

Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_79337
Title of the Manuscript:	A NUMERICAL INVESTIGATION OF PRESSURE-VELOCITY COUPLING SCHEMES FOR BOUYANCY DRIVEN FLOW IN A DIFFERENTIALLY HEATED CAVITY
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.journaljamcs.com/index.php/JAMCS/editorial-policy>)

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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)
Compulsory REVISION comments	<p>1-The title included "A numerical ...",what is the numerical method or software used in analysis?</p> <p>2-Abstract should include no citation.</p> <p>3-Sections 1.1 need to be combined with section 1.0 under the title section 1.0:introduction.repetitions need to be deleted. More literatures need to be cited.</p> <p>4-Check the references of all citations and the references for all equations need to be referred to.</p> <p>5-Significance of the study and contribution to the knowledge should be recognized.</p> <p>6-Details of the experimental work used in verification should be indicated and discussed.</p> <p>7-The three plots in Fig.1 Should be given suitable subtitles as (a)(b)....(c)....</p> <p>8-The results of the comparisons between the experimental and theoretical studies should be indicated and discussed.</p> <p>9-If the equations in sections are adopted from previous works, Some of such equations need to be transferred to an appendix.</p> <p>10-Fig.2 needs to be reproduced with better quality. What do simple, simplic, etc. refer to?</p> <p>11-Conclusion section needs to be re-written. Specific findings in % need to be addressed.</p> <p>12-Number of reference is not adequate. More latest relevant studies are to be cited.</p> <p>13-Please indicate the part of study that discusses the " PRESSURE-VELOCITY COUPLING SCHEMES FOR BOUYANCY DRIVEN FLOW IN A DIFFERENTIALLY HEATED CAVITY". Recognize and discuss such topics deeply.</p>	
Minor REVISION comments	<p>1-Quality of Fig.1 &2 is not adequate. Better presentation may improve the readability of the manuscript.</p> <p>2-Some explanations on the Simple, simpler,....methods need to be added in introduction.</p>	
Optional/General comments	<p>1-The manuscript needs to be submitted to full proofreading.</p>	

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>	

Reviewer Details:

Name:	Qasim M. Shakir
Department, University & Country	University Of Kufa, Iraq