



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">British Journal of Applied Science &amp; Technology</a>                                                           |
| Manuscript Number:       | 2013_BJAST_7727                                                                                                               |
| Title of the Manuscript: | <b>Dualisms and Symmetries in Physical Exergy Property and Generalized Formulation Related to the Carnot and Joule Cycles</b> |
| Type of the 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=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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compulsory</b> REVISION comments | <b>The paper is reasonably written and organized. The abstract reflects the contents of the paper. There is a need for a critical literature revision to support the paper objectives and findings. The conclusion section seems to be ok. The references need to be incremented and carefully analyzed.</b> | <p>The manuscript is revised by including a section entitled "Introduction" specifically dedicated to provide a dedicated summary of the main findings of Authors and Publications referred to in the manuscript. These findings are the outcome from an analysis previously carried out on the references, to ensure that the present proposal is original with respect to the existing literature, although in full compliance with fundamentals and conceptual framework commonly shared and accepted by the scientific community. Most of the mentioned Authors and papers are also cited in papers already published by the Author on the same matter and represent the ground of the extension of the concepts treated in this manuscript.</p> <p>References were incremented and rearranged within the text.</p> |
| <b>Minor</b> REVISION comments      | A deep literature revision is necessary.<br>Avoid repeated phrases and words                                                                                                                                                                                                                                 | The analysis of the literature has been the preliminary preparatory activity leading to finalize the present manuscript. A deep literature revision reported within the text of this manuscript would require a dedicated dissertation that is not intended to be proposed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



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|                                         |  | <p>in the present study. Anyway, as said above, a summary of the most important findings is reported in the section "Introduction". The same reference literature is mentioned and referred to also in the first part of the whole study mentioned in the outset entitled "Premise".</p> <p>Phrases and words repetition were detected and eliminated as much as possible to avoid a change in clarity of sentences.</p> <p>English has been corrected.</p> |
| <b><u>Optional/General</u></b> comments |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |