



**SDI Review Form 1.6**

Journal Name:	<b><u>Physical Science International Journal</u></b>
Manuscript Number:	<b>Ms_PSIJ_30035</b>
Title of the Manuscript:	<b>Theoretical Computation of Magnetic Field Density within the Vicinity of Rukpokwu 11 KVA Distribution Power Lines</b>
Type of the Article	<b>Original Research Article</b>

**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>Compulsory</b> REVISION comments	<p>The paper deals with the calculating of the magnetic field due to power distribution lines.</p> <p>The applied methods are elementary and do not merit an own publication. Furthermore, similar problems can be found in some elementary Physics textbook. (Giancoli, Douglas C. Physics: principles with applications. Pearson Education, 2005.)</p>	This paper involves computation of the magnetic field due to power distribution lines using mathematical software (Wolfram Mathematica 8.0) which enabled us facilitate the generation of the results of the magnetic field. This computation would be very difficult to achieve without the use of this software and may not necessarily be termed elementary.
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	I suggest the author/authors to make some simple experiments and compare the results.	As at when we did this computation, we didn't have access to magnetic field measuring equipment but computed results are in agreement with measured values in the literature. We also mentioned this in our discussion section.