

Accepted Manuscript

Rigorous or tolerant: The effect of different reputation attitudes in complex networks

Yizhi Ren, Gang Wang, Lanping Yu, Benyun Shi, Weitong Hu, Zhen Wang



PII: S0167-739X(17)31949-0
DOI: <http://dx.doi.org/10.1016/j.future.2017.09.006>
Reference: FUTURE 3661

To appear in: *Future Generation Computer Systems*

Received date: 1 November 2016
Revised date: 8 August 2017
Accepted date: 3 September 2017

Please cite this article as: Y. Ren, G. Wang, L. Yu, B. Shi, W. Hu, Z. Wang, Rigorous or tolerant: The effect of different reputation attitudes in complex networks, *Future Generation Computer Systems* (2017), <http://dx.doi.org/10.1016/j.future.2017.09.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Research highlights

- ▶ This paper proposes a tolerance-base reputation mechanism to enhance cooperation in complex networks.
- ▶ This paper verify the proposed mechanism on regular networks, random networks and scale-free networks.
- ▶ The mechanism employs three different update rules, i.e., Fermi function, best imitation and Roulette.
- ▶ Fermi function performs worse than Best Imitation and Roulette in regular networks and random networks, but better in scale-free networks

Download English Version:

<https://daneshyari.com/en/article/6873169>

Download Persian Version:

<https://daneshyari.com/article/6873169>

[Daneshyari.com](https://daneshyari.com)