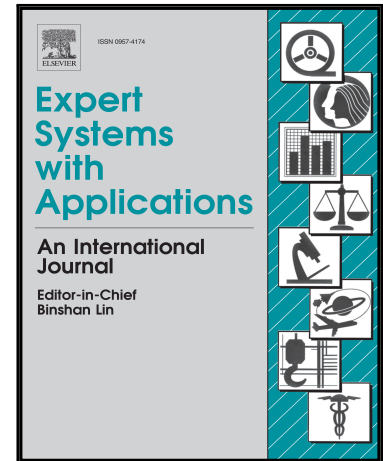


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A novel and fast MIMO fuzzy inference system based on a class of fuzzy clustering algorithms with interpretability and complexity analysis

S. Askari

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Highlights

- CFIS is more accurate and faster than other FISs.
- CFIS is more interpretable and less complex than other FISs.
- Fuzzy clusters on dense regions of data in input space serve as CFIS rules.
- THEN part of CFIS accommodates any function of input variables.
- IF part of CFIS needs no parameter identification.

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