



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_54751
Title of the Manuscript:	NEW TECHNIC OF ADOMAIN DECOMPOSITION METHOD FOR BOUNDARY VALUE PROBLEMS OF HIGHER-ORDER ORDINARY DIFFERENTIAL EQUATION'S
Type of the Article	Original 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>Authors suggest a modification of ADM by combining previous work that interested in modifying the ADM (See suggested references). With applications to different-type BVPs, the modification works well. Please make the following corrections to introduce the paper in its best form and to be appropriate for publication:</p> <ol style="list-style-type: none"> <li>1. Title may be more convenient if "New Technic of ..." is replaced by "New Modified Adomian ...".</li> <li>2. The literature, Introduction and simulation results, must be reviewed and updated. As an example: use the abbreviations, like ADM, in the body text.</li> <li>3. It is always easy to validate results either numerically. Authors could discuss, even briefly, the convergence analysis of used Algorithm.</li> <li>4. sections should be properly written and. To update the literature survey regarding</li> <li>5. give equation numbers for all equations.</li> <li>6. Following relevant references should be properly cited:</li> </ol> <p>Higher order numeric solutions of the Lane-Emden-type equations derived from the multi-stage modified Adomian decomposition method, <i>Int. J. Computer Math.</i>, 94 (2017), no. 1, 197-215. <a href="https://doi.org/10.1080/00207160.2015.1100299">https://doi.org/10.1080/00207160.2015.1100299</a></p> <p>A. Numeric-analytic solutions for nonlinear oscillators via the modified multi-stage decomposition method. <i>Mathematics</i> 2019, 7, 550. Modified Laplace decomposition method, <i>World Appl. Sci. J.</i>, 18 (2012), no. 11, 1481-1486. Modified Adomian-Rach decomposition method for solving nonlinear time-dependent IVPs, <i>Appl. Math. Sci.</i> 11 (8) (2017) 387–395.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

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

Reviewer Details:

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