



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_46477
Title of the Manuscript:	Boundary Value Method for Numerically Solving Fifth-order Boundary Value Problems
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:

<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>

**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)
<b>Compulsory</b> REVISION comments	<p>In this work, fifth-order boundary-value problems (bvps) in ordinary differential equation have been solved numerically using boundary value method. A continuous linear multistep method has been developed with continuous coefficients. This constitutes appropriate methods termed the main and additional methods, which are applied sequentially in blocks to approximate the solution. The method is shown to be flexible in handling linear and nonlinear fifth order bvps. The convergence of the method has also discussed. Several numerical examples were shown to illustrate the superiority of the method developed as the approximate solutions derived from the method compared to the exact solutions of the problem, and other methods from existing literature.</p> <p>The paper is good and deserves to accept in the journal. But there are some mistakes need attention:</p> <ol style="list-style-type: none"> <li>1. Eq. (2.2) is not correct.</li> <li>2. At page 2. Explain how the collocation equations were obtained.</li> <li>3. From Eq. (3.1) and onward several typos are present.</li> <li>4. Some graphical and physical interpretation should given</li> <li>5. Introduction should make strong as citing recent work:             <ol style="list-style-type: none"> <li>i. Amjad Ali<sup>1</sup>, Bessem Samet, Kamal Shah and Rahmat Ali Khan, Existence and stability of solution to a toppled systems of differential equations of non-integer order, Boundary Value Problems (2017) 2017:16</li> <li>ii. Kamal Shah, Samia Bushnaq, Numerical treatment of fractional endemic disease model via Laplace Adomian decomposition method, Journal of Science and Arts, 2(39) (2017)257-268</li> <li>iii. Nigar Ali, Kamal Shah, Dumitru Baleanu, Muhammad Arif and Rahmat Ali Khan, Study of a class of arbitrary order differential equations by a coincidence degree method, Boundary Value Problems (2017) 2017:111</li> </ol> </li> </ol>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		



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**PART 2:**

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

**Reviewer Details:**

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