

# 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



MARCH 1, 2019

VOLUME 67

NUMBER 5

ITPRED

(ISSN 1053-587X)

## REGULAR PAPERS

Learning in Wireless Control Systems Over Nonstationary Channels .....	<i>M. Eisen, K. Gatsis, G. J. Pappas, and A. Ribeiro</i>	1123
Stochastic Bit-Wise Iterative Decoding of Polar Codes .....	<i>K. Han, J. Wang, W. J. Gross, and J. Hu</i>	1138
Recursive Estimation of Dynamic RSS Fields Based on Crowdsourcing and Gaussian Processes .....	<i>I. Santos, J. J. Murillo-Fuentes, and P. M. Djurić</i>	1152
Distributed Topology Manipulation to Control Epidemic Spreading Over Networks .....	<i>D. Xue and S. Hirche</i>	1163
Error Preserving Correction: A Method for CP Decomposition at a Target Error Bound .....	<i>A.-H. Phan, P. Tichavský, and A. Cichocki</i>	1175
Compressed Training Based Massive MIMO .....	<i>B. B. Yilmaz and A. T. Erdogan</i>	1191
Low Rank and Structured Modeling of High-Dimensional Vector Autoregressions ...	<i>S. Basu, X. Li, and G. Michailidis</i>	1207
Online Forecasting Matrix Factorization .....	<i>S. Gultekin and J. Paisley</i>	1223
Receive Spatial Modulation in Correlated Massive MIMO With Partial CSI .....	<i>M. Maleki, K. Mohamed-Pour, and M. Soltanalian</i>	1237
Quasi-Static and Time-Selective Channel Estimation for Block-Sparse Millimeter Wave Hybrid MIMO Systems: Sparse Bayesian Learning (SBL) Based Approaches .....	<i>S. Srivastava, A. Mishra, A. Rajoriya, A. K. Jagannatham, and G. Ascheid</i>	1251
A Hybrid Lower Bound for Parameter Estimation of Signals With Multiple Change-Points .....	<i>L. Bacharach, M. N. El Korso, A. Renaux, and J.-Y. Tourneret</i>	1267
Time-Frequency Analysis of the Impulse Response .....	<i>L. Galleani</i>	1280
Detecting Gaussian Signals Using Coprime Sensor Arrays in Spatially Correlated Gaussian Noise .....	<i>R. Bautista and J. R. Buck</i>	1296
Adaptive Diffusions for Scalable Learning Over Graphs .....	<i>D. Berberidis, A. N. Nikolakopoulos, and G. B. Giannakis</i>	1307
Sparse Signal Recovery via Generalized Entropy Functions Minimization .....	<i>S. Huang and T. D. Tran</i>	1322



---

Online Learning With Inexact Proximal Online Gradient Descent Algorithms .....	<i>R. Dixit, A. S. Bedi, R. Tripathi, and K. Rajawat</i>	1338
Estimation of the Evolutionary Spectra With Application to Stationarity Test .....	<i>Y. Xiang, J. Ding, and V. Tarokh</i>	1353
Recursive Maximum Likelihood Algorithm for Dependent Observations .....	<i>B. Schwartz, S. Gannot, E. A. P. Habets, and Y. Noam</i>	1366
SINR Distribution for the Persymmetric SMI Beamformer With Steering Vector Mismatches .....	<i>J. Liu, D. Orlando, P. Addabbo, and W. Liu</i>	1382

---

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

---