



SDI Review Form 1.6

PART 1:

Journal Name:	<u>Physical Review & Research International</u>
Manuscript Number:	2013_PRR1_3910
Title of the Manuscript:	The weighed average geodetic of distributions of probabilities in the statistical physics
Type of the Article	Research Paper

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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>The paper develops some formulae that relate the nonequilibrium operator and other mathematical quantities used in statistical mechanics and superstatistics with the weighted geodetic average of probability distributions. These formulae are of certain interest and may have nice applications in mathematical physics. However, I believe that the above formulae are not presented very well and it should be better clarified how they are derived one from the other.</p> <p>In addition, the paper is not written in standard English and thus cannot be published in its present form (almost all the sentences need to be reworded). Then, I would recommend the author to revise the presentation of the mathematical formulae contained in the paper and to rewrite the whole manuscript in standard English.</p> <p>In my opinion, the paper can be considered for the publication only after such a main revision is done.</p>	In Conclusion add a paragraph that commented and clarified obtained in this work.
<u>Minor</u> REVISION comments		



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<u>Optional/General</u> comments	<p>The paper develops some formulae that relate the nonequilibrium operator and other mathematical quantities used in statistical mechanics and superstatistics with the weighted geodetic average of probability distributions.</p> <p>These formulae are of certain interest and may have nice applications in mathematical physics. However, I believe that the above formulae are not presented very well and it should be better clarified how they are derived one from the other.</p> <p>In addition, the paper is not written in standard English and thus cannot be published in its present form (almost all the sentences need to be reworded).</p>	