

Review Form 1.7

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_115369
Title of the Manuscript:	Direct Numerical Simulation of Mixed Convection Flow in Lid-Driven Cavities
Type of the Article	

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. Yes, Square and rectangular cavities are important in many thermal applications.</p> <p>2. Yes</p> <p>3. No, The abstract should begin with a brief introduction to the problem and the motivation for the study. Furthermore, remove the mathematical symbols from the abstract.</p> <p>4. Yes</p> <p>5. Yes</p> <p>6. No, Some references from 1 to 10 need to be replaced with new references from 2020 and later</p> <p>*****</p> <p>7. Reconsider keywords.</p> <p>8. Check that all symbols are listed in nomenclature. Also check that all Figures are mentioned in the text.</p> <p>9. Restate the boundary conditions mentioned at the end of Section 3 (Problem description), as follows: "The boundary conditions for the problem include: The upper lid (top wall) has a prescribed constant velocity u_0 and a hot temperature T_h. The bottom wall is immobile at a cold temperature T_c. The side walls of the cavity are motionless and kept thermally insulated."</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, however, check the manuscript linguistically.</p>	
<p>Optional/General comments</p>		

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PART 2:

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

Reviewer Details:

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