

Liquid Humans – Pedestrian simulator based on the LWR-model

Project Characteristics

Modeling: ★★☆☆☆
Mathematics: ★★★★★
Programming: ★★☆☆☆

- The LWR-model describes traffic flow on highways and is based on fluid dynamics
- LWR-models can be used to describe the behavior of large human crowds
- Your Task:
 - implement a pedestrian dynamics simulator based on the LWR-Model
 - develop a visualization tool to show the flow of pedestrians
- Programming language: Java

