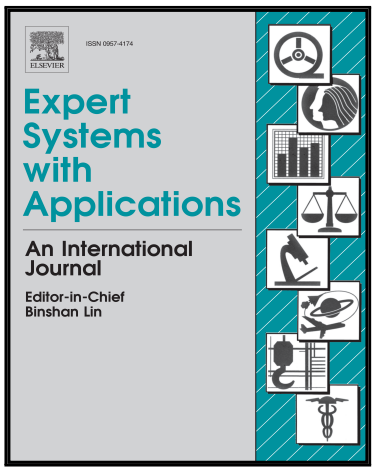


# Exploiting User-to-user Topic Inclusion Degree for Link Prediction in Social-information Networks

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**Highlights**

- Introduce a model to fuse network and content in social-information networks.
- A new topic-oriented measurement is defined to measure the user-user relation.
- Rich content is effectively encoded in a constructed sparse network.
- Link prediction is significantly improved in social-information networks.