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Enhanced collective influence: A paradigm to optimize network disruption

Tao Wu, Leiting Chen, Linfeng Zhong, Xingping Xian

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Highlights

- CI centrality overlooks structural features of local network topology.
- ECI is proposed by considering loop density and the diversity of node degree.
- ECI outperforms CI and classical centrality measures for network disruption problem.
- We formulate an applicable guidance for the use of ECI centrality.

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