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| 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 and Their Applications** |
| 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:

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| 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 important to the scientific community as it provides a comprehensive mathematical framework for understanding the behavior of magneto-thermoelastic waves, particularly in the context of reflection, transmission, and surface wave propagation. These topics are highly relevant in fields such as material science, geophysics, and engineering, where wave dynamics in elastic media under magnetic and thermal effects play a critical role. I appreciate the manuscript's depth of analysis and its potential applications in designing advanced materials and technologies. The work contributes to bridging gaps in existing theories and offers valuable insights for future research in this area**.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title of the article is suitable. |  |
| 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. | The abstract of the article appears comprehensive and well-structured, effectively summarizing the key aspects of the research. It captures the essential elements, such as the objectives, methodology, and significance of the study. No major additions or deletions are necessary at this point. |  |
| **Are subsections and structure of the manuscript appropriate?** | Use section numbers in the document. And use one format for equation numbers in left hand side. |  |
| **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.** | This manuscript demonstrates a high level of scientific correctness, grounded in well-established mathematical principles and physical theories. The equations used to model the reflection, transmission, and propagation of magneto-thermoelastic waves are rigorously derived and supported by relevant boundary conditions. The assumptions made in the study are appropriate for the scope, ensuring the results are both valid and applicable to real-world scenarios. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | There are no references in this document. Cite some references related to the document. |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Quality of the article is suitable for scholars, only cite references instead of writing years with authors. |  |
| Optional/General comments | Content is fine. |  |

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

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| Reviewer Details: | |
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| Department, University & Country |  |