Accepted Manuscript

A Robust Wrist Point Detection Algorithm using Geometric Features

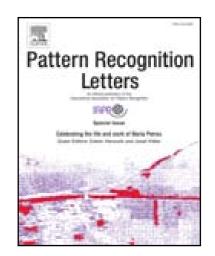
Gourav Modanwal, Kishor Sarawadekar

PII: S0167-8655(18)30104-1 DOI: 10.1016/j.patrec.2018.03.025

Reference: PATREC 7120

To appear in: Pattern Recognition Letters

Received date: 18 September 2017 Revised date: 15 March 2018 Accepted date: 24 March 2018



Please cite this article as: Gourav Modanwal, Kishor Sarawadekar, A Robust Wrist Point Detection Algorithm using Geometric Features, *Pattern Recognition Letters* (2018), doi: 10.1016/j.patrec.2018.03.025

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

- This work proposes a robust wrist point detection algorithm using geometric features.
- The proposed algorithm is based on the anatomical assumption of the human hand.
- The detection accuracy is almost 84% (753 out of 899) with HGR1 database.
- Among these, the majority (480 out of 753) belongs to e < 0.2 error bin.
- The proposed algorithm performs well in a real-life scenario too.

Download English Version:

https://daneshyari.com/en/article/6940263

Download Persian Version:

https://daneshyari.com/article/6940263

<u>Daneshyari.com</u>