

Journal Name: [Asian Journal of Mathematics and Computer Research](#)
 Manuscript Number: **Ms_AJOMCOR_12589**
 Title of the Manuscript: **New Fixed point results in F -metric space**
 Type of the Article

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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.

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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	This manuscript is a significant contribution to the scientific community in the sense that it advances the theory of fixed points in F-metric spaces, which is a relatively new area of interest within functional analysis and nonlinear mathematics. The work generalizes a number of classical results, using new contractive conditions that prove the existence and uniqueness of fixed points, broadening the applicability of fixed-point	

<p>part.</p>	<p>theorems. It also demonstrates practical relevance by solving systems of linear algebraic equations, showing the utility of theoretical findings in concrete mathematical problems. These contributions open pathways for further research in generalized metric spaces and their applications in mathematical physics, stability analysis, and beyond.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title "New Fixed Point Results in F-Metric Space" is quite descriptive and does reflect the main theme of the paper, but it can be made even more precise for clarity and scope of the work. Here are some alternative suggestions:</p> <p>"New Fixed Point Theorems in F-Metric Spaces: Generalizations and Applications" Emphasizes the practical applications of the results.</p> <p>"Advancing Fixed Point Theory: Existence and Uniqueness in F-Metric Spaces" It emphasizes the advancement in fixed-point theory.</p> <p>"Fixed Point Results for Contractive Mappings in F-Metric Spaces" Focuses on the important methods used in the research.</p> <p>"Generalized Fixed Point Theorems and Applications in F-Metric Spaces" It stresses the generalization and applied aspects of the research.</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 abstract gives a brief outline of the thesis, mentioning the presence and uniqueness of fixed points through certain contractive conditions in F-metric spaces. However, while this introduces the problem, it could be considerably clearer and more detailed. Specific suggestions include the following:</p> <p>Additions:</p> <ol style="list-style-type: none"> 1. Emphasizing the contribution: State explicitly how the result generalizes or improves classical fixed point theorems. State briefly anything unique such as a new contractive condition or application. 2. Applications: Provide samples or real problems treated, solving systems of linear algebraic equations. 3. Importance: Append a statement on how the work relates to the field of mathematical analysis or its applications at large. 	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Recommendations for Validation:</p> <ol style="list-style-type: none"> 1. Check References: Verify all citations for accuracy and ensure that the generalizations are appropriately attributed and credited to previous works. 2. Peer Review: Ensure the manuscript undergoes rigorous peer reviews by experts in fixed-point theory or functional analysis. 3. Test Examples: Consider adding numerical examples or further applications to increase reliability for theorem under discussion. 	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Your manuscript references crucial works in the realm of F-metric spaces and fixed-point theory. It comprises references to both seminal works and very recent studies, which are key for defining the context of your inquiry. Specifically, referencing the works of Jleli and Samet (2018), among others, on F-metric spaces and contractive mappings, situates your paper within wider recent developments in the generalisation of metric spaces.</p> <p>Although these references are significantly solid and based on classical and recent fixed-point theory, they need further enhancement by adding a few fresh weekends especially in the time frame between 3-5 years. Would make a more substantial impact in boosting the location of this manuscript in the recent research landscape.</p>	

Is the language/English quality of the article suitable for scholarly communications?

Areas for Improvement:

1. Clarity and Flow:

- Some sentences could be restructured for clarity and smoother flow. For example, instead of "The obtained results generalize and extend some known results in the literature," consider: "The results obtained generalize and extend several known results in the literature."

2. Grammar and Word Choice:

- Minor grammatical issues need attention to improve the overall fluency. For example:
 - "De□nition" should be "Definition."
 - "fixed point" should be capitalized as "Fixed Point" when it begins a sentence or is used as a proper noun in certain contexts.

3. Consistency:

- Ensure that terms like "F-metric space," "contractive conditions," and "fixed point" are used consistently throughout the paper, including in the abstract, theorems, and references.

4. Complex Sentences:

- Some sentences are long and can be broken up for better readability. For example:
 - "Let $(X,D)(X,D)(X,D)$ be an F-metric space, and let $g:X \rightarrow Xg: X \rightarrow Xg: X \rightarrow X$ be a continuous ppp-contraction mapping."
 - This could be revised as:
"Let $(X,D)(X, D)(X,D)$ be an F-metric space. Let $g:X \rightarrow Xg: X \rightarrow Xg: X \rightarrow X$ be a continuous ppp-contraction mapping."

5. Punctuation and Typos:

- Pay attention to punctuation, especially in theorems and equations, where clarity is paramount.
- Ensure that there are no typographical errors such as missing spaces after punctuation marks.

Specific Suggestions for Improvement:

- **Abstract:** Consider restructuring it for smoother flow and more precise

	<p>language. For example, "The obtained results generalize and extend some known results in the literature" could be rewritten as: "The results presented extend and generalize existing work in the literature."</p> <ul style="list-style-type: none">• Consistency in Definitions: If you introduce terms such as F-metric space or contractive mapping, make sure they are defined clearly and consistently each time they appear. This avoids confusion and reinforces clarity.• Transition Between Sections: In sections where the manuscript shifts from theory to application (e.g., from proving theorems to their examples), transitional phrases can improve the smoothness and coherence. For instance:<ul style="list-style-type: none">○ "We now move on to illustrating the application of these results..." or○ "Having established the theoretical results, we proceed to demonstrate their utility in solving systems of equations..." <p>Conclusion:</p> <p>The manuscript is suitable for scholarly communication, but attention to grammar, sentence structure, and consistency will further enhance its clarity and overall quality. If you would like, I can help revise specific sections or sentences to improve their readability.</p>	
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<p>Optional/General comments</p>	<p>Overall, this manuscript is a solid and valuable contribution to the mathematical literature. It has the potential to spark further research in the field of F-metric spaces and fixed-point theory. With minor improvements in language, clarity, and examples, it will be well-positioned for publication in a reputable journal.</p> <p>in terms of data use and research misconduct, the manuscript is more theoretical than mathematical, probably not raising any ethical issues. The author(s) should therefore ensure that they observe all the necessary ethical guidelines regarding authorship, citations, and revelation of conflicts even in submission and publication. There is no ethical issue with the manuscript as long as it complies with the above guidelines.</p> <p>The manuscript does not specify competing interests; however, authors should declare any financial, professional, or personal interests that could be perceived as such. This is common practice in the scholarly publication and will afford open and honest visibility into the research process. If there were none, the manuscript should carry a statement indicating that there are no conflicts of interest.</p> <p>This manuscript is a strong contribution to the field of fixed-point theory in F-metric spaces, with solid mathematical results. With minor revisions to improve language clarity, expand the applications, it would be an excellent submission for a reputable journal</p>	
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PART 2:

	<p>Reviewer's comment</p>	<p>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></p>
<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>	

Reviewer Details:

Name:	Ritu Arora
Department, University & Country	Gurukul Kangri (Deemed to be University), India