

Review Form 1.7

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_103447
Title of the Manuscript:	The Physical Application of Motion Using Single Step Block Method
Type of the 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 '**Jack 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:

(<https://www.journalajrcos.com/index.php/AJRCOS/editorial-policy>)

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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>1-Yes, The single-step block method for addressing second-order initial value issues proposed in the book is crucial for the scientific community. It presents a brand-new method with benefits like fewer errors and less computational work. The manuscript advances numerical approaches and can increase the precision and effectiveness of scientific computations. 2- Single-Step Block Method for Second Order Initial Value Problems</p> <p>3-yes</p> <p>4-yes</p> <p>5-yes</p> <p>6-</p> <p>1-Ma X, Xie D, Yao L, Xie S. Extensions of single-step method for equations of motion from multibody dynamics. Mechanism and Machine Theory. 2022 Nov 1;177:105034.</p> <p>2-Garloff J. Block methods for the solution of linear interval equations. SIAM Journal on Matrix Analysis and Applications. 1990 Jan;11(1):89-106.</p> <p>3-Jafarian A, Ghaderi P, Golmankhaneh AK. Construction of soliton solution to the Kadomtsev-Petviashvili-II equation using homotopy analysis method. Romanian Reports in Physics. 2013 Jan 1;65(1):76-83.</p> <p>4-Jafarian A, Measoomy Nia SA, Golmankhaneh AK, Baleanu D. Numerical solution of linear integral equations system using the Bernstein collocation method. Advances in Difference Equations. 2013 Dec;2013:1-5</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Please correct the grammar is considered</p> <p>Draw your attention to the punctuation in your manuscript.</p>	
<p>Optional/General comments</p>		

PART 2:

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

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