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Numerical analysis of convection heat transfer from an array of perforated fins using RANS and LES method

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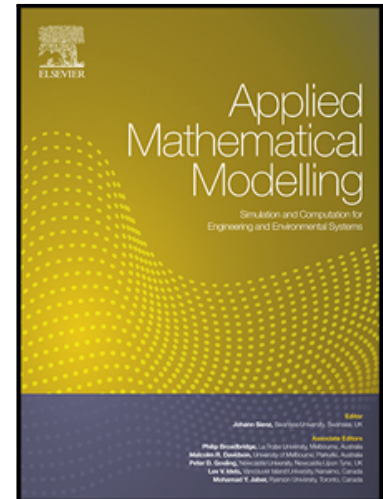
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**Highlights**

- Numerical solution was performed for various perforated fins.
- Both RANS and LES were used for numerical simulations.
- The most efficient configuration was reported among the simulated cases.
- Coherent structures were presented around perforated fins using LES.

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