



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_32822
Title of the Manuscript:	Exact Calculation of the Internal Energy of the Ideal Gas in Statistical Mechanics
Type of the Article	Short Communication

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)
<u>Compulsory</u> REVISION comments	<p>Line 2-3: The word “previously” used in the abstract shows that this write-up is a follow up from the earlier one, so the title should reflect this.</p> <p>Line 6-7: The abstract is not clear and does not capture the write-up appropriately; it must be reconstructed to standard.</p> <p>Line 13-32: More explanations and references are needed with respect to the statistical mechanics.</p> <p>Line 94-98: Explanation is not clear, especially in trying to say that equation 13 must look like equation 16</p> <p>Line 120: The partial derivative $(\partial 1/\partial v)_u$ is wrong as it is equal zero.</p>	
<u>Minor</u> REVISION comments	<p>The paragraphing in lines 29, 46, 61, 85, 118, 123, 128, 148, 161, 168 and 175 are not necessary.</p> <p>Line 183-197: The references are poorly written and not up to standard</p>	
<u>Optional/General</u> comments	The author should consider and amend all the comments above before publishing.	

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