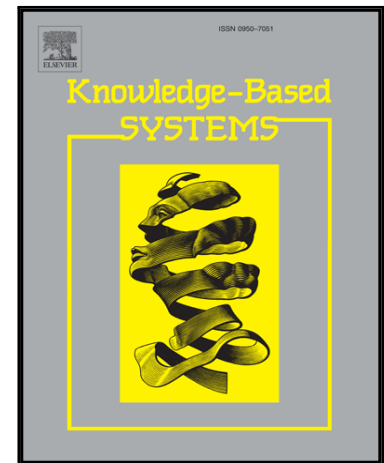


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Rough Possibilistic C-Means Clustering Based on Multigranulation Approximation Regions and Shadowed Sets

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Highlights

- A novel rough possibilistic C-means clustering approach is presented;
- The partition threshold for each cluster is automatically optimized;
- The uncertainty generated by a single fuzzifier value is captured;
- The scale parameters are adaptively adjusted.
- A framework for updating prototypes based on ensemble strategies is formed.

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