

### Review Form 3

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_124090
Title of the Manuscript:	COMPARATIVE STUDY OF FUZZY LOGICAL OPERATORS.
Type of the Article	Short 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**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <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.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript appropriate?		
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.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>	<p>Revision suggestions</p> <p>This paper presents a comparison using a simple example based on a single recent paper; this represents a restricted study that does not allow the results obtained to be generalized, although the aim of the study is to optimize defuzzification, which is a good starting point, but the study is very meagre.</p> <ul style="list-style-type: none"> <li>* The fuzzy case can be seen by varying the used defuzzification function, the used fuzzification degree for each chosen case;</li> <li>* You can even vary the decision-makers who will make the final decision.</li> <li>* The fuzzy decision can be multi-criteria or bi-criteria, and each case gives a different view of the result.</li> </ul> <p>This study is interesting, as it deals with a crucial problem, but the first step in this work is very limited, as this paper presents a special case that does not allow us to generalize the solutions found, nor does it present any comparison with eventual previous solutions,</p> <ul style="list-style-type: none"> <li>* Also, presenting only one expert, we can have « a beginner expert, a good expert, a highly experienced expert » for example, so their judgments of the criterias are not considered with equal coefficients.</li> </ul> <p>So, i would ask you to enrich this study and to add recent bibliographical references to make objective the found results and subsequently generalizable and then this study will represent for you a scientific contribution.</p>	

**PART 2:**

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

**Reviewer Details:**

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