



Volume 90 Issue 12 December 2010 ISSN 0165-1684

SIGNAL PROCESSING

An International Journal

A publication of the European Association for Signal Processing (EURASIP)



Contents

Abstracted/indexed in: Arts & Humanities Search[®]; ASFA (Aquatic Sciences and Fisheries Abstracts); Computer and Information Systems; CSA Aerospace, & High Technology Database; CSA Life Sciences Abstracts; CSA Technology Research Database; Current Contents Search[®]; DIALOG Newsroom; Education Abstracts; Ei Compendex[®]; Electronics and Communications Abstracts; Energy Science and Technology; Environmental Engineering Abstracts; GeoRef; Inside Conferences; Inspec; MathSci[®]; MetalBase; PASCAL; SciSearch[®]; Solid State and Superconductivity Abstracts; Thomson Scientific Science Citation Index; UnCover[®]; Wilson Applied Science & Technology Abstracts. Also covered in the abstract and citation database SCOPUS[®]. Full text available on ScienceDirect[®].

Research Papers

- S. Spasić
Surrogate data test for nonlinearity of the rat cerebellar electrocorticogram in the model of brain injury 3015
- X. Zhang, S. Wang, Z. Qian and G. Feng
Reversible fragile watermarking for locating tampered blocks in JPEG images 3026
- B. Beahan and W. Cowley
Improving frequency estimation performance for burst transmissions by optimising reference symbol distribution 3037
- I. Tabatabaei Ardekani and W.H. Abdulla
Theoretical convergence analysis of FxLMS algorithm 3046
- M. Oispuu and U. Nickel
Direct detection and position determination of multiple sources with intermittent emission 3056
- J.-Z. Jiang and P.-L. Shui
Design of 2D linear phase DFT modulated filter banks using bi-iterative second-order cone program 3065
- D. Megías, J. Serra-Ruiz and M. Fallahpour
Efficient self-synchronised blind audio watermarking system based on time domain and FFT amplitude modification 3078
- J.R. Beltrán and J. Ponce de León
Estimation of the instantaneous amplitude and the instantaneous frequency of audio signals using complex wavelets 3093
- R.H. Milocco and J.A. De Doná
Robust deconvolution for ARMAX models with Gaussian uncertainties 3110
- A. Majumdar and R.K. Ward
Compressed sensing of color images 3122
- C. Wu and K.L. Teo
A dual parametrization approach to Nyquist filter design 3128
- P. Yahampath
Joint source-decoding in large scale sensor networks using Markov random field models 3134

Contents continued inside

0165-1684(201012)90:12;1-X

Available online at www.sciencedirect.com**ScienceDirect**

| | | |
|--|--|------|
| L. Jacques | | |
| A short note on compressed sensing with partially known signal support | | 3308 |
| B. Chen, Y. Zhu, J. Hu and M. Zhang | | |
| A new interpretation on the MMSE as a robust MEE criterion | | 3313 |
| J. Zhang, J. Dai and Z. Ye | | |
| An extended TOPS algorithm based on incoherent signal subspace method | | 3317 |

Supporting and

Informing our community

Editorial

Editorial