

Accepted Manuscript

Multi-Criteria Handwriting Quality Analysis with Online Fuzzy Models

Damien Simonnet, Eric Anquetil, Manuel Bouillon

PII: S0031-3203(17)30147-4
DOI: [10.1016/j.patcog.2017.04.003](https://doi.org/10.1016/j.patcog.2017.04.003)
Reference: PR 6111

To appear in: *Pattern Recognition*

Received date: 5 August 2016
Revised date: 14 March 2017
Accepted date: 4 April 2017

Please cite this article as: Damien Simonnet, Eric Anquetil, Manuel Bouillon, Multi-Criteria Handwriting Quality Analysis with Online Fuzzy Models, *Pattern Recognition* (2017), doi: [10.1016/j.patcog.2017.04.003](https://doi.org/10.1016/j.patcog.2017.04.003)



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

- Development of a digital workbook to help teachers and children from three to seven/years old during the handwriting learning process.
- Pedagogical exercises that are automatically adapted to children difficulties based on the automatic analysis of children writing.
- An on-line and real time feedback is given to children to help them work in autonomy.
- Analysis-based features and classifiers.
- Multi-criteria analysis: shape, order and direction.

Download English Version:

<https://daneshyari.com/en/article/4969681>

Download Persian Version:

<https://daneshyari.com/article/4969681>

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