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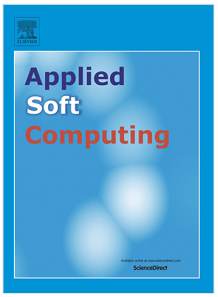

Speckle de-noising of clinical ultrasound images based on fuzzy spel conformity in its adjacency

Rahul Roy, Susmita Ghosh, Ashish Ghosh

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***Highlights (for review)**

Highlights:

- Proposes novel speckle de-noising technique leveraging fuzzy set properties.
- Transformation to fuzzy membership space shrinks outliers to WGN.
- Membership of a spel is updated based on degree of compliance with neighborhood.
- Degree of conformity is proposed to measure the compliance.

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