



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_29107
Title of the Manuscript:	Radiation effects on heat and mass transfer of MHD fluid over a permeable stretching sheet with Buoyancy forces
Type of the 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:



SDI Review Form 1.6

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

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	The following corrections must be effected in order to improve the quality of the manuscript for publication! ABSTRACT <table border="1"> <thead> <tr> <th>Line Number</th> <th>Correct</th> <th>Incorrect</th> </tr> </thead> <tbody> <tr> <td>1. Line 6</td> <td>This paper investigates</td> <td>This paper aims to investigate</td> </tr> <tr> <td>2. Line 11</td> <td>transformation variables</td> <td>transformation for variables</td> </tr> <tr> <td>3. Line 15</td> <td>Concentration</td> <td>concentration</td> </tr> <tr> <td>4. Line 17</td> <td>Finite difference</td> <td>finite difference</td> </tr> </tbody> </table> MATHEMATICAL FORMULATION <table border="1"> <thead> <tr> <th>Line Number</th> <th>Correct</th> <th>Incorrect</th> </tr> </thead> <tbody> <tr> <td>1. Line 79</td> <td>...are as contained in [13].</td> <td>...are as follows [13].</td> </tr> <tr> <td>2. Line 80</td> <td>...dissipation is small. The governing equations are</td> <td>...dissipation is small.</td> </tr> <tr> <td>3. Lines 82, 83, 84, 85</td> <td>Put comma (,) at the end of each of equations 1, 2, 3, 4</td> <td></td> </tr> </tbody> </table>	Line Number	Correct	Incorrect	1. Line 6	This paper investigates	This paper aims to investigate	2. Line 11	transformation variables	transformation for variables	3. Line 15	Concentration	concentration	4. Line 17	Finite difference	finite difference	Line Number	Correct	Incorrect	1. Line 79	...are as contained in [13].	...are as follows [13].	2. Line 80	...dissipation is small. The governing equations are	...dissipation is small.	3. Lines 82, 83, 84, 85	Put comma (,) at the end of each of equations 1, 2, 3, 4		
Line Number	Correct	Incorrect																											
1. Line 6	This paper investigates	This paper aims to investigate																											
2. Line 11	transformation variables	transformation for variables																											
3. Line 15	Concentration	concentration																											
4. Line 17	Finite difference	finite difference																											
Line Number	Correct	Incorrect																											
1. Line 79	...are as contained in [13].	...are as follows [13].																											
2. Line 80	...dissipation is small. The governing equations are	...dissipation is small.																											
3. Lines 82, 83, 84, 85	Put comma (,) at the end of each of equations 1, 2, 3, 4																												



SDI Review Form 1.6

	4. Line 86	where	Where
	5. Line 97	...heat transfer process, which is directed...	...heat transfer process is directed...
	6. Line 99	...conditions are as follows [16]:	...conditions are as follow [16]
	7. Line 101	$C_w = C_\infty + bx$ at $y = 0$,	$C_w = C_\infty + bx$, at $y = 0$,
	8. Line 102	... $C \rightarrow C_\infty$ as $y \rightarrow \infty$	... $C \rightarrow C_\infty$, as $y \rightarrow \infty$
	9. Lines 106, 107, 108, 109	Put comma (,) at the end of each of equations 6, 7, 8, 9	
	10. Line 110	where	
	11. Right after Line 116	$N_r = \frac{16\sigma^* T_\infty^3}{3\rho C_p K_1}$ is Thermal Radiation parameter	
	12. Line 117	...conditions are as follows:	... conditions as follows
	13. Line 120	$f'(\eta) \rightarrow 0, \theta(\eta) \rightarrow 0, \phi(\eta) \rightarrow 0$ as $\eta \rightarrow \infty$,	$f'(\eta) = 0, \theta(\eta) = 0, \phi(\eta) = 0$ as $\eta \rightarrow \infty$
	14. Line 121	where	Where
	15. Line 121	...($f_w > 0$ for suction and $f_w < 0$ for injection)...	...(fw >0for suction and fw <0 for injection)...
	16. Line 127	Put comma (,) at the end of equation (11)	
	17. Line 128	where ...	Where...
	18. Line 129	Put comma (,) at the end of equation (12)	
	19. Line 130	where	Where
	20. Line 137	Put comma (,) at the end of equation (13)	
	21. Line 138	where	Where
	22. Line 143	Put comma (,) at the end of equation (14)	
	23. Line 144	where	Where
	24. Line 150	Put comma (,) at the end of equation (15)	
	25. Line 151	where	Where



SDI Review Form 1.6

26. Line 155	Put comma (,) at the end of equation (16)	
27. Line 156	where	Where
28. Line 159	Put comma (,) at the end of equation (17)	
29. Line 160	where	Where

RESULTS AND DISCUSSIONS

Line Number	Correct	Incorrect
1. Line 202	parameter, whereas temperature and concentration increases.	parameter where as temperature and concentration increases
2. Line 204	... (λ_T, λ_C) with ...	... ($\lambda T, \lambda C$) with ...
3. Line 206	...buoyancy parameter, whereas temperature and concentration decreases.	...buoyancy parameter. Whereas temperature and concentration decreases
4. Lines 210, 211	...increase of N_r , whereas concentration decreases, but with a very low concentration variation.	
5. Line 215	...velocity and concentration of fluid decrease...	...velocity and concentration of fluid are decreases...
6. Line 218	Fig. (16-17) illustrates...	From Fig. (16-17) illustrates...

7. Accordingly correct all grammatical errors, and appropriately refer to the Figures in the results and discussions!

REFERENCES

Line Number	Correct	Incorrect
1. Line 232	Sakiadis BC...	B.C. Sakiadis...
2. Line 234	Magyari E, Keller B...	E. Magyari and B. Keller...
3. Line 245	...magnetohydrodynamics: with...	...magnetohydrodynamics:with..

4. Follow accordingly the guidelines of the journal for the references!



SDI Review Form 1.6

<u>Minor</u> REVISION comments	Follow the guidelines of the journal and correct all that's needed to be corrected, especially the references must be consistent with the requirements of the journal!	
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Promise Mebine
Department, University & Country	Department of Mathematics & Computer Science, Niger Delta University, Nigeria