



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Advances in Mathematics and Computer Science</a>
Manuscript Number:	<b>Ms_JAMCS_44846</b>
Title of the Manuscript:	<b>Fully Implicit five-quarters Computational Algorithms of order five for Numerical Approximation of Second order IVPs in ODEs</b>
Type of the Article	<b>Original Research Article</b>

**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>)

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>x-values in Table 1, 3,4 and 7 are not of constant <i>steps</i>. Kindly explain. Those of the remaining Tables are of constant steps. Those this mean that the algorithm used in the latter Tables are of constant <i>steps</i> and that of the former are of variable <i>steps</i>?</p> <p><b>Line 345- 346:</b> ...and gives better approximation than <i>some</i> existing methods. Kindly restrict the efficacy of your algorithm to the examples you solved only.</p> <p><b>Line 345-346:</b> ... The method can also solve application problem "Dynamic Problem". The above phrase needs to be removed from your Conclusion. Your conclusion should be strictly based on what you have done.</p> <p><b>Line 9:</b> <i>Initial value problems</i> should be Initial Value Problems</p>	
<b>Minor</b> REVISION comments	<p>Use Standard form (e, g., <math>7.93 \times 10^{-14}</math>) to represents values in Table 1- 7. Numbers are mixed with each other causing confusion.</p> <p>Y-approximated and Y-computed are confusing terms. Which one is the exact solution? 'computed' and 'approximated' values could be used to mean numerical result. Rather, use 'Y-Exact' and 'Y-approximated' appropriately.</p> <p>Line 191: <i>t</i> should be in italics</p>	
<b>Optional/General</b> comments		

**PART 2:**

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



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**Reviewer Details:**

Name:	<b><i>Aliyu Bhar Kisabo</i></b>
Department, University & Country	<b><i>Nigeria</i></b>