



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_28946
Title of the Manuscript:	MHD mixed convection flow of a nanofluid over a nonlinear stretching sheet with variable Brownian and thermophoretic diffusion coefficient
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	<p>1. Include one or two important findings of the present study in abstract.</p> <p>2. Please include the physical model of the problem.</p> <p>3. Numerical procedure is not clear. Explain the outline of the method used.</p> <p>4. Improve the quality of the figures.</p> <p>5. Explore the physical reasons for the graphical trends.</p> <p>6. The following relevant findings are missing in the introduction part.</p> <p>*Dual solutions for unsteady mixed convection flow of MHD Micropolar fluid over a stretching/shrinking sheet with non-uniform heat source/sink. Engineering Science and Technology, an International Journal, 18, 738-745, 2015.*</p> <p>Double diffusive mixed convection in a couple stress fluids with variable fluid properties. Advances in Physics Theories and Applications 41, 30-42, 2015.*</p> <p>Transpiration effect on stagnation-point flow of a Carreau nanofluid in the presence of thermophoresis and Brownian motion, Alexandria Eng. J., Alexandria Engineering Journal, 55, 1151-1157. 2016. *</p> <p>Numerical investigation of chemically reacting MHD flow due to a rotating cone with Thermophoresis and Brownian motion, Int.J. Advanced Science and Technology, 86, 61-74, 2016.</p>	We made the necessary corrections suggested by reviewer.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		