

Accepted Manuscript

Deep community detection in topologically incomplete networks

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PII: S0378-4371(16)30834-2

DOI: <http://dx.doi.org/10.1016/j.physa.2016.11.029>

Reference: PHYSA 17685

To appear in: *Physica A*

Received date: 12 May 2016

Revised date: 13 August 2016

Please cite this article as: X. Xin, C. Wang, X. Ying, B. Wang, Deep community detection in topologically incomplete networks, *Physica A* (2016), <http://dx.doi.org/10.1016/j.physa.2016.11.029>

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Highlights:

- We detect communities in topologically incomplete networks.
- We adapt unsupervised methods by adding either linear or star preprocessing approach.
- A structured deep model for community detection in topologically incomplete networks is proposed.
- The deep model based method is robust than classic supervised methods due to missing edges.
- Appropriate choice of hop counts could improve the performance of the deep model.

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