|  |
| --- |
|  |
| Book Name: | **Mathematical Modeling the Reflection and Transmission of Magneto-Thermoelastic Waves and Propagation of Surface Waves** |
| Manuscript Number: | **Ms\_BPR\_2922** |
| Title of the Manuscript:  | **Mathematical Modeling the Reflection and Transmission of Magneto-Thermoelastic Waves and Propagation of Surface Waves** |
| Type of the Article | **Complete Book** |

**General guidelines for the Peer Review process:**

This Book’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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

**Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

|  |
| --- |
| PART 1: Review Comments |
| Compulsory REVISION comments | Reviewer’s comment | 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | This manuscript is crucial for the scientific community as it enhances our understanding of thermoelasticity and wave propagation in complex materials under various external conditions. Its focus on the effects of electromagnetic fields, rotation, and thermal gradients is particularly relevant for the development of smart materials. I appreciate the comprehensive approach that combines mathematical modeling with numerical simulations, offering valuable insights into these phenomena and paving the way for future research in optimizing material performance. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The title has a grammatical error, the correct one is “Mathematical Modeling of the Reflection and Transmission of Magneto-Thermoelastic Waves and the Propagation of Surface Waves”. |  |
| 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. | There is no abstract in the provided manuscript.  |  |
| **Are subsections and structure of the manuscript appropriate?** | The manuscript's subsections and overall structure are generally appropriate, as they provide a clear and logical flow of information. However, minor adjustments could enhance clarity, such as refining subsection headings for better thematic alignment. |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | The manuscript demonstrates scientific robustness through its comprehensive methodology and adherence to established principles in the field. The authors employ a rigorous theoretical framework, supported by extensive numerical simulations, which effectively validates their findings. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | The most recent references are from 2020. It would be better to include more recent and relevant works to ensure the research reflects the latest advancements in the field. |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Yes, the language is fine; however, there are a few grammatical errors that need to be corrected. A proofread is required |  |
| Optional/General comments | Some of the figures are of low quality. It would be better if their resolution is enhanced.n some places, the authors refer to it as a 'thesis' and in others as a 'dissertation.' Please make the terminology consistent throughout. Additionally, the authors mention 'Chapter One' and 'Chapter Two,' but there are no such headings in the document. Please update this. Define all the mathematical symbols also provide their units. |  |

|  |
| --- |
| **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)* |  |
| **Are there competing interest issues in this manuscript?** | No |  |
| **If plagiarism is suspected, please provide related proofs or web links.** | High similarity index.  |  |

|  |
| --- |
| Reviewer Details: |
| Name: | **Anonymous reviewer (Only for this stage as per Review policy)** |
| Department, University & Country |  |