

# Review of: "Numerical Study of Thermal Performance on Fin and Tube Heat Exchanger with Flat Rectangular and Sinusoidal Winglet Vortex Generators"

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Potential competing interests: No potential competing interests to declare.

**Title:** Numerical Study of Thermal Performance on Fin and Tube Heat Exchanger with Flat Rectangular and Sinusoidal Winglet Vortex Generators.

1. The Abstract should contain answers to the following questions: What problem was studied and why is it important? What methods were used? What are the important results? What conclusions can be drawn from the results? What is the novelty of the work, and where does it go beyond previous efforts in the literature? Please include specific and quantitative results in your Abstract, while ensuring that it is suitable for a broad audience.
2. The research problem in the paper does not seem to be motivated by a clearly outlined research question, and no physical insight is provided for this theoretical analysis. So, the authors need to address such deficiencies at the end of the introduction part.
3. What essentially makes your study different from existing literature? Please elaborate on why closing the research gap is important. Who will benefit from this study, and how?
4. Nomenclature should be updated with SI units.
5. The governing equations are not the authors' equations; the authors must add references.
6. The finite element scheme of the problem is missing in the methodology section.
7. Define the advantages of the applied technique and how this technique is helpful in highly nonlinear problems.
8. The results of the work should be compared with the results of other investigators and/or other methodologies, experimental results, or even simulated results. This is needed to place this work in perspective with other work in the field and provide more credibility for the present results.
9. It is recommended that the wording and grammar of English should be rechecked throughout the present.