



SDI Review Form 1.6

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_38209
Title of the Manuscript:	APPROXIMATE K-STATE SOLUTIONS OF THE DIRAC EQUATION FOR MODIFIED ECKART PLUS INVERSE SQUARE POTENTIAL MODEL IN THE PRESENCE OF SPIN AND PSEUDO-SPIN SYMMETRY WITHIN THE FRAMEWORK OF NIKIFAROV-UVAROV METHOD
Type of the 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)
<b>Compulsory</b> REVISION comments	<p>In this manuscript, the authors scrutinize spin and pseudospin symmetries of the Dirac equation for Modified Eckart plus Inverse square potential within a zero-tensor interaction via the parametric Nikiforov-Uvarov method. This manuscript is an interesting work and the overall quality is Ok. It can be published in Physical Science International Journal because it contains some new results.</p> <p>However, there are some imperfections that need to be considered to improve its quality before this article can be in perfect condition for publication in Physical Science International Journal</p> <ol style="list-style-type: none"> <li>1. The manuscript should also be revised for some grammatical errors and punctuations in order to ensure its better understanding. For example: "The exact solutions of wave equations <b>are still an</b> interesting", " ManningÄRosen" , etc. The author(s) may consider given this manuscript to a native English speaker to proofread.</li> <li>2. The methodology is not recent since there is already a formula method [<i>Few-Body Syst.</i> 56 (2015) 63] which gives a better accuracy to bound state problems in a more simpler and compact form. With respect to this, the following Refs. are helpful: <i>Physical Review E</i> <b>93</b>(2016) 053201, <i>International Journal of Modern Physics E</i> 24 (2015) 1550087.</li> <li>3. The authors should add substantial text about spin and pseudospin to the introduction. The following Refs. will be useful: <ol style="list-style-type: none"> <li>a. Physica Scripta 87 (2013) 035002</li> <li>b. Chinese Physics B 22 (2013) 060305.</li> <li>c. Applied Mathematics and Computation 225 (2013) 775</li> <li>d. International Journal of Modern Physics E 23 (2014) 1450005.</li> <li>e. Annals of physics 341 (2014) 153.</li> </ol> </li> </ol> <p>Reformatting is required according to the above comments.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>

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