



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_28935
Title of the Manuscript:	The electrodynamic vacuum field theory approach and the electron inertia problem revisiting
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:

(<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)
<b><u>Compulsory</u></b> REVISION comments	<ul style="list-style-type: none"> <li>- the title should be revised: the word "revisiting" is not appropriate. Try to change it to be "revisited."</li> <li>- the paper seems to be adequately rigorous but the language is hard to follow, probably because many sentences are not written correctly according to english grammar. This issue needs to be addressed properly, to make the arguments flowing smoothly.</li> <li>- regarding the pages, the paper is too long. It is recommended to split it into 3-4 shorter papers: a. Philosophical foundations, b. basic derivation and results, c. Some implications and possible observation.</li> <li>- the philosophical reasoning to argue in favor of vacuum field theory is not clearly expressed. The author jumped straightly to lagrangian analysis etc.</li> <li>- it is advised to give an introduction containing: a. Literature review on existing vacuum models, such as classical aether model, superfluid aether, planckian aether (Friedwardt Winterberg), and also inerton (Volodymyr Krasnoholovets), and then b. please describe why he/she proposes vacuum field theory, and what are its advantages over existing vacuum models.</li> <li>- while the lagrangian analysis and hamiltonian analysis seem adequate, I do not see a clear description of the vacuum as physical entity, what is composed of? Is it a substratum such as rishon model? Etc.</li> </ul>	



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<b><u>Minor</u></b> REVISION comments	<ul style="list-style-type: none"> <li>- some errors in citing the correct references in the body of paper should be removed.</li> <li>- it is advisable to find a good proofreader to check all the wordings, because it seems the author is not a native english speaker</li> </ul>	
<b><u>Optional/General</u></b> comments	<ul style="list-style-type: none"> <li>- The paper is very deep and interesting and it contains new results . It fills the missing gap of classical electrodynamics theory, that is to describe the vacuum structure. However, I would recommend to split the paper into 3-4 shorter papers which then submitted in sequential order.</li> <li>- the author also has to explain the reasonind advantages of his vacuum field theory over other vacuum models, including classical aether theories.</li> <li>- In its present form the paper is not recommended for publications.</li> </ul>	

**Reviewer Details:**

Name:	<b>Anonymous</b>
Department, University & Country	<b><i>Malang Institute of Agriculture, Malang, Indonesia</i></b>