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Local Derivative Radial Patterns: A New Texture Descriptor for Content-Based Image Retrieval

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Highlights

- A novel local pattern referred as Local Derivative Radial Pattern (LDRP) is proposed.
- Proposed LDRP is based on gray-level difference of pixels along a line.
- Instead of binary coding, multi-level coding in different directions is used as well.
- A new similarity measure is presented which is more robust against image rotation.

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