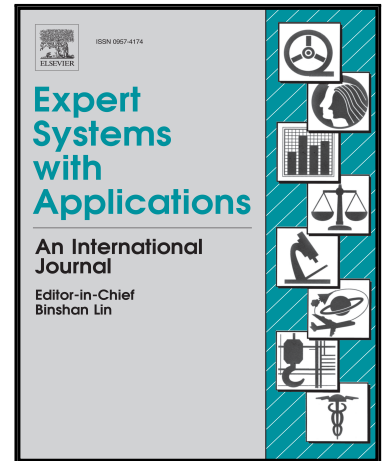


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Discovering knowledge from data clustering using automatically-defined interval type-2 fuzzy predicates

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Highlights

- It is proposed a new clustering method based on interval type-2 fuzzy predicates.
- Fuzzy predicates are automatically generated from data describing clusters.
- Interval type-2 membership functions model variability and vagueness in clusters.
- Linguistic descriptions and knowledge are extracted from predicates.
- The method can be applied to data analysis applications.

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