

ReviewForm1.7

JournalName:	AsianResearchJournalofMathematics
ManuscriptNumber:	Ms_ARJOM_117344
TitleoftheManuscript:	Blockmulti-derivativelinearmultistepmethodsfor-solvingfirst,secondandthirdorderordinarydifferentialequations
TypeoftheArticle	Article

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PART1:ReviewComments

	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>This work is well written, which makes its results very interesting for readers. The formulations are precise, the results are interesting and reasonable. Several characterizing examples with numerical results are given. The results are provided with a drawing and tables.</p> <p>Yes</p> <p>No</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>This study is interesting for a circle of readers and researchers. Its results can be used for further research.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>This article investigates a block multiderivative linear multistep single-block method for solving initial problems of the first, second and third orders of ordinary differential equations. The derivation of methods is achieved by applying interpolation and collocation techniques to a power series polynomial, which is considered as an approximate solution to problems. Terms of higher derivatives are introduced to increase the order of accuracy of the method, and also make it possible to modify the method for solving initial problems (IVP) of second and third order ordinary differential equations (ODE). A detailed description of the block method is presented, which shows that the method is zero-sum, robust, consistent, and convergent. The method will be used in the block for solving real problems of initial value problems (EPP) of the first second and third order of ordinary differential equations.</p> <p>This work is well written, which makes its results very interesting for readers. The formulations are precise, the results are interesting and reasonable. Several characterizing examples with numerical results are given. The results are provided with a drawing and tables.</p> <p>Due to the above, I recommend this work for publication in the Asian Research Journal of Mathematics.</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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