

Accepted Manuscript

A framework of community detection based on individual labels in attribute networks

Dong-Yang Nan, Wei Yu, Xiao Liu, Yun-Peng Zhang, Wei-Di Dai

PII: S0378-4371(18)31043-4
DOI: <https://doi.org/10.1016/j.physa.2018.08.100>
Reference: PHYSA 19986

To appear in: *Physica A*

Received date : 18 January 2018
Revised date : 24 June 2018

Please cite this article as:, A framework of community detection based on individual labels in attribute networks, *Physica A* (2018), <https://doi.org/10.1016/j.physa.2018.08.100>

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

- A new framework integrating the topology, attributes and individual labels effectively.
- Utilize a non-negative matrix factorization model to establish the framework.
- Derive the multiplication update rules to optimize the objective function.
- Extensive experiments show the effectiveness of our method.

Download English Version:

<https://daneshyari.com/en/article/7374657>

Download Persian Version:

<https://daneshyari.com/article/7374657>

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