

**Review Form 3**

Journal Name:	<b>Asian Research Journal of Mathematics</b>
Manuscript Number:	<b>Ms_ARJOM_122832</b>
Title of the Manuscript:	<b>Independent Domination Topology induced by Helm Graph</b>
Type of the Article	<b>Original Research Article</b>

**Review Form 3**

**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>
<p><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></p>	<p>1. It addressed a significant gap in the existing literature and offers novel insights that could advance understanding in the field.                  2. The research provides new data or perspectives that have the potential to influence future studies and applications, making it a valuable contribution.                  3. I appreciate the manuscript for its methodological rigor, clear presentation of findings, and the relevance of its conclusions to ongoing scientific discussions.                  4. However, any limitations in the study design or areas where the interpretation could be strengthened should be addressed to enhance its impact further.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>Yes, Suitable                  This title accurately represented the scope of the research, neither overstating nor understating the significance of the findings.</p>	
<p><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></p>	<p>The abstract you provided is clear and focuses on the key aspects of the research, including the introduction of the independent domination topology for the helm graph <math>H_n</math> and its characterization. It might be helpful to briefly mention the significance of studying the independent domination topology, particularly in the context of the helm graph <math>H_n</math>. This could give readers a better understanding of the research's relevance.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>Yes, subsections and structure of the manuscript appropriate</p> <ul style="list-style-type: none"> <li>• Provided context and explain the significance of the study.</li> <li>• Problem Statement is Clearly defined.</li> <li>• Stated the aims and objectives of the study.</li> <li>• Conclusion briefly describe the structure of the paper.</li> </ul>	
<p><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></p>	<p>1. <b>The author(s) has to provide at least one example how the graph is related to topological space</b>                  2. The authors interpret the data logically, making connections between their findings and existing literature.                  3. The manuscript provides sufficient detail in the methods section, allowing other researchers to reproduce the experiments and validate the results                  4. The manuscript references peer-reviewed literature, grounding its claims in established scientific knowledge. This contributes to the overall credibility and soundness of the research.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>The manuscript cites foundational and seminal works in the field. It should also reference recent studies that are relevant to the topic, demonstrating that the authors are aware of the latest developments.</p>	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	1.Yes, the language in this manuscript is good and it is suitable for scholarly communicatiive. 2.This article provided ideas clearly and precisely, avoiding vague or ambiguous statements. 3.The content is logically organized, with smooth transitions between ideas and a clear progression of thought.	
<b>Optional/General</b> comments	1. This manuscript written well and if possible extend this to Neutrosophic topology and Neutrosophic graph theory. 2. There is a lot of scope for improve in other field like Bipolar, complex bipolr topological space together with interval valued Neutrosophic Graphs. 3. In view of Neutrosophic graph the vertices and edges are the neutrosophic vertices and edges in Triplet form for helm graph <b>I recommend that this article is Accepted for Publication</b>	

### **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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