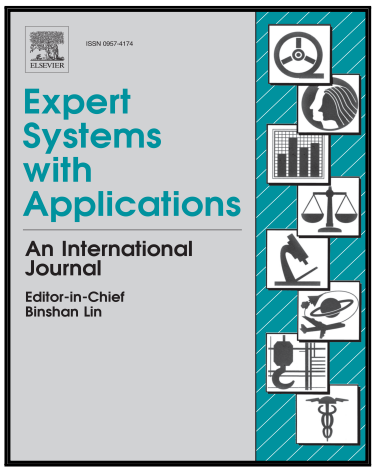

Texture Analysis of Masses Malignant in Mammograms Images Using a Combined Approach of Diversity Index and Local Binary Patterns Distribution

Simara Vieira da Rocha, Geraldo Braz Junior, Aristófanes Corrêa Silva, Anselmo Cardoso de Paiva, Marcelo Gattass

PII: S0957-4174(16)30468-7
DOI: 10.1016/j.eswa.2016.08.070
Reference: ESWA 10863

To appear in: *Expert Systems With Applications*

Received date: 17 November 2015
Revised date: 29 August 2016
Accepted date: 30 August 2016

Please cite this article as: Simara Vieira da Rocha, Geraldo Braz Junior, Aristófanes Corrêa Silva, Anselmo Cardoso de Paiva, Marcelo Gattass, Texture Analysis of Masses Malignant in Mammograms Images Using a Combined Approach of Diversity Index and Local Binary Patterns Distribution, *Expert Systems With Applications* (2016), doi: 10.1016/j.eswa.2016.08.070

Highlights

- A methodology to texture analysis of masses in digitized mammography is proposed
- Our methodology uses only the texture analysis for recognition.
- We provide the specialist bigger support to the diagnosis of breast cancer.
- We cooperate to a more precise diagnosis and support in the medical intervention.