



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2015_PSIJ_18439
Title of the Manuscript:	Modified Lee-Low-Pines Polaron in Spherical Quantum Dot in an Electric Field. Part 2: Weak Coupling and Temperature Effect
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.

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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		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	<p>In this paper, author worked on the influence of electric field on the ground state energy of polaron in spherical semiconductor quantum dot (QD) using modified Lee Low Pines (LLP) method.</p> <p>There are lots of literature in the paper about the topic. There is a same paper in the literature;</p> <p>Physical Science International Journal, Modified Lee-Low-Pines Polaron in Spherical Quantum Dot in an Electric Field A. J. Fotue1* S. C. Kenfack1 , H. Fotsin2 , M. Tiotsop1 , L. C. Fai1 and M. P. Tabue Djemmo1,3, PSIJ, 6(1): 15-25, 2015; Article no.PSIJ.2015.029</p> <p>The paper published before,</p> <p>Physical Science International Journal, Modified Lee-Low-Pines Polaron in Spherical Quantum Dot in an Electric Field A. J. Fotue1* , S. C. Kenfack1 , H. Fotsin2 , M. Tiotsop1 , L. C. Fai1 and M. P. Tabue Djemmo1,3, PSIJ, 6(1): 15-25, 2015; Article no.PSIJ.2015.029</p>	<p>The paper published in Physical Science International Journal is the first path of this work and the paper was investigating the strong coupling while this second part investigate the weak coupling</p>