

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_128342
Title of the Manuscript:	Nonlinear Partial Differential Equations in Fractional Sobolev Spaces: Existence, Regularity, and Stability.
Type of the Article	

Review Form 3

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The title of the article needs to be slightly modified. Given that the stability of the solution appears in the title, it is necessary to see a subtitle appear in the document entitled "stability of the weak solution". I suggest that the author list all the theorems and then make the discussions in the "main theorems and discussions" section.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is not suitable Nonlinear Partial Differential Equations in Fractional Sobolev Spaces : Existence, Regularity, and Stability of weak solution.	
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.	The abstract of the article is comprehensive. I have nothing to add.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and recent. But, for the first reference, Lehner, P. (2024). Well-posedness of a first-order time nonlinear wave equation with non-homogeneous Dirichlet or Neumann type boundary conditions in fractional Sobolev spaces, there is an entry problem to be corrected : the author must return to the line. 1. Lehner, P. (2024). Well-posedness of a first-order time nonlinear wave equation with non-homogeneous Dirichlet or Neumann type boundary conditions in fractional Sobolev spaces. arXiv:2409.17254. https://arxiv.org/abs/2409.17254 .	
Is the language/English quality of the article suitable for scholarly communications?	The language/English quality of this article is suitable for scholarly communications.	
Optional/General comments	No comment	

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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