

Review Form 1.6

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_88580
Title of the Manuscript:	Hinge Total Domination on Some Graph Families
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:

(<https://www.journalarjom.com/index.php/ARJOM/editorial-policy>)

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)
Compulsory REVISION comments	Article is well written and presented.	
Minor REVISION comments	<div>1. Highlight the research motivation(s) and contribution(s) in Section 1.</div> <div>2. Add future direction(s) in Section 4.</div> <div>3. Add more content related to Wheel Graph.</div> <div>4. There are a lots of study on fuzzy set theory. Recently, ambiguous set theory is proposed, which can be applied on graph theory. So, it can be cited in the article as a part of future direction: Ambiguous D-means fusion clustering algorithm based on ambiguous set theory: Special application in clustering of CT scan images of COVID-19. Knowledge-Based Systems, 231, 107432, 2021.</div>	<div>The research motivation and contribution to the vast field domination are presented</div> <div>Added future direction in section 4 which to tackle hinge total domination in the binary operations of graphs</div> <div>An explanation to the remark is added to further emphasize the said result in the Wheel Graph. However, it cannot be emphasized more since the paper only aims for its parameter.</div> <div>Ambiguous Set Theory being proposed, is not in the coverage of the study. It may be related in some other way in this variation of Domination, however, the authors have only a little knowledge of Fuzzy Set Theory. Lastly, the authors are specialized in the Extremal Graph Theory.</div>
Optional/General comments		

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?	(If yes, Kindly please write down the ethical issues here in details)	