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Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_30140**
Title of the Manuscript:	**ON THE GRAVITATIONAL SHIELDING PHENOMENON**
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:

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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)*
Compulsory REVISION comments	**In this paper the author revisits Allais effect on the context of the gravitational shielding hypothesis. The paper provides a, relatively, up-to-date review of the problem but, in my opinion, the author fails to provide any explanation of his/her own.** **On paragraphs from line 61 to 82 and 98 to 113 a vague reference to a "Casimir effect" interpretation of gravity, developed in papers [9] and [10] of the bibliography, is given but I do not see how this interpretation could lead to an explanation of "Allais effect". I think the author should develop these ideas in greater detail (qualitatively and quantitatively) in order to this paper to be acceptable in this journal.**	
Minor REVISION comments	The author cites the experiment of Wang et al. as recent evidence on the reality of the effect. However, there have been other measurements: Kuusela et al. *Phys. Rev. D.* **74**, 122004 (2006) in which no trace of the anomaly has been found. Adding to the contradictory evidence there is other paper in which a correlation of torsion balances during an eclipse is claimed: A. F. Pugach and D. Olenici, Advances in Astronomy, vol. 2012, Article ID 263818. I think the author should comment these papers too to broaden the context of the exposition.	

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Optional/General comments	In my opinion the evidence on the Allais effect is very controversial and the possible conventional explanations (mainly the one by T. van Flandern and X. S. Yang, Phys. Rev. D 67, 022002 (2003)) have not been analyzed in sufficient detail. On the other hand the decrease of g_n in Wang's observation is so small (5-7 μgal) that it would suffice an increase of the solid tide around 3 cm (3 cm/Radius Earth = 5*10^(-9)) during the alignment of the Sun and the Moon, to explain away the phenomenon. (About solid tides see, for example: http://www.navipedia.net/index.php/Solid_Tides). A discussion about this in Section 3 would also be welcome.	

Reviewer Details:

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