

Accepted Manuscript

EHC: Extended H-index Centrality measure for identification of users' spreading influence in complex networks

Ahmad Zareie, Amir Sheikhamadi

PII: S0378-4371(18)31196-8
DOI: <https://doi.org/10.1016/j.physa.2018.09.064>
Reference: PHYSA 20125

To appear in: *Physica A*

Received date : 9 April 2018
Revised date : 14 August 2018

Please cite this article as: A. Zareie, A. Sheikhamadi, EHC: Extended H-index Centrality measure for identification of users' spreading influence in complex networks, *Physica A* (2018), <https://doi.org/10.1016/j.physa.2018.09.064>

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.



Highlights points:

- The goal is to rank influential users in social networks for spreading process.
- We proposed a cumulative function for specification of nodes' neighbors information.
- An extension of the h-index method is proposed for identification of users' influence based on the cumulative centrality.
- The proposed method can rank influential users accurately.

Download English Version:

<https://daneshyari.com/en/article/10482364>

Download Persian Version:

<https://daneshyari.com/article/10482364>

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