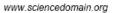
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Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_30140
Title of the Manuscript:	ON THE GRAVITATIONAL SHIELDING PHENOMENON
Type of the Article	Original Research Article

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This journal's peer review policy states that \underline{NO} manuscript should be rejected only on the basis of 'lack of Novelty', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	D. J.	A 11 - J
	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
a l principal	Y all all all and a second	should write his/her feedback here)
<u>Compulsory</u> 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.	
	0	
	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	
NA DEVIGUOUS	order to this paper to be acceptable in this journal.	
<u>Minor</u> REVISION comments	mi di si di cara di ca	
	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. <i>Phys. Rev.</i>	
	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:

Name:	Luis Acedo Rodríguez
Department, University & Country	Instituto Universitario de Matemática Multidisciplinar, Universitat Politècnica de València, Valencia, Spain

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