

My First LaTeX Document

Your Name

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1 Introduction

This is the introduction section of my document.

2 Methods

Geometrical parameters:

- Number of rows of tubes
- Number of column of tubes
- External diameter [m]
- Wall thickness of the tubes [m]
- Wall roughness [m]
- Length of one tube [m]
- Conductivity of steel [W/mK] (hypothesis on the material of the fins)

"Fins data for one fictional exchanger":

- Thickness of the fins [m]
- Space between fins [m]
- Height of the fins [m]
- Length of the fins [m]
- Conductivity of aluminium [W/mK] (hypothesis on the material of the fins)

Calibration parameters:

- C1
- C2

- C3
- C4

Inputs:

- Air flow rate [kg/s]
- Air inlet temperature [K]
- Water flow rate [kg/s]
- Water inlet temperature [K]
- States of the fans (on/off)

3 Results

In this section, I will present the results of my experiments.

4 Conclusion

Finally, I will conclude my document.