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A Utility-based Link Prediction Method in Social Networks

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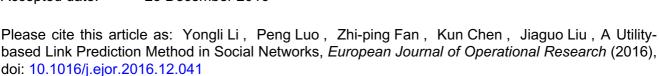
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Highlights

- Utility analysis is introduced to develop the link prediction method
- link formation process is divided into meeting process and decision process
- Expectation-Maximization is developed for parameter estimation
- Logistic Regression is a special case of the proposed method



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