



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Physical Science International Journal
Manuscript Number:	2015_PSIJ_16070
Title of the Manuscript:	COMBINED EFFECTS OF HALL CURRENT AND MAGNETIC FIELD ON UNSTEADY FLOW PAST SEMI-INFINITE VERTICAL PLATE WITH THERMAL RADIATION AND HEAT SOURCE
Type of Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<div>1. Check the name of the authors you cited in the text, the name of the author in the text should not be two or three names (e.g. in line 46, Hiroshi Sato [1], should either be Hiroshi [1] or Sato [1], not both Hiroshi Sato [1])</div> <div>2. Check line 48, 56, 58, 86, 87, 100, 111, 120, and 140, they have the same similar problem</div>	<div>1. All authours names checked in text so that the name of the author in the text is one</div> <div>2. A) In line 48, Masakazu Katagiri [2] considered the <u>steady</u> hydro magnetic flow flow past a <u>semi infinite flat plate</u> with Hall current effect. But, in line 56, Sri Gopal Agarwal [5] considered the <u>unsteady</u> hydro magnetic flow of viscous stratified fluid <u>through a porous medium</u> with Hall current effect. In line 58, Ajay Kumar Singh [6] considered the steady hydromagnetic free convection flow of an electrically conducting fluid past an <u>infinite vertical porous plate</u> with Hall current, viscous dissipation, Joule heating and thermal diffusion.</div> <div><div>• From the above underlined sentences it is observed that studies which are mentioned in lines 48, 56 & 58, considered under different physical situations. So the works carried out by authors in lines 48, 56,58 are not same even the effect of hall current on flow pattern was studied by all these authors.</div></div> <div>B) In line 86, Ramachandra Prasad et al. [16] discussed <u>two dimensional flow</u> past an <u>infinite vertical plate</u> by considering the effect of radiation whereas in line 87, R.C.Chaudhary and Preethi Jain [17], considered hydromagnetic free convection flow of a <u>micropolar fluid</u> past a vertical <u>porous</u> plate through a porous medium in <u>slip-flow regime</u> with radiation. The above underlined physical and boundary plate conditions shows that the studies mentioned in lines 86, 87 are different.</div> <div>C) In line 100, Dulalpal and Babulal Talukdar [22] considered magneto-hydrodynamic unsteady heat and mass flow past a <u>vertical permeable plate</u> in the <u>slip flow regime</u>. They have made the perturbation analysis to study the effects thermal radiation and chemical reaction on flow field. But, in line 111, Harish Babu and Satya Narayana [26] considered heat and mass transfer flow <u>micropolar fluid</u> along a <u>vertical moving porous plate</u>, taking the effect of transverse magnetic field in to account. From this it is confirmed that the works which are shown in lines 100, 111 are different approaches.</div> <div>Overall Conclusion<div>▪ The above sentences which are underlined indicate different physical situations and boundary limitations where the problems have been solved. So, finally overall it is concluded that the studies carried out by these authors mentioned in lines 48, 56,58,86,87,100 &111 are not same.</div></div>