



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_38595
Title of the Manuscript:	MHD Stagnation Point-Flow of Micropolar fluids Past a Permeable Stretching Plate in Porous Media with Thermal Radiation, Chemical Reaction and Viscous Dissipation
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:

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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)
Compulsory REVISION comments	In this paper author studied the MHD stagnation point flow of a Micropolar fluid past a linearly stretching sheet in a saturated porous medium. A numerical technique namely Runge-Kutta numerical integration method is used to compute the solution. Method of solution is interesting. The manuscript is well written and can be accepted for publication after following MINOR changes 1) An appropriate reference should be given to Eqs. (10) and (15). 2) The paper does not specify the software used for the executing of numerical calculations. In case that specialized software product is used for this purpose it shall be explained. 3) The conclusion describes the obtained results but actually there is no general conclusion provided. 4) The parameter Forchheimer number is a function of "x ". Therefore, from Eq. (16) results that the function f is not independent of "x " as it has been hypothesized (16). This fact need to be clarified. 5) Reference section should be modified by using following latest research work regarding stretching surfaces flows and flow through saturated porous media. ➤ Hydromagnetic flow and heat transfer of a Jeffrey fluid over an oscillatory stretching surface, Zeitschrift für Naturforschung A , 70(7)a: 567–576 (2015). ➤ MHD flow and heat transfer over a porous oscillating stretching surface in a viscoelastic fluid with porous medium, Plos One, 10(12): e0144299 (2015). ➤ Soret and Dufour effects on hydromagnetic flow of viscoelastic fluid over porous oscillatory stretching sheet with thermal radiation, Journal of the Brazilian Society of Mechanical Sciences and Engineering, 38: 2533-2546 (2016). ➤ MHD flow and heat transfer of couple stress fluid over an oscillatory stretching sheet with heat source/sink in porous medium, Alexandria Engineering Journal, 55: 915–924 (2016). ➤ Slip effects in the hydromagnetic flow of a viscoelastic fluid through porous medium over a porous oscillatory stretching sheet, Journal of Porous Media, 20(3): 249-262 (2017). ➤ Analytical and Numerical Study of Diffusion of Chemically Reactive Species in Eyring-Powell Fluid over an Oscillatory Stretching Surface, <i>Bulgarian Chemical Communications</i>, 49(2) 320 – 330, (2017).	
Minor REVISION comments		
Optional/General comments		

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