



**J. K. Press**

Journal Name:	<a href="#">Asian Journal of Mathematics and Computer Research</a>
Manuscript Number:	<b>Ms_AJOMCOR_11933</b>
Title of the Manuscript:	<b>Investigation Accuracy of Crank Nicolson Methods and Its Modifications Scheme for One-Dimensional Linear convection-reaction-Diffusion Equations</b>
Type of the Article	<b>Original Research Article</b>



## 1: Review Comments

	Reviewer's comment	Author's feedback
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"><li>1. Is the manuscript important for the scientific community? (Please write a few sentences on this manuscript)</li><li>2. Is the title of the article suitable? (If not please suggest an alternative title)</li><li>3. Is the abstract of the article comprehensive?</li><li>4. Are subsections and structure of the manuscript appropriate?</li><li>5. Do you think the manuscript is scientifically correct?</li><li>6. Are the references sufficient and recent? If you have suggestions for additional references, please mention them in the review form.</li></ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"><li>1. The paper focuses on a comparative study between the numerical solutions of One-Dimensional Linear Convection-Reaction-Diffusion Equations obtained using the Crank-Nicolson scheme and its modified version. It can be reconsidered after revisions based on my suggestions.</li><li>2. I would like to suggest title as "Investigating the Accuracy of Crank-Nicolson Methods and Their Modifications Scheme for One-Dimensional Linear Convection-Reaction-Diffusion Equations"</li><li>3. Re-write the abstract in more comprehensive way containing only main finding and results.</li><li>4. Re-write the "Results of Numerical Experiments" section to make it more suitable and readable. The results of example 1 should be mentioned afterward and so on.</li><li>5. A professional proof reading is needed. The punctuations of the manuscript are not properly placed. Please check all equations for this purpose.</li><li>6. Several typos and grammatical issues are found in the manuscript. I attach a file "Annotated article.pdf" where I annotated some of these corrections. I suggest you review the entire manuscript again for this purpose.</li><li>7. References are relevant and recent.</li></ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"><li>1. Is the language/English quality of the article suitable for scholarly communications?</li></ol>	<p>A professional proof reading is needed.</p>	



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<b>Optional</b> comments	Considering all the points above, I would give the authors a chance to revise the paper and fix all the issues. After that, I will recommend publication.	

## **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

## **Reviewer Details:**

Name:	<b>Uttam Kharde</b>
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