



SDI FINAL EVALUATION FORM 1.1

PART 1:

| | |
|--------------------------|--|
| Journal Name: | Physical Science International Journal |
| Manuscript Number: | Ms_PSIJ_27869 |
| Title of the Manuscript: | Natural Convective Mass Transfer MHD Flow of Chemically Reactive Micropolar Fluid past a Vertical Porous Plate |
| Type of Article: | Original Research Article |

PART 2:

| FINAL EVALUATOR'S comments on revised paper (if any) | Authors' response to final evaluator's comments |
|--|--|
| <p>Authors should correct the following typographical errors or grammatical errors on the revised version</p> <ol style="list-style-type: none"> Line 21: author(s) stated that "Micropolar fluids are the combination of microstructure which are first observed Eringen (1960) by the micropolar fluid theory." Comment i. This definition or description of micropolar fluid is wrong. Is micropolar fluid a "combination of microstructure" ? ii. The present form of the introduction section is not acceptable. Author(s) should open the link below and read. https://writingajournalarticle.wordpress.com/sections-relevant-to-all-papers/introduction/ Line 156: The velocity profiles go down for permeability of porous plate (K). Change to porous Discussion of result should be expanded. Author(s) should explain why velocity profile increases with an increase in the magnitude of G_m as reported in Fig 2a. Line 165, change to Conclusion. Update the introduction section with the following published articles on MHD flow: <p>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, in-press. oi:10.1016/j.aej.2016.01.018.</p> <p>Bioconvection in MHD nanofluid flow with nonlinear thermal radiation and quartic autocatalysis chemical reaction past an upper surface of a paraboloid of revolution, International Journal of Thermal Sciences 109, 2016, 159 - 171. doi:10.1016/j.ijthermalsci.2016.06.003</p> <p>Thermophoresis and Brownian motion effects on MHD bioconvection of nanofluid with nonlinear thermal radiation and quartic chemical reaction past an upper horizontal surface of a paraboloid of revolution, Journal of Molecular liquids 221, 2016, 733 - 743. doi:10.1016/j.molliq.2016.06.047</p> | <ol style="list-style-type: none"> I have changed the introduction part. The line is changed. Explain why G_m increases. The word is changed. Updated introduction section. But the given references don't match with my work. I follow another references which given by the authority. |