

Accepted Manuscript

A New Descriptor for Person Identity Verification based on Handwritten Strokes Off-Line Analysis

Verónica Aubin, Marco Mora

PII: S0957-4174(17)30516-X
DOI: [10.1016/j.eswa.2017.07.039](https://doi.org/10.1016/j.eswa.2017.07.039)
Reference: ESWA 11455



To appear in: *Expert Systems With Applications*

Received date: 27 September 2016
Revised date: 4 July 2017
Accepted date: 24 July 2017

Please cite this article as: Verónica Aubin, Marco Mora, A New Descriptor for Person Identity Verification based on Handwritten Strokes Off-Line Analysis, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.07.039](https://doi.org/10.1016/j.eswa.2017.07.039)

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 new descriptor for person identity verification is proposed
- The descriptor is a measurement of relative position of the darkest points
- The study is based on the processing of single and simple graphemes
- A repository of 15.000 images was constructed for experimentations.
- Performance validation is carried out using Support Vector Machines

Download English Version:

<https://daneshyari.com/en/article/4943219>

Download Persian Version:

<https://daneshyari.com/article/4943219>

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