



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_24969
Title of the Manuscript:	ANALYSIS OF ELECTRON CORRELATION IN THE MODIFIED SINGLE-BAND HUBBARD MODEL
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>)



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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	<p>Line 96- Hubbard Hamiltonian (HM) [9] reads – Does the number [9] suppose to indicate reference ?</p> <p>Line 122 - The correlated trial wave function.given – Rectify the mistake in full stop.</p> <p>Line 296 , Line 300, Line 304 – Labelling of Table 3.1-3.3 – Follow the previous labelling format (recommended)</p>	<p>Yes. It is a reference. And it has been inserted in the body and reference of the paper</p> <p>Correction has been effected.</p> <p>Table 3.1 ext. is an extension of table 3.1 for values of $l - 7 - 14$</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		