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| Book Name: | [**Science and Technology: Developments and Applications**](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5346** |
| Title of the Manuscript:  | **On Hydromagnetic Boundary Layer of Casson Fluid Over Porous Inclined Magnetized Surface With Radiation and Convective Boundary Conditions** |
| Type of the Article | **Book chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Communications in Mathematics and Applications, Vol. 13, No. 1, pp. 199–221, 2022**

**DOI: 10.26713/cma.v13i1.1717**

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** |  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** |  |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. |  |  |
| **Is the manuscript scientifically, correct? Please write here.**  |  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** |  |  |
| Is the language/English quality of the article suitable for scholarly communications? |  |  |
| Optional/General comments | The write-up of this article is clear. Detail is sufficient. Language is acceptable. The contents are relevant to this journal. The comparisons shown in this article are fine. The paper can be accepted with the following changes.1. Abstract should be modified in term of findings.
2. Proper references should be assigned to the adopted governing model.
3. Write the flow governing equations in vector form before writing the equations directly in the formulation section.
4. Improvement of depth physical discussion analysis for the graphical plots is needed.
5. What are the limitations of the defined problem?
6. Should maintain the symbols are in uniform size throughout the paper.
7. Modified introduction with some recent references given below.

A. ATSS model based upon applications of Cattaneo-Christov thermal analysis for entropy optimized ternary nanomaterial flow with homogeneous-heterogeneous chemical reactions. B. Modified thermal and solutal fluxes through convective flow of Reiner-Rivlin material. C. HARK formulation for entropy optimized convective flow beyond constant thermophysical properties. D. KHA model comprising MoS4 and CoFe2O3 in engine oil invoking non-similar Darcy-Forchheimer flow with entropy and Cattaneo-Christov heat flux. E. SAT formulation for entropy generated hybrid nanomaterial flow: Modified Cattaneo-Christov analysis. F. TASA formulation for nonlinear radiative flow of Walter-B nanoliquid invoking microorganism and entropy generation. |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Sohail Ahmad Khan, Quaid-I-Azam University, Pakistan**