



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_50145
Title of the Manuscript:	Calculation of Relative Uncertainty when Measuring Physical Constants: CODATA Technique vs Information Method
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=sd-general-editorial-policy#Peer-Review-Guideline>)

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)
Compulsory REVISION comments	None	
Minor REVISION comments	None	
Optional/General comments	<p>This makes an interesting read.</p> <p>What bothers my mind however, is that the future of physical science constants is somewhat complex as more revelations emerge as we delve further into the science of the virtual world.</p> <p>The science of the virtual world is the 22nd Century science. The key here however, is that the paper smartly provides an insight into this dilemma and thus does a wonderful job at it. However, can the author attempt to streamline these concerns mathematically within the ambits of the paper?</p>	<p>Thanks</p> <p>The author fully agrees with the reviewer's remark.</p> <p>The author fully agrees with the reviewer's remark.</p> <p>In part, the author presented possible applications in science and technology of the mathematical apparatus of information theory in the following papers* - see below:</p> <p>At the same time, subsequent extensions of the scope of the application of the stated hypothesis require intensive intellectual efforts.</p> <p>The author hopes to present the results in the near future.</p>

*

1. Menin, B. (2019). Precise Measurements of the Gravitational Constant: Revaluation by the Information Approach, Journal of Applied Mathematics and Physics, 7(6), 1272-1288. http://file.scirp.org/pdf/JAMP_2019062614403787.pdf.
2. Menin, B. (2019). Progress in Reducing the Uncertainty of Measurement of Planck's Constant in Terms of the Information Approach, Physical Science International Journal, 21(2), 1-11. <http://www.journalpsij.com/index.php/PSIJ/article/view/30104/56478>. DOI <https://doi.org/10.9734/psij/2019/v21i230104>
3. Menin, B. (2019). On the Possible Ratio of Dark Energy, Ordinary Energy and Energy due to Information, American Journal of Computational and Applied Mathematics, 9(2), 21-25. doi:10.5923/j.ajcam.20190902.01.
4. Menin, B. (2019). The Boltzmann Constant: Evaluation of Measurement Relative Uncertainty Using the Information Approach, Journal of Applied Mathematics and Physics, 7(3), (2019), 486-504. doi: 10.4236/jamp.2019.73035.
5. Menin, B. (2019). A Look at the Uncertainty of Measuring The Fundamental Constants and the Maxwell Demon from the Perspective of the Information Approach, Global Journal of Researchers in Engineering: A mechanical and mechanics engineering, 19(1), version 1, 1-17. https://globaljournals.org/GJRE_Volume19/1-A-Look-at-the-Uncertainty.pdf.
6. Menin, B. (2018). h , k , N_A : Evaluating the Relative Uncertainty of Measurement, American Journal of Computational and Applied Mathematics, 8(5), 93-102. <http://article.sapub.org/10.5923.j.ajcam.20180805.02.html>. DOI: 10.5923/j.ajcam.20180805.02.
7. Menin, B. (2018). Information on the Service of Achieving High Accuracy of Models of Cold Energy Storage Systems, European Journal of Advances in Engineering and Technology, 2018, 5(9): 740-744. <http://www.ejaet.com/PDF/5-9/EJAET-5-9-740-744>.

PART 2:

	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)
Are there ethical issues in this	(If yes, Kindly please write down the	1. I, the alone corresponding



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manuscript?	<i>ethical issues here in details)</i>	<p>author, am authorized to submit this manuscript.</p> <p>2. Submission of the manuscript represent that the manuscript has not been published previously and is not considered for publication elsewhere.</p> <p>3. The manuscript, or any part thereof, is in no way a violation of any existing original or derivative copyright.</p> <p>4. The manuscript contains nothing obscene, indecent, objectionable or libelous.</p> <p>5. Declarations of interest: none</p>
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