



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
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 (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 article is quite interesting but should be given a more scientific argument about pentingngnya study in this article</p> <p>Such as why and why this article on the pillowcase what scientific impact is expected)</p>	<p>In the part of abstract, introduction and conclusions, the manuscript has been updated for explaining the purpose of this study and the expected scientific impact.</p> <p>(abstract)</p> <p>In this study, I here find that there is a similarity between the two empirical formulas. The temperature dependence of atomic vibration is suggested as the cause of the similarity. In addition, it is suggested that the volumetric expansion of gas could be related with the atomic vibration. This finding of similarity will be helpful for our understanding in the features of intrinsic behaviors of a gas molecular motion.</p> <p>(conclusions)</p> <p>In this study, I find a similarity between the two empirical formulas, ...</p> <p>Thus, the finding of this similarity shows that the kinetic energy of a gas in Charles's law could be related with the atomic vibration. This is helpful to understand the features of intrinsic behaviors of a gas molecular motion for future research.</p>
<b>Minor</b> REVISION comments	See Figure 1 should be made more attractive	



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<b><u>Optional/General</u></b> comments	Decent article for publication with a little sharpening studies and may also be coupled relevant reference journals	Four relevant reference journals have been additionally added.  (reference) [6] Lonsdale K, Acta Cryst. 1948; 1: 142-149. [7] Jiang Q, Ao ZM and Zheng WT, Chemical Physics Letters 2007; 438: 102-104 [8] Kellett EA, Jackets BP, Richards BP, Carbon 1964; 2(2): 175-183. [22] Kazuyuki O and Yoshihide N, The society of Applied Physics 1971; 10(1): 99-108.
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