

### Review Form 3

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_123340
Title of the Manuscript:	ANALYSIS OF FUNCTIONAL PROPERTIES OF FUZZY $(L)^\infty_p(\Omega)$ SPACES
Type of the Article	Original Research Article

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

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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>The author incorporated the fuzzy set in <math>(\Omega)</math> spaces and developed the article with the title "ANALYSIS OF FUNCTIONAL PROPERTIES OF FUZZY ( <math>\Omega</math> ) SPACES", in this article he has established the theoretical foundations in these spaces by examining key functional properties, such as the fuzzy scalar product and the fuzzy norm.</p> <ol style="list-style-type: none"> <li>1) The fundamental contribution of this article is declared.</li> <li>2) More survey reports are important to know the present publication.</li> <li>3) The reference articles should be cited in the text.</li> <li>4) The properties of the classical <math>(\Omega)</math> spaces should be defined.</li> <li>5) The section title is not appropriate for section 2. Check it.</li> <li>6) In subsection 2.2, the triangular fuzzy number is three points instead of two.</li> <li>7) What are the utilities of fuzzy <math>(\Omega)</math> spaces theory?</li> <li>8) Why only consider the <b>-cuts, not the conventional fuzzy system?</b></li> <li>9) The writing format of the article should be improved.</li> <li>10) The conclusions should be extended with future work</li> </ol>	

**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><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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