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Image characterization by fractal descriptors in variational mode decomposition domain: Application to brain magnetic resonance

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Highlights:

- Multi-resolution techniques are applied to digital images for decomposition purpose.
- Fractal descriptors based on Fourier spectrum are used to characterize the obtained sub-images.
- Support vector machine is employed for classification purpose.
- Fractal descriptors extracted from VMD sub-images are found to be effective.

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