

Review Form 3

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_122793
Title of the Manuscript:	Existence and uniqueness of solution of Hadamard-type temporal fractional equations and numerical application using the SBA plus method
Type of the Article	Original Research Article

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION 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>
<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>This manuscript focuses on the existence and uniqueness of solutions for Cauchy problems involving fractional Hadamard differential equations based on the Weissinger's fixed-point theorem. In my opinion, this paper presents some significant advancements compared to previous work. However, there are still some shortcomings that require resolution. The topic is intriguing, and I recommend accepting this paper after carefully considering the following points:</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>There are some typos and English errors in the manuscript, so the authors should be checked it more careful.</p> <p>What are the primary challenges encountered in the course of this study? Please check all the given references to be cited in your work.</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>The motivations for studying Hadamard fractional derivative is unclear and should be elaborated upon provide to better context and justifications</p> <p>Mention clearly your contribution in comparison with the existing literature.</p> <p>. In subsection 2.2, line no. 3 should be replaced "α" instead of "alpha".</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>What if a space is not an absolute continuous function? In subsection 2.4, Weissinger's fixed point theorem, please rewrite the statement. Replace the words "application" with "mapping", and "single fixed point" with "unique fixed point".</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>What are the abbreviations of EDF and EDO? What about your solution's completeness in the existence part?</p> <p>What about your solution's completeness in the existence part?</p> <p>Why do you choose particularly SBA plus method for numerical applications?</p> <p>Why do you give partial derivative examples in this paper? Explain the importance.</p> <p>Please include your future work on this topic in the conclusion part.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>=</p>	<p>We suggest the authors improve the scientific basis of their study by incorporating more research papers on fractional types equations. We suggest the following two references</p> <p>K. Muthuselvan, B. Sundaravadivoo, Analyze existence, uniqueness and controllability of impulsive fractional functional differential equations, Advanced Studies: Euro-Tbilisi Mathematical Journal, 10 (2022) 171-190.</p> <p>□ K. Muthuselvan, B. Sundaravadivoo, K.S. Nisar, S. Alsaeed, Discussion on iterative process of nonlocal controllability exploration for Hilfer neutral impulsive fractional integro-differential equation, AIMS Mathematics, 8(7) (2023) 16846–16863.</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Therefore, I suggest a MAJOR REVISION to the paper.	
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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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