



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:

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



SDI Review Form 1.6

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	I considered that the manuscript can be published after major correction. The following issues must be addressed before publications. • Innovation in this article must be precisely determined. • Utilized the range of the relatable parameters should be described in Abstract. • The grid independence test is necessary for the present analysis. • Give the appropriate references of Eq.(15). • Please recheck the values of Table 2. • You can add a sample code as an appendix in order to improve the quality of your paper. • The qualities of the figures are poor. You should add more physical explanation in result. • To improve the quality of your article. You can add the figures of local Nusselt number and local Sherwood number due to the influence of relevant parameters. • Article need a thoroughly recheck for grammar and typological errors. • Spacing between the words and a spelling need attention. • Introduction section must be improved using the following articles: a) Effect of viscous dissipation and suction/injection on MHD nanofluid flow over a wedge with porous medium and slip, Alexandria Engineering Journal 55(4); (2016): 3115–3123. b) Natural convection and thermal radiation influence on nanofluid flow over a stretching cylinder in a porous medium with viscous dissipation. Alexandria Eng. J. (2016), http:// dx.doi.org/10.1016/j.aej.2016.08.035. c) MHD flow of Ag-water nanofluid over a flat porous plate with viscous-Ohmic dissipation, suction/injection and heatgeneration/absorption. Alexandria Eng. J. http://dx.doi.org/ 10.1016/j.aej.2017.03.018.	1. In this article non-Newtonian micropolar fluid is considered; Fluid viscosity and thermal conductivity are not taken to be constant but dependent on temperature and attention is given also to homogeneous chemical reaction. The influence of the surface boundary parameter m on both velocity and microrotation profiles are also checked 2. The range of values of the embedded parameters are described in the graph. 3. The references for Eq.15 are Hayat et al, 2011 and Olajuwon et al, 2014 which have been included in the work. 4. Table 2 re-checked and corrected. 5. The qualities of the figures have been modified. From Table 2, the values of local Nusselt number and local Sherwood number have been done. The spacing between words, grammatical errors and spelling have been checked and corrected. 6. Introduction section have been improved by adding some of the given references.



SDI Review Form 1.6

	d) Chemical reaction and thermal radiation effects on boundary layer flow of nanofluid over a wedge with viscous and Ohmic dissipation. St. Petersburg Polytechnical University Journal: Physics and Mathematics, (2017), https://doi.org/10.1016/j.spjpm.2017.10.008. e) Boundary layer flow and heat transfer analysis on Cu-water nanofluid flow over a stretching cylinder with slip, In Alexandria Engineering Journal, 2017, https://doi.org/10.1016/j.aej.2017.01.017.	
Minor REVISION comments		
Optional/General comments		