

## Review Form 1.7

Journal Name:	<b>Journal of Advances in Mathematics and Computer Science</b>
Manuscript Number:	<b>Ms_JAMCS_102733</b>
Title of the Manuscript:	<b>Restrained dr-Power Dominating Sets in Graphs</b>
Type of the Article	<b>Original Article</b>

### **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.journaljamcs.com/index.php/JAMCS/editorial-policy> )

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**PART 1: Review Comments**

	<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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1. This paper deals with one of the well-known NP-hard problems in graph theory, a derivative of the domination problem in Power Networks. It is one of the extensions, or more specific versions of the domination problem. Research is being conducted on systems that impose various restrictions on the 'power dominating set' for the Power Monitoring System. In this paper, a set with a restriction called a 'restrained dr-power dominating set' is presented, and the relationship between the domination number in this set and the domination numbers of similar dominating sets is examined. Since it is not possible to completely solve the dominating set, I believe it is academically worthwhile to present research like the authors', which adds various rules and investigates the domination number under those rules.</p> <p>2. The title is appropriate. (However, at first glance, I mistook it for being the same as citation [9].</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. I was able to locate the cited papers through internet searches, but there were numerous errors in the details (title, journal name, year). Since I am uncertain about the level of accuracy required for bibliographic information, I would like to leave the suggestion for improvement of the references to the editor's discretion.</p> <p>I will point out the errors that the reviewer has noticed in the following.</p> <p>[1] 'Graph Theory 1736-1936' is the correct title.</p> <p>[3] The part in red is missing. "A note on power domination in <b>grid</b> graphs"; Discrete <b>Applied</b> Mathematics Volume 154, Issue 6, 15 April 2006, Pages 1023-1027</p> <p>[6]"The year of publication is 2009." @inproceedings{Pemmaraju2009ComputationalDM, title={Computational Discrete Mathematics: Combinatorics and Graph Theory with Mathematica {textregistered}}, author={Sriram V. Pemmaraju and Steven S. Skiena}, year={2009}}</p> <p>[9] The name of the journal is 'International Journal of Mathematical Analysis'.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	Yes	
<p><b>Optional/General</b> comments</p>	Additional Comments See Atacched file	

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

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**Reviewer Details:**

Name:	<b>Rika Sekine</b>
Department, University & Country	<b>Shizuoka University, Japan</b>