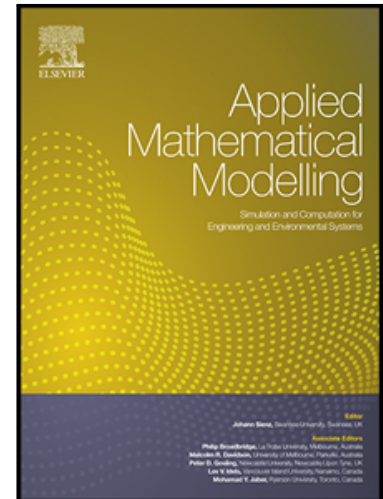


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Modelling, Simulation and Optimisation of general Solar Updraft Towers

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Highlights

- It gives a complete modelling and fast simulation tool for the design and the operation of asolar thermal power station
- It refers to a highly complex fluid dynamic problem involving humidity, friction, heat transfer etc..
- It involves a significant non trivial modelling part (in order to reduce the problem to a treatable simulation problem)
- It uses a small Mach number asymptotics to simplify the model and to accelerate significantly the simulation.

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