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Editors:

A.N. Skodras

A.G. Constantinides

SESSION W4C

Biomedical Image Processing

Type: Special Session

Time & Place: 17.30 – 19.00, HALL C

Chairperson & Organiser: Y. Attikiouzel (*Australia*)

W4C.1

ADAPTATION OF THE DAUGMAN-DOWNING TEXTURE DEMODULATION TO HIGHLIGHT CIRCUMSCRIBED MASS LESIONS ON MAMMOGRAMS

S. M. Kwok, R. Chandrasekhar, Y. Attikiouzel, *The University of Western Australia (Australia)*

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W4C.2

AN ADAPTIVE WAVELET-BASED METHOD FOR MAMMOGRAPHIC IMAGE ENHANCEMENT

P. Sakellariopoulos, L. Costaridou, G. Panayiotakis, *University of Patras (Greece)*

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W4C.3

UNCONVENTIONAL EDGE DETECTOR: PRELIMINARY THEORETICAL INVESTIGATION

R. Chandrasekhar, P. Houlis, Y. Attikiouzel, *The University of Western Australia (Australia)*

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W4C.4

MAMMOGRAPHIC MASS CLASSIFICATION USING TEXTURAL FEATURES AND DESCRIPTIVE DIAGNOSTIC DATA

M. E. Mavroforakis, H. V. Georgiou, S. Theodoridis, *University of Athens (Greece)*

D. Cavouras, *Technological Education Institution of Athens (Greece)*

N. Dimitropoulos, *EUROMEDICA Medical Center (Greece)*

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W4C.5

MULTI-RESOLUTION MORPHOLOGICAL ANALYSIS AND CLASSIFICATION OF MAMMOGRAPHIC MASSES USING SHAPE, SPECTRAL AND WAVELET FEATURES

M. E. Mavroforakis, H. V. Georgiou, S. Theodoridis, *University of Athens (Greece)*

D. Cavouras, *Technological Education Institution of Athens (Greece)*

N. Dimitropoulos, *EUROMEDICA Medical Center (Greece)*

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