



SDI Review Form 1.6

Journal Name:	<u>Physical Science International Journal</u>
Manuscript Number:	Ms_PSIJ_30061
Title of the Manuscript:	Finding on the Similarity between the Two Empirical Formulas: Temperature Dependence of Volumetric Expansion of Gas and Temperature Dependence of Resistivity of Conductor
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 <i>(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)</i>
<u>Compulsory</u> REVISION comments	<p>The manuscript presents an technological interesting tool that it can allow the indirect resistivity determination of the good electric conductors, basing on the specific volume and seek turns.</p> <p>It is well writing, but it lacks experimental results to prove the proposed equation. Considering that specific volume and resistivity measures of good conductors are very easy of measuring at laboratories.</p> <p>The bibliography is suitable, however it needs to be updated, the most recent citation is of 2014.</p> <p>The author bases their studies on the atomic vibration between gasses and solids (metals good drivers) and that this phenomenon is similar between gasses and metals, what doesn't shows the reality and it explains the mentioned deviations, even for the good drivers, considering that for the gasses there is not the crystalline structures interference.</p> <p>Completing, this equation must be tested and the results presented with a justification that illustrates the difference between the structures of crystalline solids and gases atomic vibration</p>	
<u>Minor</u> REVISION comments	No comments	
<u>Optional/General</u> comments	No comments	

Reviewer Details:

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