Accepted Manuscript

Study on queueing behavior in pedestrian evacuation by extended cellular automata model

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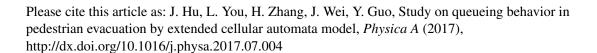
PII: S0378-4371(17)30684-2

DOI: http://dx.doi.org/10.1016/j.physa.2017.07.004

Reference: PHYSA 18421

To appear in: Physica A

Received date: 6 April 2017 Revised date: 12 June 2017



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Highlights

- In this paper, a novel extended cellular automata evacuation model is proposed.
- Queueing time and critical time are considered in the evacuation strategy.

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