



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_37327
Title of the Manuscript:	Mesoscopic RLC Circuit and its Associated Occupation Number and Berry Phase
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>)

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	-----	
Minor REVISION comments	1. This is a good manuscript describing the use of harmonic oscillator to obtain the occupation number and Berry phase of RLC circuit. 2. This manuscript may be published with minor revisions below. 3. The reasoning for the time dependent mass $[M(t)]$ to be equal to the inductance (L) multiplied by an exponential function is still unclear. This might be some kind of a correspondence between the time-dependent harmonic oscillation and the mesoscopic RLC circuit. 4. In equation (22), as the occupation number does not depend upon time, hence the time dependency on the LHS of the equation need not be written. 5. The discussion (or comparison) upon the different solutions via the Ermakov the Milne-Pinney equations are not yet properly discussed.	
Optional/General comments		

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