

Simulation of Information Spreading in a Facebook Network

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Overview

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Social Networks

Facebook, Twitter, Instagramm, Tumblr, Google+

Fundamental Questions

- Are there relevant differences in the time evolution of the homogeneous SIR-model and the agent-based model?
- Are there individuals which are more important to the spreading of information (Influentials)? Can they be recognized in the sense of position and connectivity in the network?

Homogeneous SIR Model

Agent-Based Model

Characteristics

Video

Variables for Analysis

Differences in Time Evolution

Influentials

Summary

The End