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Investigating Pedestrian Navigation in Indoor Open Space Environments Using Big Data

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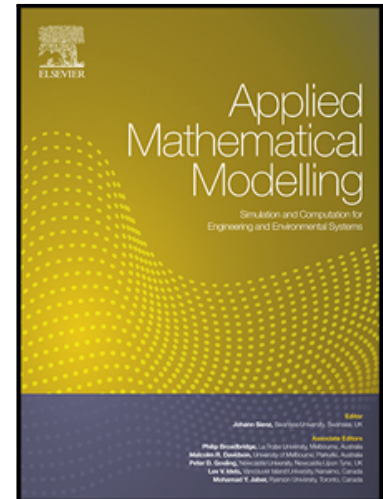
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### Highlights

- Pedestrian navigation in indoor open space environments is modelled.
- Several floor field specifications were calibrated using pedestrian trajectories.
- Big data collected through video recordings were utilized to calibrate the pedestrian models.
- Likelihood function optimization method was used as calibration method.
- A generalized floor field for pedestrian navigation is proposed.

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