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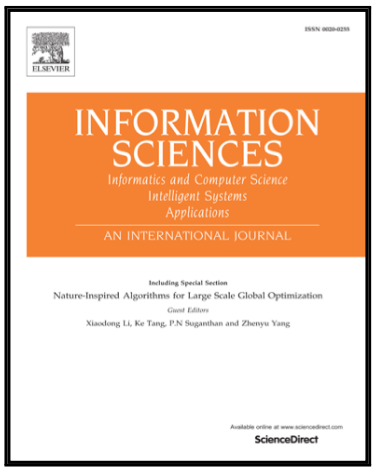

Unsupervised Learning by Cluster Quality Optimization

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Highlights

- A new unsupervised clustering algorithm is proposed.
- The algorithm optimizes a novel cluster quality measure.
- It is formally proved that the critical points of the quality measure are local minima.
- A hibridization with global k-means is proposed.
- Experiments demonstrate the suitability of the proposal when compared with some well known competitors.

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