

**Review Form 1.7**

Journal Name:	<b>Asian Research Journal of Mathematics</b>
Manuscript Number:	<b>Ms_ARJOM_115297</b>
Title of the Manuscript:	<b>ON THE WAVELET-BASED GALERKIN FINITE ELEMENT TECHNIQUE FOR THE SOLUTION OF TIME-FRACTIONAL ADVECTION-DIFFUSION PROBLEMS</b>
Type of the Article	

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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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></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. <b>Yes, it is.</b></li> <li>2. <b>Yes, it is suitable.</b></li> <li>3. <b>No, it needs minor changes.</b></li> <li>4. <b>Yes.</b></li> <li>5. <b>Yes.</b></li> <li>6. <b>No. I will suggest few latest references.</b></li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<ol style="list-style-type: none"> <li>1. <b>Minor changes required. The manuscript should be checked again to fix any typos such as missing spaces and commas.</b></li> </ol>	
<p><b>Optional/General</b> comments</p>	<ol style="list-style-type: none"> <li>1. <b>WHAT ARE THE ADVANTAGES OF USING GALERKIN FINITE ELEMENT TECHNIQUE ? Write few lines on its convergence and stability.</b></li> <li>2. <b>Write few lines on Iweobodo-Mamadu-Njoseh Wavelet.</b></li> <li>3. <b>Write few lines on Mamadu-Njoseh Polynomials.</b></li> <li>4. <b>Can you add a section representing the Novelty of the problem and comparison of this work with previous studies?</b></li> <li>5. <b>I suggest revising the abstract. The abstract should contain the summary of your work with best-achieved results from the performed analysis.</b></li> <li>6. <b>The introduction is so short. Revise it. Cite these studies:</b>  <a href="https://doi.org/10.1016/j.cmpb.2020.105313">https://doi.org/10.1016/j.cmpb.2020.105313</a>, <a href="https://doi.org/10.1007/s10237-020-01338-z">https://doi.org/10.1007/s10237-020-01338-z</a>  <a href="https://doi.org/10.1140/epjp/s13360-022-02796-3">https://doi.org/10.1140/epjp/s13360-022-02796-3</a>,  <a href="https://doi.org/10.1016/j.cjph.2022.10.013">https://doi.org/10.1016/j.cjph.2022.10.013</a> </li> <li>7. <b>Add nomenclature for all the symbols and abbreviations.</b></li> <li>8. <b>Please use at least 3 non-linear complicated problems as an example.</b></li> <li>9. <b>The introduction is so short. Cite all of these Jacobian matrix based studies to enhance your introduction:</b>  <a href="https://doi.org/10.1016/j.combiomed.2022.106250">https://doi.org/10.1016/j.combiomed.2022.106250</a>, <a href="https://doi.org/10.1140/epjs/s11734-022-00723-2">https://doi.org/10.1140/epjs/s11734-022-00723-2</a>  <a href="https://doi.org/10.1016/j.cjph.2022.11.022">https://doi.org/10.1016/j.cjph.2022.11.022</a>,  <a href="https://doi.org/10.1016/j.combiomed.2022.106386">https://doi.org/10.1016/j.combiomed.2022.106386</a>  <a href="https://doi.org/10.1007/s40571-022-00539-w">https://doi.org/10.1007/s40571-022-00539-w</a>, <a href="https://doi.org/10.1007/s00419-022-02343-7">https://doi.org/10.1007/s00419-022-02343-7</a>  <a href="https://doi.org/10.1142/S0217979223501874">https://doi.org/10.1142/S0217979223501874</a>, <a href="https://doi.org/10.1063/5.0134777">https://doi.org/10.1063/5.0134777</a> </li> <li>10. <b>Add keywords and conclusion section.</b></li> </ol>	

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**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:**

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