

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>
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.	This fractional order differential equations are nonlocal and therefore memory preserving operators. This advantage leads the researchers to modelling of the real-world phenomena by the use of the fractional-order differential equations. In view point of analytical advantages it is proven fact that the fractional order operators generalize the integer order corresponding operators. So, this is a very challenging field to research and study the functional environment of various classes of the fractional differential equations. In this way, the Hadamard fractional differential equations are one of the most popular class of fractional order operators that recently have gained scientific attraction.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes. The title is suitable for the Journal.	
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.	Yes. The main research line has been compacted in the Abstract	
Are subsections and structure of the manuscript appropriate?	No. The organization of this manuscript is not acceptable. In my mind, one the most important Reasons that this manuscript is not ready to publish is this issue. There is no any definition, lemma, theorem and so on in this manuscript.	
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>1. The current mathematical analysis sounds to be correct. But there is an issue regarding the Comprehensiveness of technical lemmas. For instance, the authors have to prove that why the Hadamard-type fractional differentiation and integration operators are mutual inversions while it is known that this Assertion is not true. (Please take a look at examples).</p> <p>2. Considering the numerical examples, we have a numerical approach named SBA+ Method, Without any explanation of this numerical procedure. In such situations, the researchers have to describe Both of the analytical as well as numerical methods applied into the research work.</p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The authors could cite numerous updated articles for the Hadamard-type fractional operators published in 2024. So, we cannot accept this bibliography as it is expected.	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Unfortunately, the most basic issue in this manuscript is the English language quality in preparation of this draft.</p> <p>There are so many misprints as well as incorrect and inexpressive sentences. As some instances we have:</p> <ol style="list-style-type: none">1- Introduction, lines 4_-3_, "hence the need to ..."2- Page 2, lines 6+, 7+, "we devoted" has to be replace by "the section 4 is devoted to ...".3- Definition 2.1 "of order for"4- Statement of definition 2.25- What is the abbreviation "EDF"6- 2.4 "Application A:....".	
<p><u>Optional/General</u> comments</p>	<p>The comments mentioned in the above boxes.</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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