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A model of synchronisation in crowd dynamics

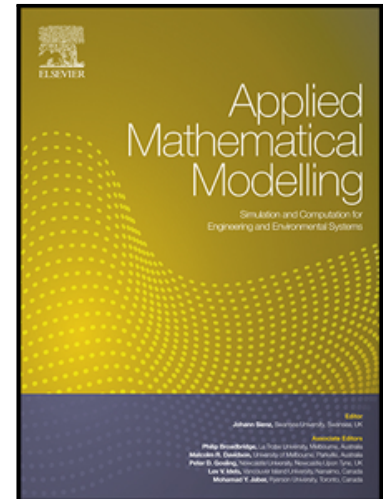
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Highlights

- a new model for crowd synchronisation is suggested
- the model is deterministic and involves Hill-type equations for double pendulums
- a suitable function measuring the synchronisation between individuals is defined
- numerical experiments show a good matching between real crowds and our model.

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