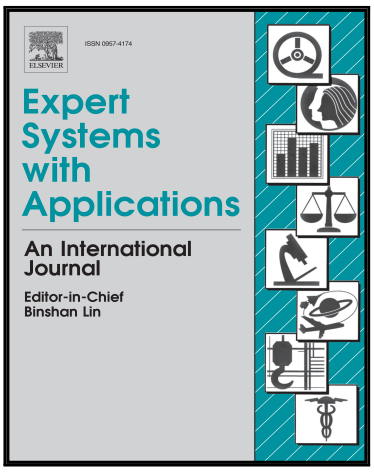

Fractional Means based Method for Multi-Oriented Keyword Spotting in Video/Scene/License Plate Images

Palaiahnakote Shivakumara , Sangheeta Roy , Hamid A. Jalab , Rabha W. Ibrahim , Umapada Pal , Tong Lu , Vijeta Khare , Ainuddin Wahid Bin Abdul Wahab

PII: S0957-4174(18)30523-2
DOI: https://doi.org/10.1016/j.eswa.2018.08.015
Reference: ESWA 12145

To appear in: *Expert Systems With Applications*

Received date: 18 August 2017
Revised date: 10 July 2018
Accepted date: 10 August 2018

Please cite this article as: Palaiahnakote Shivakumara , Sangheeta Roy , Hamid A. Jalab , Rabha W. Ibrahim , Umapada Pal , Tong Lu , Vijeta Khare , Ainuddin Wahid Bin Abdul Wahab , Fractional Means based Method for Multi-Oriented Keyword Spotting in Video/Scene/License Plate Images, *Expert Systems With Applications* (2018), doi: https://doi.org/10.1016/j.eswa.2018.08.015

Highlights

- A novel approach for keyword spotting in video, scene and license plate images.
- Anew model based on fractional means for reducing background complexity.
- The combination of Radon and Fourier coefficients to extract context features.
- Minimum cost path based ring growing to restore missing characters.