Review Form 1.6

Journal Name:	**Journal of Advances in Mathematics and Computer Science**
Manuscript Number:	**Ms_JAMCS_88923**
Title of the Manuscript:	**Analytical Solution of Linear Fractional Partial Differential Equation of Order $0 < \alpha \leq 1$ by Improved Adomian Decomposition Method**
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)

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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)*
Compulsory REVISION comments	Authors employed Improved Adomian Decomposition Method to process Fractional Linear PDE. The paper is well-written and includes basic facts and concepts. Figures are appropriately labelled, and helpful legends are provided. The work was well done but results must be expanded. Language is good and need not to be modified. Authors must consider the following issues: 1. Solving other examples, nonlinear and nonhomogeneous. 2. Comparing their results with the other existing. 3. To enrich this paper and make it widely read, the following recent works must be cited: 3.1. https://doi.org/10.3390/math7060550 3.2. 10.5829/idosi.wasj.2012.18.11.1522 3.3. Revised reduced differential transform method using Adomian's polynomials with convergence analysis. Mathematics in Engineering, Science and Aerospace (MESA). 2020; 11(4): 827-840 3.4. https://doi.org/10.12988/ams.2017.714 3.5. Modified Laplace decomposition method. *World Appl. Sci. J.* **2012**, *18*, 1481–1486. 3.6. An approximate analytic solution for isentropic flow by an inviscid gas equations. *Arch. Mech.* **2014**, *66*, 203–212 3.7. New applications of Adomian decomposition method. *Middle-East J. Sci. Res.* **2015**, *23*, 735–740. 3.8. A new convergence proof of the Adomian decomposition method for a mixed hyperbolic elliptic system of conservation laws. *Appl. Math. Comput.* **2010**, *217*, 4248–4256. 3.9. Construction of solutions for mixed hyperbolic elliptic Riemann initial value system of conservation laws. *Appl. Math. Model.* **2013**, *37*, 6018–6024.	
Minor REVISION comments		
Optional/General 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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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