

Review Form 1.7

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_97606
Title of the Manuscript:	HERMITE POLYNOMIAL-BASED METHODS FOR OPTIMAL ORDER APPROXIMATION OF FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS
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:

(<https://www.journaljamcs.com/index.php/JAMCS/editorial-policy>)

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> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Comments:</p> <ol style="list-style-type: none"> 1) Some typos exist in the manuscript. 2) English grammar throughout the manuscript should be revisited. 3) Keywords should not include the words already used in the title of the manuscript and not more than 5 Keywords. 4) More informative Abstract should be provided, like adding more research methodology description and adding the results of example simulation. 5) The introduction section of the paper is poorly written. The authors review much literature in Introduction. However, there lacks discussion and analysis to lead to the research aim of this research. The authors did not make clear of the research gap that this study fills in versus existing literature. In the end of the Introduction, a brief organizational overview is suggested to be added to facilitate readers. 6) Future recommendations should be added to assist other researchers to extend the presented research analysis. 7) The following articles are suggested to be cited to enrich the current study: * Atshan, S., and A. Hamoud. "Approximate solutions of fourth-order fractional integrodifferential equations." Acta Universitatis Apulensis 55, no. 3 (2018): 49-61. * Hamoud, A. A., Mohammed, N. M., Ghadle, K. P., & Dhondge, S. L. (2019). Solving integro-differential equations by using numerical techniques. International Journal of Applied engineering research, 14(14), 3219-3225. * Hamoud, Ahmed A., Nedal M. Mohammed, and Kirtiwant P. Ghadle. "Some powerful techniques for solving nonlinear Volterra-Fredholm integral equations." Journal of Applied Nonlinear Dynamics 10, no. 3 (2021): 461-469. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 		
<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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