



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_14201
Title of the Manuscript:	A natural solution to the dark energy problem
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)
<u>Compulsory</u> REVISION comments	1) Add a better discussion in the introduction about the modified gravity models able to solve the problems of standard GR. Look at "Kaloper and Padilla" for the cosmological constant problem, and to "Pani, Sotiriou, Vernieri" for new gravity theories with auxiliary fields. Also cite accordingly such references. 2) Motivate in the bulk of the paper why you are still using for tachyons the same equation of state of radiation, even if the speed can exceed the speed of light in this case. Also add the relevant references for that. 3) Improve the Conclusions by discussing extensively the results of the paper and shed light on its future perspectives.	1. Thank you for suggesting these papers to enrich the discussion. I have put them in the revised version. 2. This is a result from statistical mechanics. Here we assume that the tachyons' speeds are just exceeding the speed of light. I have put more sentences to justify the equation of state. 3. Done.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		