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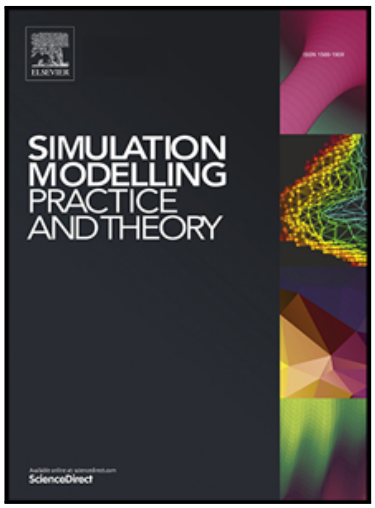

Modelling pedestrian merging in stair evacuation in multi-purpose buildings

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Highlights

- A model for pedestrian merging in stair evacuation is presented
- The impact of merging ratios and occupant floors is investigated
- A case study is simulated to show the model capabilities
- Model assumptions, advantages and limitations are discussed

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