



SDI Review Form 1.6

PART 1:

Journal Name:	Physical Review & Research International
Manuscript Number:	MS: 2012/PRRI/2399
Title of the Manuscript:	The classical mechanics from the quantum equation.

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 9 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 looks very much like an abbreviated version of the author's arXiv contribution Ref. [5], but with very few words explaining symbols and derivations. For example: what is theta first encountered in Eq. 1, what is G of Eq. 5?</p> <p>There are inaccurate broad statements in the introduction showing that the author is unfamiliar with recent work in , such as p.1 line 29: “quite unknown QHA”. There is a textbook by R. E. Wyatt Quantum Dynamics with Trajectories: Introduction to Quantum Hydrodynamics, as well as a number of papers by Irene Brurghardt, Eric Bittner and others on the hydrodynamic formulation of TDSE.</p> <p>The scale parameter for the quantum potential would be useful for other researcher working with the quantum trajectory formulation, however without explanations one is lost in lambda_c, lambda_L, delta Omega etc.</p> <p>To summarize, the paper needs major rewriting to make it readable and reasonably self-contained. Relation to research of others should be discussed in the introduction with adequate references.</p>	<p>All symbols have been explained in the text and necessary details about derivation have been introduced . See for instance lines 79-82 and 94—100.</p> <p>The introduction has been changed and the references to the work cited by the referee have been introduced. (lines 41-45)</p> <p>The same as above, lambda_c, lambda_L have been described with much details and explanations. Delta Omega has been eliminated.</p> <p>The request has been satisfied and more than 23 additional references have been introduced.</p>



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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	Typesetting (size of parenthesis, the time derivative notation, different fonts for theta) could be improved. Makes it harder to read.	