

Review Form 1.7

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_95988
Title of the Manuscript:	Effect of Mass Concentration on a Non-Isothermal Cylindrical Channel Flow
Type of the Article	

General guideline for Peer Review process:

This journal'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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljamcs.com/index.php/JAMCS/editorial-policy>)

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PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The paper is well written. I recommend the article for publication after the following corrections have been addressed</p> <ol style="list-style-type: none"> The title was written as, "Effect of Mass Concentration on a Non-Isothermal Cylindrical Channel Flow". The present form of the title is not informative enough because it does not contain some key phrases that the research work addresses. The author can consider using a phrase like "effects of MHD and chemical reaction on" in the title Revise the introduction to present the exact meaning of the following key words in the title. (a) Magnetohydrodynamics (b) Grashof number (c) Chemical reaction and update the introduction section with relevant literature where effect of Magnetic parameter, natural convection/Grashof number was studied. The author should update the introduction section with the following articles https://ojs.ictp.it/jnms/index.php/jnms/article/view/767, https://doi.org/10.1007/s40819-022-01356-8, https://doi.org/10.11648/j.cbe.20180303.12, https://doi.org/10.9734/arjom/2021/v17i1230346, The author should incorporate relevant and logical research questions at the end of the introduction section. This would guide the author to structure logical analysis of results. Examples of research questions can be found in the following literature <ul style="list-style-type: none"> A. https://ojs.ictp.it/jnms/index.php/jnms/article/view/767 B. https://doi.org/10.1007/s10973-021-10550-7 In the list of dimensionless parameters in section 2.4. k_0 has two different expressions, author(s) should correct this. Fixed values of the parameters used in the computation should be mentioned in the discussion section. Please check for typos and grammatical mistakes and make necessary corrections. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
Optional/General comments		

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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