



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2015_BJAST_17533
Title of the Manuscript:	On the Reality of the Self-Field Lorentz-Force Accelerators
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=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		
<u>Minor</u> REVISION comments	This is a good work, however can be improving with the following corrections: -Please, place a more specific title. -Improve the quality of Figures. -Answer this point "it is shown that the effect of the Joule heating is much more than the Lorentz force effect especially in the self-field thrusters." from mathematic viewpoint. - Mention others paper where this results can be justified. -Please, speak about the importance of these results. -Please check this reference http://alfven.princeton.edu/papers/Sankaran-PoP-05.pdf.	*But I think it is proper title for this paper. * I revised the figures. * I showed this from numerical results. * I have studied this paper and some similar papers with similar titles before. The problem is exactly the title:"the Lorentz force accelerator"! I tried to show that it is the joule heating which acts as a driver, not the Lorentz force. The importance of this claim is from physical viewpoint, and it is to improve the idea about the driver forces in such thrusters.
<u>Optional/General</u> comments		