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Ear recognition using local binary patterns: A comparative experimental study

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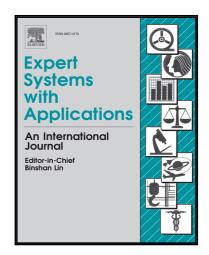
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Highlights

- A comparative study of ear recognition using local binary patterns variants is done
- A new texture operator is proposed and used as an ear feature descriptor
- Detailed analysis on Identification and verification is conducted separately
- An approximated recognition rate of 99% is achieved by some texture descriptors
- The study has significant insights and can benefit researchers in future works



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