

Accepted Manuscript

Ear recognition using local binary patterns: A comparative experimental study

M. Hassaballah, Hammam A. Alshazly, Abdelmgeid A. Ali

PII: S0957-4174(18)30649-3
DOI: <https://doi.org/10.1016/j.eswa.2018.10.007>
Reference: ESWA 12252



To appear in: *Expert Systems With Applications*

Received date: 16 April 2018
Revised date: 20 August 2018
Accepted date: 3 October 2018

Please cite this article as: M. Hassaballah, Hammam A. Alshazly, Abdelmgeid A. Ali, Ear recognition using local binary patterns: A comparative experimental study, *Expert Systems With Applications* (2018), doi: <https://doi.org/10.1016/j.eswa.2018.10.007>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

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

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/11263016>

Download Persian Version:

<https://daneshyari.com/article/11263016>

[Daneshyari.com](https://daneshyari.com)