



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	This manuscript is a solid research. It is scientifically relevant and interesting, and the results and conclusions are very sound. I only have two minor remarks as listed in the attached review report.	
<u>Minor</u> REVISION comments	<p>1. The background and an academic literature survey are needed in the Introduction section.</p> <p>2. Though the study makes good contributions, the novelty of this study should still be described clearly.</p>	<p>The background is improved and 4 references were added.</p> <p>I added something about the novelty. However, I think that in general, the novelty was given explicitly. For example: in the Conclusions section I wrote about the new results: $C_p = C_v$; Mayer's relation is wrong; I explained a few paradoxes in thermodynamics; some derivatives in thermodynamic tables are wrong.</p>
<u>Optional/General</u> comments		Could you please correct my English in the highlighted additions? Thank you.