

Review Form 1.7

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_106890
Title of the Manuscript:	Linear Hybrid Multistep Block Method for Direct Solution of Initial Value Problems of Third Order Ordinary Differential Equations
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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>1- Ibrahim ZB, Nasarudin AA. A class of hybrid multistep block methods with a–stability for the numerical solution of stiff ordinary differential equations. <i>Mathematics</i>. 2020 Jun 4;8(6):914.</p> <p>2- Akinfenwa OA, Abdulganiy RI, Akinnukawe BI, Okunuga SA. Seventh order hybrid block method for solution of first order stiff systems of initial value problems. <i>Journal of the Egyptian Mathematical Society</i>. 2020 Dec;28:1-1.3- Modebei MI, Jator SN, Ramos H. Block hybrid method for the numerical solution of fourth order boundary value problems. <i>Journal of Computational and Applied Mathematics</i>. 2020 Oct 15;377:112876.</p> <p>4-Cole AT, Abd'gafar TT. Hybrid Block Method for Direct Solution of General Fourth Order Ordinary Differential Equations using Power Series Function. 6th International Conference on Mathematical Analysis and Optimization: Theory and Applications (ICAPTA 2019).</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>English can be improved. Also, check references for the same format</p>	
<p>Optional/General comments</p>	<p>The paper addresses a significant topic in numerical methods for ODEs. However, some improvements are needed in terms of clarity, language, and reference formatting. Ensure that all references are formatted consistently.</p> <p>The manuscript presents a contribution to the field of numerical methods for ODEs. However, to meet the standards for publication, it is important to address the issues related to language, coherence, and references. A careful revision will significantly improve the manuscript's quality and overall impact.</p> <p>It is advisable to include additional references relevant to the topic to provide a broader context for the research.</p> <p>1- Ibrahim ZB, Nasarudin AA. A class of hybrid multistep block methods with a–stability for the numerical solution of stiff ordinary differential equations. <i>Mathematics</i>. 2020 Jun 4;8(6):914.</p> <p>2- Akinfenwa OA, Abdulganiy RI, Akinnukawe BI, Okunuga SA. Seventh order hybrid block method for solution of first order stiff systems of initial value problems. <i>Journal of the Egyptian Mathematical Society</i>. 2020 Dec;28:1-1.</p> <p>3- Modebei MI, Jator SN, Ramos H. Block hybrid method for the numerical solution of fourth order boundary value problems. <i>Journal of Computational and Applied Mathematics</i>. 2020 Oct 15;377:112876.</p> <p>4-Cole AT, Abd'gafar TT. Hybrid Block Method for Direct Solution of General Fourth Order Ordinary Differential Equations using Power Series Function. 6th International Conference on Mathematical Analysis and Optimization: Theory and Applications (ICAPTA 2019).</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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