

Review of: "Numerical Simulation and Computational Fluid Dynamics Analysis of Two-Dimensional Lid-Driven Cavity Flow Within the Weapon Bay of an Autonomous Fighter Drone"

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Potential competing interests: No potential competing interests to declare

Review the scientific article under the title

"Numerical Simulation and Computational Fluid Dynamics Analysis of Two-Dimensional Lid-Driven Cavity Flow Within the Weapon Bay of an Autonomous Fighter Drone"

1-abstract

- * The objective of the research must be written in a specific and clear manner at the beginning of the abstract.
- * What is the reason for mentioning a three-dimensional system when it is mentioned in the title that the solution is using a two-dimensional model?* What is the Reynolds number used???
- * Real and realistic results must be written briefly and not in a general form.

2- introduction

- *The introduction must be in the context of the research topic.It contains the results presented by previous researchers to give a philosophical background on the importance of the topic.
- * The sources within the introduction must be modern.
- * Presenting the purpose of the research at the end of the introduction very clearly from what previous researchers did.

3- The validation of the numerical modl.

- * What is the mesh format used?.
- * Where is the comparison curve between the numerical results and the case compared to them?.
- * Where are the initial conditions?.

>●The lack of mesh properties and validation investigation of the numerical model makes the work lose confidence, and thus the results are completely unreliable.

4- Conclusion

* It needs to be formulated and clarified to what extent this philosophy can be applied. Any philosophy is not absolute, but rather has limits within which it is applied.

>>*Final decision*<<

●*This article misses many important points to convince the argument.*

Thank you.