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Pedestrian crowd dynamics in merging sections: Revisiting the “faster-is-slower” phenomenon

Zahra Shahhoseini, Majid Sarvi, Meead Saberi

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Highlights

- Reporting on laboratory experiments of collective motion with pedestrian crowds
- Performing the experiments at high density and varying speed regimes
- Creating bottlenecks by forcing two flows of pedestrians to merge
- Faster-is-slower effect was not observed
- The collective discharge was invariably faster when individuals' desired speed was higher

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