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Predicting links based on knowledge dissemination in complex network

Wen Zhou, Yifan Jia

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Highlights of the paper

- A new mechanism for the formation of complex networks called knowledge dissemination (KD) is proposed.
- A feasible method to weight an unweighted network is proposed.
- A new link prediction method, named KDLP, is proposed. Extensive experiment results demonstrate that the KDLP method is highly effective.
- H-index instead of degree is used to measure the importance of vertices.

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