Review of: "Modified free energy generation using permanent Neodymium Magnet based on Bedini with Maxwell and Lorenz gauge conditions"

Muhammad Usman[1]

1 City University of Science and Information Technology

Potential competing interests: No potential competing interests to declare.

Comments to the Authors:

Below are my recommendations/comments:

1. The abstract should be more precise, incorporating the significant results/findings.
2. Grammatical errors, such as those in the introduction section, need to be addressed.
3. When discussing the work of other authors, it should be written in the past tense. The introduction section is too brief and lacks a comprehensive overview of the literature.
4. Some sentences are unclear, and the sentence structure could be polished.
5. It would be beneficial to explain some of the findings and highlight what motivates the authors to conduct this study. The novelty of this study needs to be clearly stated, along with practical applications of the discussed flow to enhance the manuscript.
6. The results and discussion section requires improvement, particularly in providing details to explain the findings and presenting the physical significance of the results.
7. The conclusion should be more precise regarding the novel results.
8. The abstract must contain some major findings of the work. The title of the paper should be modified.
9. The introduction section needs to be improved by the following references.

- Unveiling Novel Insights into the Dynamics of Ternary Hybrid Nanofluids on Cylindrical Surfaces with Inclination, Under Solar MHD and Darcian Concept
- Revolutionizing heat transfer: exploring ternary hybrid nanofluid slip flow on an inclined rotating disk with thermal radiation and viscous dissipation effects
- Enhancement of heat transfer in thin-film flow of a hybrid nanofluid over an inclined rotating disk subject to thermal radiation and viscous dissipation
- Motile microorganisms hybrid nanoliquid flow with the influence of activation energy and heat source over a rotating disc
- Motile microorganisms hybrid nanoliquid flow with the influence of activation energy and heat source over a rotating disc

- Electromagnetic couple stress film flow of hybrid nanofluid over an unsteady rotating disc

1. Add a nomenclature with SI Units that the readers can easily understand.
2. Improve the quality of the paper by fixing some typographical errors.
3. Provide more information about the used method.
4. Provide physical applications of the considered problem. What is the novelty of the present problem?
5. Validation of results obtained by the present numerical approach/results is essential.
6. Physical insight into the graphical results should be added.
7. Future directions of the outcomes should be presented in the conclusion section.
8. References aren’t in uniform journal format.
9. Give a number to all equations.