

Review Form 3

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_120508
Title of the Manuscript:	The Numerical Application of Dynamic Problems Involving Mass in Motion Governed by Higher Order Oscillatory Differential Equations
Type of the Article	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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript introduces a novel one-step block method with eight partitions for solving higher-order initial value problems, promising improved accuracy and faster convergence. Its broad applicability to fields like physics, biology, chemistry, and economics makes it a valuable tool for tackling complex differential equations. The rigorous numerical analysis ensuring essential conditions adds to its reliability and potential impact on scientific research.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Yes, No changes required</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript appears scientifically robust and technically sound due to its rigorous formulation using the linear block approach and thorough numerical analysis to ensure essential and sufficient conditions. The method's effectiveness is demonstrated through applications to second, third, and fourth-order differential equations, showing faster convergence and improved accuracy compared to existing methods.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. =</p>	<p>Yes, No additional references required</p>	
<p>Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?</p>	<p>No revision required Yes, the language quality of the article appears suitable</p>	
<p>Optional/General comments</p>		

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PART 2:

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

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