



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 <i>(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)</i>
Compulsory REVISION comments		
Minor REVISION comments	In this paper, the author tries to use an approach to explain the slowing down acceleration of our universe expansion. The author claims that the existence of tachyonic particles can explain the observed slowing down acceleration and provide a natural solution to the origin of dark energy, in agreement with observational data. It is an interesting trial, even though it is simple. But there are some points to be clarified: 1- the widely accepted view is that of the speeding-up acceleration and not a slowing down acceleration scenario on which the author is based to propose his trial. The author should explain this and mention more related recent results challenging the first one. 2- The author should give more attention (discussion) to the possibility of the comparison of his results with the data obtained from CMB. 3- The English of the paper should be improved. In fact, there are some expressions throughout the text such as:	1. I have put more references to explain this. 2. I have already mentioned the possibility of the comparison of the results with data from CMB in the discussion. 3. Thanks for your suggestions. I have made the changes accordingly.



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	“...there are plenty of theoretical researches show (showing) that...” “.....particles is just exceed (exceeding) the ...” Conclusion: the paper can be published in the PSIJ after these improvements are done.	
<u>Optional/General</u> comments		