

Accepted Manuscript

Identification of influential spreaders in bipartite networks: A singular value decomposition approach

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PII: S0378-4371(18)31129-4
DOI: <https://doi.org/10.1016/j.physa.2018.09.005>
Reference: PHYSA 20066

To appear in: *Physica A*

Received date: 15 June 2018
Revised date: 3 August 2018

Please cite this article as: S. Xu, et al., Identification of influential spreaders in bipartite networks: A singular value decomposition approach, *Physica A* (2018), <https://doi.org/10.1016/j.physa.2018.09.005>

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Highlights

- Based on singular value decomposition, we proposed the SVD-rank and SVDA-rank to identify influential spreaders in bipartite networks
- Simulations on seven real-world bipartite networks show that the proposed algorithms can well identify influential spreaders
- The two algorithms are robust to network perturbations

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