

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	_ARJOM_121833
Title of the Manuscript:	CORRESPONDENCE OF FIXED POINT THEOREM IN T_2, T_3 - SPACE
Type of the 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 (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<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 extends the Banach Fixed Point Theorem from T2 to T3 topological spaces, enhancing the scope of fixed-point theory. By utilizing symmetric properties of Hausdorff spaces and continuous commutative mappings, it contributes valuable insights to mathematics and game theory. I appreciate the thorough and innovative approach, which has significant potential to inspire further research.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the title "Correspondence of Fixed Point Theorem in T2 T3-Space" is suitable as it accurately reflects the manuscript's focus on extending the Banach Fixed Point Theorem from T2 to T3 topological spaces and exploring their properties and applications within this context.</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 is comprehensive, covering the key points of the manuscript, including the application of fixed-point theory, the extension from T2 to T3 spaces, and its relevance to game theory. However, it could be improved by briefly mentioning the main results and the significance of the symmetric properties of Hausdorff spaces. No deletions are necessary.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, the subsections and structure of the manuscript are appropriate. The document is well-organized, starting with an introduction to key concepts, followed by detailed lemmas and propositions, and concluding with a proof and final remarks. This logical flow enhances the reader's understanding of the extension of the Fixed Point Theorem from T2 to T3 spaces.</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>The manuscript is scientifically robust and technically sound, as it builds on well-established theories and references seminal works in the field. The authors carefully extend the Banach Fixed Point Theorem to T3-spaces, providing detailed proofs and logical reasoning. The use of symmetric properties of Hausdorff spaces and continuous commutative mappings demonstrates a deep understanding of topological spaces, ensuring the scientific accuracy and reliability of the results.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :</p>	<p>The references in the manuscript are sufficient and include key works such as those by Munkres, Kuratowski, and Popa, which are fundamental in the field of topology and fixed-point theory. However, some references are relatively dated, with the most recent being from 2015. To strengthen the manuscript, I suggest including more recent studies on fixed-point theory and applications in topological spaces published in the last five years.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality of the article is generally suitable for scholarly communication, conveying complex mathematical concepts clearly. However, there are minor grammatical errors and instances that could benefit from careful proofreading and revision to enhance readability and ensure precision in academic writing.</p>	
<p>Optional/General comments</p>		

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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>	

Reviewer Details:

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