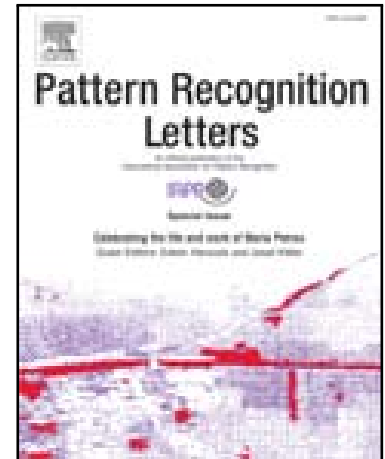


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Three-dimensional connectivity index for texture recognition

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Research Highlights

- New descriptors for grey-scale texture images are proposed.
- Based on a local measure of connectivity: clustering index in the neighbourhood.
- The method is assessed in the classification of three well-known benchmark databases.
- The new descriptors outperform state-of-the-art approaches in texture analysis.
- Such good results suggest its use in a variety of applications.

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