Accepted Manuscript

Spreading dynamics of an online social information model on scale-free networks

Xiongding Liu, Tao Li, Hao Xu, Wenjin Liu

PII: S0378-4371(18)31217-2
DOI: https://doi.org/10.1016/j.physa.2018.09.085
Reference: PHYSA 20146

To appear in: *Physica A*

Received date : 1 June 2018
Revised date : 4 August 2018

Please cite this article as: X. Liu, et al., Spreading dynamics of an online social information model on scale-free networks, *Physica A* (2018), https://doi.org/10.1016/j.physa.2018.09.085

Highlights:

- Present a new ICST online social information spreading model on scale-free networks.
- Study the stability of equilibriums and the permanence of information spreading.
- Comment mechanism and effective comment rate can affect information spreading.
- Adaptive weight can affect the information spreading and the sustained level.