

Review Form 1.7

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_102641
Title of the Manuscript:	Solving The Hyperbolic Telegraph Equation Using a Modified Adomian Decomposition Method with an Invertible Partial Differential Operator
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.journalarjom.com/index.php/ARJOM/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> <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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Yes, the scientific community can benefit from the manuscript.</p> <p>2. Yes, the title of the article is suitable.</p> <p>3. In the abstract section, some significant and key results should be presented.</p> <p>4. The comparison section is not clear, it should be clearly written.</p> <p>5. Motivation of the work is absent. Include the motivation of the work.</p> <p>6. References 1 and 2 are not cited in the text. Most of the sentences are included without references, e.g., "It was originally developed by Oliver Heaviside in 1876 to model the telegraph wires, but it can also be applied to other types of transmission lines, such as radio frequency conductors, telephone lines, power lines, and pulses of direct current. The telegraph equation has many applications in engineering and physics, such as telecommunication signal transmission, microwave propagation, electromagnetic waves, and nerve impulse conduction.". The author used both linear and nonlinear models in the manuscript, but not enough nonlinear models were used in the introduction section. The authors should amend or revise their manuscript based on the following nonlinear models: doi.org/10.1007/s11082-023-04771-3, doi.org/10.1016/j.rinp.2023.106535, doi.org/10.1140/epjp/s13360-021-01343-w, doi.org/10.1016/j.rinp.2022.105946.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The English writing of the paper is required to be improved. Please check the manuscript carefully for typos and grammatical errors. I found some typos and grammatical errors within this manuscript, even in the Abstract. Also, the English structure of the article, including punctuation, semicolon, and other structures, must be carefully reviewed.</p>	
<p>Optional/General comments</p>		

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PART 2:

	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>	

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