# 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.

**Comment 1. The novelty of the paper needs to be justified and clearly defined. It includes the clear difference with the available literature and previous works. The authors are asked to provide the limitations of the previous correlated works and then link those limitations to the current ideas and contributions of the current work.**

**Comment 2. The simulation needs also to consider the turbulence, as it will influence significantly the heat transfer. More detailed simulation with accurate turbulence is strongly recommended.**

**Comment 3. The English must be improved significantly. There are several grammatical errors and unclear sentences throughout the manuscript. Also, be careful to put commas, semicolons, etc., in the sentences, as they can significantly help the readers to read easily and accurately.**

**Comment 4. In the results and discussion, please elaborate further on the comparison with other studies, including trends, etc. In order to improve the correlation of the study and continuity with the previous studies, additional literature study and references are required. Below are several works which are strongly recommended.**

***Analysis of Heat Transfer Enhancement of Passive Methods in Tubes with Machine Learning, Journal of Mechanical Engineering Science, 2023 ,https://doi.org/10.1177/09544062231200959**

***performance Optimization Of Finned Surfaces Based On The Experimental And Numerical Study, Journal of Thermal Science and Engineering Applications, ASME, 2023**

***Performance optimization of heat-exchanger with delta-wing tape inserts using machine learning. Applied Thermal Engineering 216 (2022) 119135***

***Prediction of heat transfer enhancement of delta-wing tape inserts using artificial neural network. Case Studies in Thermal Engineering 27 (2021) 101322***

***Prediction of Heat Transfer Performance of Twisted Tape Inserts using Artificial Neural Networks,Journal of Mechanical Science and Technology, 36,4849-4858,2022.,https://doi.org/10.1007/s12206-022-0843-x**