

Journal Name:	Asian Journal of Mathematics and Computer Research
Manuscript Number:	Ms_AJOMCOR_12554
Title of the Manuscript:	NUMERICAL SOLUTIONS OF THE SYNERGY BETWEEN MATHEMATICAL MODELS AND ARTIFICIAL INTELLIGENT (AI) USING FINITE DIFFERENCE METHOD
Type of the Article	

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Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The authors incorporate AI with FDM in solving the PDEs and also improves the computational model within mathematical modeling areas. The main aim of the study is done using AI-augmented FDM on several PDEs, such as the heat equation, wave equation, Laplace's equation, and Burger's equation, all of which are coded in Python. Computer-based simulations show that integrating AI technology with FDM lets decision-makers adapt optimization processes in real time to fine-tune solutions based on resource constraints and allocate more effort in high-error margin zones.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>In this title the word "SYNERGY" is not suitable.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>In the abstract part abription is not recommended so expand the abrivations AI, FDM, PDEs.....</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>No as we have seen from your section. The method is not expressed the method is FDM for all model problems.</p>	
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<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the</p>	<p>The references are recent but the references are not sufficient.</p>	

review form. =		
<u>Minor REVISION</u> comments Is the language/English quality of the article suitable for scholarly communications?		
<u>Optional/General</u> comments		

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	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>	

Reviewer Details:

Name:	Nuru Ahmed Endrie
Department, University & Country	Arba Minch University, Ethiopia