

Review Form 1.7

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_98895
Title of the Manuscript:	2-SECURE DOMINATION IN BIPOLAR HESITANCY FUZZY GRAPH
Type of the Article	Original Research Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Maybe. 2. Yes. 3. No. 4. No. 5. Yes. 6. No.</p> <p>Additional Comments: This paper focuses on the concept of secure domination in Bipolar Hesitancy Fuzzy Graphs (BHFG) and extends it to secure total domination and 2-secure domination. The authors discuss several theorems and examples related to secure domination in bipolar hesitancy fuzzy graphs, building upon existing work in fuzzy graph theory and domination concepts in BFGs. While the paper provides a brief overview of the relevant literature and historical context of the study, it is recommended that the authors provide a more in-depth introduction to Bipolar Hesitancy Fuzzy Graphs, their properties, and their applications in various fields. This will help readers to better understand the significance of the proposed concepts and results. The paper would benefit from a clear problem statement and research questions. The authors should specify the research gaps in the existing literature on BHFG domination and explain how their work addresses these gaps. The methodology employed in this study is not adequately explained. The authors should provide a clear and detailed explanation of the approach used to develop the concepts of secure domination, secure total domination, and 2-secure domination in BHFG. Additionally, the authors should discuss the rationale behind their choice of theorems and examples. The authors should provide detailed proofs for the theorems they discuss in the paper. This will help establish the validity of their results and improve the overall rigor of the study. The paper would benefit from a discussion section that summarizes the main findings and their implications. It would also be helpful to include potential applications of secure domination in BHFG and the impact of the proposed concepts on related research fields. The paper contains some grammatical errors and awkward phrasings that should be corrected to improve the overall clarity and readability of the text.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	No.	
<p>Optional/General comments</p>	A major revision is suggested.	

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

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