



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_30673
Title of the Manuscript:	Mhd Flow past a Semi-Infinite Plate with Temperature Dependent Viscosity and Thermal Conductivity
Type of the Article	Original Research 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<u>Compulsory</u> REVISION comments	#1. The title "MHD flow past a semi-infinite plate with temperature dependent viscosity and thermal conductivity" is not suitable. Author should change the title. REMARK: Authors may consider:::: Boundary layer analysis of unsteady forced convection of a Newtonian fluid with variable thermo-physical properties in the presence of induced magnetic field #2. Line 24, start the introduction section with the application(s) of the aim and objectives of the manuscript to the industry. #3. Line 24, introduce the theory of boundary layer properly. #4. Wrong in-text citation, Line 25, authors stated that "Blasius [1] who". REMARK::: - Remove the relative pronoun "who" - Reconstruct the quoted sentence "<i>The problem of the boundary layer flow of a Newtonian fluid past a semi-infinite flat plate was first considered by Blasius [1] who reduced the boundary layer equations to ordinary non-linear differential equations by a suitable similarity transformation.</i>"	



SDI Review Form 1.6

	#5. Update the introduction section with the following recent published articles on induced magnetic field i. I. L. Animasaun, J. Prakash, R. Vijayaragavan, and N. Sandeep (2017) Stagnation Flow of Nanofluid Embedded with Dust Particles Over an Inclined Stretching Sheet with Induced Magnetic Field and Suction, Journal of Nanofluids Vol. 6, pp. 1–10. doi: 10.1166/jon.2017.1308 ii. Sandeep N., Sulochana C., and Animasaun I. L. (2016) Stagnation-point flow of a Jeffrey nano fluid over a stretching surface with induced magnetic field and chemical reaction, International Journal of Engineering Research in Africa Vol. 20 (2016) pp 93-111. doi: 10.4028/www.scientific.net/JERA.20.93 iii. I.L. Animasaun, C.S.K. Raju and N. Sandeep (2016) Unequal diffusivities case of homogeneous–heterogeneous reactions within viscoelastic fluid flow in the presence of induced magnetic-field and nonlinear thermal radiation, Alexandria Engineering Journal (2016)55, 1595–1606. doi:10.1016/j.aej.2016.01.018 #6. Line 113, author(s) stated that “<i>The fluid viscosity is assumed to be inverse linearfunction of temperature (Lai&Kulaki [8]) as follows</i>” REMARK: Reconstruct. #7. Line 122, authors stated that “<i>Also the variation of</i>	
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	<i>thermal conductivity is considered as follows (Hazarika, and Lahkar[6])</i> REMARK: Reconstruct. #8. Line 287, authors stated that “<i>Inverting (4.1.10)</i>”. REMARK: Authors should add a note on this. Why ? #9. Authors should update the manuscript with some graphical illustrations of selected results.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

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