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.

Correct the aspect ratios of the figures, especially Fig. 1.

Equations on page 5 need to be typed correctly.

Tables need to be typed, not copy-pasted as images.

Although mesh independence results are shown as Nu comparisons for three different grids, no discussion is written about where the location of these Nu numbers is. Is this the average Nu around cylinders, base plate? Also, this is not an ideal way of performing a mesh independence study, i.e., covering the whole range of Re numbers. In fact, as the Re number increases, the meshing requirement increases. The authors should have used a single Re number and then tested various meshes, looking at non-mean quantities such as velocity plots along various lines.

The literature review of the study needs to be improved; please cite the following two relevant papers.

Ali, M., Alkaabi, A.K., Alameri, S.A., and Afgan, I., 2022. Thermal analysis of baffle jetting in fuel rod assembly *Physics of Fluids*, *34*(11).

Benhamadouche, S., Afgan, I., and Manceau, R., 2020. Numerical simulations of flow and heat transfer in a wall-bounded pin matrix. *Flow, Turbulence and Combustion*, *104*(1), pp.19-44.

Little or no information is given about the simulation methodology.

There is no benchmarking of the results.

Make sure that the legend does not cover the figures (Figs. 4 and 5).

Figure 5. Make sure that the size of subfigures is the same.

Figure 6. The caption needs to be corrected; it should read as Variation of (a) Nusselt number distribution (b) Pressure difference for various configurations with Re number.