Accepted Manuscript

Random walk on signed networks

Jianlin Zhou, Lingbo Li, An Zeng, Ying Fan, Zengru Di

 PII:
 S0378-4371(18)30691-5

 DOI:
 https://doi.org/10.1016/j.physa.2018.05.139

 Reference:
 PHYSA 19679

 To appear in:
 Physica A

 Received date :
 25 February 2018

Revised date: 5 May 2018



Please cite this article as: J. Zhou, L. Li, A. Zeng, Y. Fan, Z. Di, Random walk on signed networks, *Physica A* (2018), https://doi.org/10.1016/j.physa.2018.05.139

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.

ACCEPTED MANUSCRIPT

- We design a signed random walk model on undirected signed networks which the random walker could walk along the negative links.
- The position and density of negative links will affect the convergence rate of transition probability matrix.
- This model could be used to explore the community structure in the signed networks.

Download English Version:

https://daneshyari.com/en/article/7374997

Download Persian Version:

https://daneshyari.com/article/7374997

Daneshyari.com