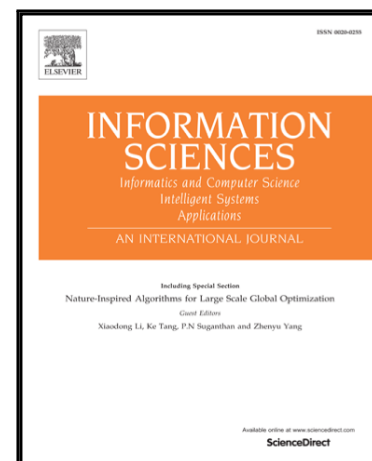


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Applying social network analysis to genetic algorithm in optimizing project risk response decisions

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Hightlights:

- (1) Optimize project risk response decisions considering risk interactions.
- (2) Form a simulation model within risk interactions to evaluate the decisions.
- (3) The genetic algorithm is tailored for optimizing the decisions.
- (4) The tailored genetic algorithm is further improved by social network analysis.
- (5) A network transformation and a new index are designed in social network analysis.

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