

# IEEE TRANSACTIONS ON SIGNAL PROCESSING

A PUBLICATION OF THE IEEE SIGNAL PROCESSING SOCIETY



[www.signalprocessingsociety.org](http://www.signalprocessingsociety.org)

Indexed in PubMed and MEDLINE, products of the United States National Library of Medicine



AUGUST 15, 2019

VOLUME 67

NUMBER 16

ITPRED

(ISSN 1053-587X)

## REGULAR PAPERS

One-Bit Compressive Sensing via Schur-Concave Function Minimization . . . . .	<i>P. Xiao, B. Liao, and J. Li</i>	4139
Randomized Two-Timescale Hybrid Precoding for Downlink Multicell Massive MIMO Systems . . . . .	<i>X. Chen, A. Liu, Y. Cai, V. K. N. Lau, and M.-J. Zhao</i>	4152
Stability Bound of the Initial Mean-Square Deviation of High-Order Stochastic Gradient Adaptive Filtering Algorithms . . . . .	<i>E. Eweda</i>	4168
High-Dimensional Filtering Using Nested Sequential Monte Carlo . . . . .	<i>C. A. Naesseth, F. Lindsten, and T. B. Schön</i>	4177
Stochastic Successive Convex Approximation for Non-Convex Constrained Stochastic Optimization . . . . .	<i>A. Liu, V. K. N. Lau, and B. Kananian</i>	4189
Channel Estimation for Orthogonal Time Frequency Space (OTFS) Massive MIMO . . . . .	<i>W. Shen, L. Dai, J. An, P. Fan, and R. W. Heath, Jr.</i>	4204
Constrained Sampling: Optimum Reconstruction in Subspace With Minimax Regret Constraint . . . . .	<i>B. Sadeghi, R. Yu, and V. N. Boddeti</i>	4218
Optimization Algorithms for Graph Laplacian Estimation via ADMM and MM . . . . .	<i>L. Zhao, Y. Wang, S. Kumar, and D. P. Palomar</i>	4231
Provable Subspace Tracking From Missing Data and Matrix Completion . . . . .	<i>P. Narayanamurthy, V. Daneshpajooh, and N. Vaswani</i>	4245
On Global Linear Convergence in Stochastic Nonconvex Optimization for Semidefinite Programming . . . . .	<i>J. Zeng, K. Ma, and Y. Yao</i>	4261
Joint Optimization of a UAV's Trajectory and Transmit Power for Covert Communications . . . . .	<i>X. Zhou, S. Yan, J. Hu, J. Sun, J. Li, and F. Shu</i>	4276
Tests For the Parameters of Chirp Signal Model . . . . .	<i>S. S. Dhar, D. Kundu, and U. Das</i>	4291
Estimation Theoretic Optimal Encoding Design for Secure Transmission of Multiple Parameters . . . . .	<i>C. Goken, S. Gezici, and O. Arikan</i>	4302
On the Design of Constant Modulus Probing Waveforms With Good Correlation Properties for MIMO Radar via Consensus-ADMM Approach . . . . .	<i>J. Wang and Y. Wang</i>	4317
The Relationship Between the Cyclic Wiener Filter and Fractionally Spaced Equalizers . . . . .	<i>O. A. Yeste Ojeda and J. Grajal</i>	4333



---

Lattice-Reduction-Aided Gibbs Algorithm for Lattice Gaussian Sampling: Convergence Enhancement and Decoding Optimization .....	<i>Z. Wang, Y. Huang, and S. Lyu</i>	4342
Joint Waveform and Guidance Control Optimization for Target Rendezvous .....	<i>A. Benavoli, A. Balleri, and A. Farina</i>	4357
Robust Adaptive Wideband Beamforming Based on Time Frequency Distribution ...	<i>Y. Liu, C. Liu, D. Hu, and Y. Zhao</i>	4370
Minimax Optimal Algorithms for Adversarial Bandit Problem With Multiple Plays .....	<i>N. M. Vural, H. Gokcesu, K. Gokcesu, and S. S. Kozat</i>	4383

---

EDICS–Editors’ Information Classification Scheme .....		
Information for Authors .....		

---