010** |
| Title of the Manuscript: | **A new accurate formula for the large-angle period of a simple pendulum** |
| Type of the Article | **Numerical research for improving an existing formula** |

**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:

(https://www.journalajopacs.com/index.php/AJOPACS/editorial-policy )

**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 | **The aesthetics of the paper and the clarity of the figures – good**<br>**The theme of the paper is classic and its level of difficulty is medium to low.**<br>**The idea of the paper is simple: Obtaining in a strictly numerical way a better approximation for the period of the large amplitude oscillations of the mathematical pendulum, starting from an existing formula (not new).**<br>**English used is locally questionable.**<br>**There are some local drafting mistakes. For example:**<br>**- form this figure; it is clear.. (section 5)**<br>**- that is way the… (section (6)**<br>**- for the large angle period; and a new…**<br>**Obsessive repeating of sequence [3], [4],[5] concerning the References.** | |
| **Minor** REVISION comments | **Some English grammar mistakes. Please reconsider some phrases.**<br>**The last sentence in the "Conclusions" section is a general remark rather than a product of the paper**. | |
| **Optional/General** comments | **In addition to the approximate expressions (1.1), (1.2) and (1.3), there are many other more accurate approximations for the mathematical pendulum's period, obtained by more recent methods, e.g. variational iteration method, homotopy analysis method, homotopy perturbation method, and so on.** | |

## Review Form 1.6

**PART 2:**

| | **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)* |
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| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | |

**Reviewer Details:**

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|---|---|
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