

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_125755
Title of the Manuscript:	Heat Transfer Characteristics of a Quiescent Fluid Over a Moving Flat Surface
Type of the Article	Original Research Article

Review Form 3

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 significant for the scientific community as it addresses critical aspects of heat transfer in quiescent fluids over moving surfaces, a topic relevant to various industrial applications such as cooling systems and material processing. Moreover, the use of numerical methods to analyze these complex interactions enhances the manuscript's relevance, offering a framework for future research in this area.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	<ol style="list-style-type: none"> 1. List all the complete assumptions made in this problem. 2. Discuss a real application for this problem with the included effects. 3. Results should be improved by adding the graphs on velocity profile. 	
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's consideration of critical parameters such as viscous dissipation, temperature-dependent viscosity, and various flow conditions reflects a comprehensive understanding of the underlying physics, enhancing its reliability in contributing to the field of thermal engineering.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	<ol style="list-style-type: none"> 1. Include some more literature in the introduction section by using references. https://tis.wu.ac.th/index.php/tis/article/view/2685 https://www.research-publication.com/amsj/uploads/papers/vol-09/iss-09/AMSJ-2020-N9-55.pdf https://pubs.aip.org/aip/pof/article-abstract/35/8/084110/2906590/Lattice-Boltzmann-simulations-of-flow-inside-a?redirectedFrom=fulltext https://link.springer.com/article/10.1186/s44147-024-00481-z https://pp.bme.hu/me/article/view/22045 	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Grammatical and punctuation errors should be revised carefully.	
Optional/General comments		

Review Form 3

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Rajendra Singh Yadav
Department, University & Country	University of Rajasthan, India