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A new Nearest Neighbor Classification method based on Fuzzy set theory and Aggregation operators

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Highlights

- New Fuzzy Nearest Neighbor Classification Method, called Fuzzy Analogy Based Classification (FABC).
- Describing the domain features by fuzzy sets.
- Management of uncertainty and impreciseness in classification process by means of aggregation operators.
- Promising results of the new classifier and compared with advanced Fuzzy Nearest Neighbor Classifiers.

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