

IEEE

SIGNAL PROCESSING LETTERS

A PUBLICATION OF THE IEEE SIGNAL PROCESSING SOCIETY



www.ieee.org/sp/index.html

APRIL 2019

VOLUME 26

NUMBER 4

ISPLEM

(ISSN 1070-9908)

LETTERS

Distribution-Aware Block-Sparse Recovery via Convex Optimization	<i>S. Daei, F. Haddadi, and A. Amini</i>	528
Enhanced Direct Fitting Algorithms for PARAFAC2 With Algebraic Ingredients	<i>Y. Cheng and M. Haardt</i>	533
Lightweight Feature Fusion Network for Single Image Super-Resolution	<i>W. Yang, W. Wang, X. Zhang, S. Sun, and Q. Liao</i>	538
A Joint Least Squares and Least Absolute Deviation Model	<i>J. Duan, J. Idier, Y.-P. Wang, and M. Wan</i>	543
Optimal and Unbiased Filtering With Colored Process Noise Using State Differencing	<i>Y. S. Shmaliy, S. Zhao, and C. K. Ahn</i>	548
RGB-D Salient Object Detection by a CNN With Multiple Layers Fusion	<i>R. Huang, Y. Xing, and Z. Wang</i>	552
Quality Enhancement Network via Multi-Reconstruction Recursive Residual Learning for Video Coding	<i>L. Yu, L. Shen, H. Yang, L. Wang, and P. An</i>	557
A Square Root Sampling Law for Signal Recovery	<i>E. Mohammadi, A. Gohari, and F. Marvasti</i>	562
Robust Compressive Two-Dimensional Near-Field Millimeter-Wave Image Reconstruction in Impulsive Noise	<i>J. Lyu, D. Bi, X. Li, and Y. Xie</i>	567
Eigenbeam-ESPRIT for DOA-Vector Estimation	<i>A. Herzog and E. A. P. Habets</i>	572
Video Completion and Simultaneous Moving Object Detection for Extreme Surveillance Environments	<i>A. J. Tom and S. N. George</i>	577
Energy Detection Scheme in the Presence of Burst Signals	<i>H. Oh and H. Nam</i>	582
Deep Road Scene Understanding	<i>W. Zhou, S. Lv, Q. Jiang, and L. Yu</i>	587
Selection of Empirical Mode Decomposition Techniques for Extracting Breathing Rate From PPG	<i>M. A. Motin, C. K. Karmakar, and M. Palaniswami</i>	592
Unconstrained Offline Handwritten Word Recognition by Position Embedding Integrated ResNets Model	<i>X. Wu, Q. Chen, J. You, and Y. Xiao</i>	597
Asynchronous Localization for UASNs: An Unscented Transform-Based Method	<i>J. Yan, H. Zhao, Y. Wang, X. Luo, and X. Guan</i>	602

Symbol Detection of Phase Noise-Impaired Massive MIMO Using Approximate Bayesian Inference	X. Yang, S. Jin, and C.-K. Wen	607
Optimal Linear Detection for MIMO Systems With Finite Constellation Inputs	P. Yang and H. Yang	612
Local Time-Domain Spherical Harmonic Spatial Encoding for Wave-Based Acoustic Simulation	S. Bilbao, A. Politis, and B. Hamilton	617
Constructions of Codebooks Asymptotically Achieving the Welch Bound With Additive Characters	L. Tian, Y. Li, T. Liu, and C. Xu	622
A Fast and Efficient Text Steganalysis Method	Z. Yang, Y. Huang, and Y.-J. Zhang	627
Velocity-Based Signal Features for the Assessment of Parkinsonian Handwriting	D. Impedovo	632
sEMG-Based Tremor Severity Evaluation for Parkinson's Disease Using a Light-Weight CNN	Z. Qin, Z. Jiang, J. Chen, C. Hu, and Y. Ma	637
Coherent SVR Learning for Wideband Direction-of-Arrival Estimation	L.-L. Wu and Z.-T. Huang	642
EDICS—Editors' Information Classification Scheme		
Information for Authors		
