

**Review Form 1.7**

Journal Name:	<b>Asian Research Journal of Mathematics</b>
Manuscript Number:	<b>Ms_ARJOM_107235</b>
Title of the Manuscript:	<b>A new iterative algorithm for total asymptotically nonexpansive mapping in CAT(0) spaces</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>yes</p>	
<p><b>Optional/General</b> comments</p>	<p>There are some minor remarks to the presentation.</p> <p>1. The authors are suggested to apply proofs of your paper in actual problem (some examples).</p> <p>2. all symbols should be italic in math form.</p> <p>3. All the notations and abbreviations should be checked carefully.</p> <p>4. Please, rewrite abstract section again.</p> <p>5. Mention at least one application with elaborate solution .</p> <p>6. Are these new results sharp and more accurate compared with the others?</p> <p>7. Abstract should be improved, as it has some shortcomings regarding the continuity of sentences. It should be revised in the sense that it clearly present the proposed idea e_ectively.</p> <p>8. Please check and if needed add all the missing punctuation or missing italics.</p> <p>9. To increase the interest of the authors in this research, I suggest adding some applications to the results</p> <p>10. Theorem is not clear. Needs more discussion.</p> <p>11. Improve literature review, historical background and add future scope of study more e_ectively. To handle this issue, author can discuss some well related and recent references.</p> <p>12. Language quality needs improvement.</p> <p>13. Conclusion section should be enrich with some future remarks.</p> <p>14. please clearly describe the contributions of your paper in the Abstract.</p> <p>15. The references should have a clear and uni_ed format .</p> <p>16. Please cite more papers in your paper to catch current signi_cant developments Pythagorean fuzzy sets.</p> <p>17. it contains many shortcomings in the language, especially taking into account the inde_nite letters a, an, the ..etc. and unifying its use in all</p>	

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	<p>paper</p> <p>18. I have reviewed the paper. Presentation, the related literature and technical soundness are weak. It presents good method. After made some additions to the paper, i recommend for publication</p> <p>19. I suggest adding some new relevant references to this topic.</p> <p>(a) On Mixed b-Fuzzy Topological Spaces, 2020,International Journal of Fuzzy Logic and Intelligent Systems, Volume (3),242-246.</p> <p>(b) Multi granulation on nano soft topological space, Advances in Mathematics: Scienti_c Journal, 2020, 9(10), pp. 77117717</p> <p>(c) Continuity and contra continuity via preopen sets in new construction fuzzy neutrosophic topology, Optimization Theory Based on Neutrosophic and Plithogenic Sets, 2020, pp. 215233</p> <p>(d) NEUTROSOPHIC g_-CLOSED SETS IN NEUTROSOPHIC TOPOLOGICAL SPACES,2023,Journal International Journal of Neutrosophic Science,20(4),210-222. 10.54216/IJNS.200417</p> <p>(E) Degree of (L, M)-fuzzy semi-precontinuous and (L, M)-fuzzy semi-preirresolute functions,Demonstr. Math. 51 (1), 182–197. On <math>\mathcal{R}</math>-operator in ideal topological spaces,Creat. Math. Inform 25,2016, 1-10</p> <p>(F) <math>\mathcal{a}</math>-local function and its properties in ideal topological spaces, Fasciculi Mathematici,2014, 5--15.</p> <p>(G) On almost <math>\mathcal{I}</math>-continuous functions NT, Demonstratio Mathematica 54 (1),2021, 168-177</p> <p>(d) Weak Separation Axioms via <math>\mathcal{I}</math>- Sets in Ideal Topological Spaces, EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS 8 (4), 502-513</p>	
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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