



Volume 89

Issue 8

August 2009

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[®]

Reviews

- A. Benavoli, L. Chisci and A. Farina
Fibonacci sequence, golden section, Kalman filter and optimal control 1483
- D. Campbell, E. Jones and M. Glavin
Audio quality assessment techniques—A review, and recent developments 1489

Research Papers

- Z. He, X. You and Y. Yuan
Texture image retrieval based on non-tensor product wavelet filter banks 1501
- M. Zontak and I. Cohen
Defect detection in patterned wafers using multichannel Scanning Electron Microscope 1511
- H. Zhang, Z. Jing and S. Hu
Gaussian mixture CPHD filter with gating technique 1521
- C. Deng, X. Gao, X. Li and D. Tao
A local Tchebichef moments-based robust image watermarking 1531
- S. Ghofrani and D.C. McLernon
Auto-Wigner–Ville distribution via non-adaptive and adaptive signal decomposition 1540
- I. Sarkar, T. Poonnen and A.T. Fam
Area and power efficient mismatched filters based on sidelobe inversion 1550
- H.-J. He, J.-S. Zhang and F. Chen
Adjacent-block based statistical detection method for self-embedding watermarking techniques 1557
- H. Dong, Z. Wang and H. Gao
 H_{∞} filtering for systems with repeated scalar nonlinearities under unreliable communication links 1567
- B. Xiao, X. Gao, D. Tao and X. Li
A new approach for face recognition by sketches in photos 1576
- L. Sun, A. Sano, W. Sun and A. Kajiwarra
Channel identification and interference compensation for OFDM system in long multipath environment 1589
- C.-N. Yang, A.-G. Peng and T.-S. Chen
MTVSS: (M)isalignment (T)olerant (V)isual (S)ecret (S)haring on resolving alignment difficulty 1602

Contents continued inside





Volume 89, Issue 8, August 2009

(Contents continued from outside back cover)

Y.-X. Li, Q.-H. He, S. Kwong, T. Li and J.-C. Yang Characteristics-based effective applause detection for meeting speech	1625
H. Boche and U.J. Mönich Limits of signal processing performance under thresholding	1634
Fast Communications	
S. Suthaharan No-reference visually significant blocking artifact metric for natural scene images	1647
N.R. Reyes, P.V. Candeas, F.J. Cañadas Quesada and J.J. Carabias New algorithm based on spectral distance maximization to deal with the overlapping partial problem in note–event detection	1653
Y. Fan and J. Zhang Narrowband interference cancellation based on set-membership estimation in DCSK communication system	1661
Y. Wu, H.C. So and Y. Tan Joint time-delay and frequency estimation using parallel factor analysis	1667
Z. Yu, J. Wei and H. Liu Force-directed hybrid PSO-SNTO algorithm for acoustic source localization in sensor networks	1671
L.H.A. Monteiro, A.C. Lisboa and M. Eisenkraft Route to chaos in a third-order phase-locked loop network	1678