

# 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



OCTOBER 1, 2018

VOLUME 66

NUMBER 19

ITPRED

(ISSN 1053-587X)

---

## REGULAR PAPERS

Performance Analysis of the Gaussian Quasi-Maximum Likelihood Approach for Independent Vector Analysis .....	<i>A. Weiss, S. A. Cheema, M. Haardt, and A. Yeredor</i>	5000
Sparse Recovery Conditions and Performance Bounds for $\ell_p$ -Minimization .....	<i>C. Yang, X. Shen, H. Ma, Y. Gu, and H. C. So</i>	5014
Compressive Phase Retrieval via Reweighted Amplitude Flow .....	<i>L. Zhang, G. Wang, G. B. Giannakis, and J. Chen</i>	5029
Iterative Sparse Channel Estimation and Data Detection for Underwater Acoustic Communications Using Partial Interval Demodulation .....	<i>A. K. P. and C. R. Murthy</i>	5041
Distributional Behavior of Convolution Sum System Representations .....	<i>H. Boche and U. J. Mönich</i>	5056
Rating Prediction via Graph Signal Processing .....	<i>W. Huang, A. G. Marques, and A. R. Ribeiro</i>	5066
Improved Structured Dictionary Learning via Correlation and Class Based Block Formation. ....	<i>N. Kumar and R. Sinha</i>	5082
Structured Random Compressed Channel Sensing for Millimeter-Wave Large-Scale Antenna Systems .....	<i>C.-R. Tsai and A.-Y. Wu</i>	5096

---



---

Equalization of Frequency Selective Channels Using Multirate Signal Processing .....	<i>M. F. Bayramođlu and M. Juntti</i>	5111
Limited Feedback Channel Estimation in Massive MIMO With Non-Uniform Directional Dictionaries .....	<i>P. N. Alevizos, X. Fu, N. D. Sidiropoulos, Y. Yang, and A. Bletsas</i>	5127
Hybrid MIMO-OFDM Beamforming for Wideband mmWave Channels Without Instantaneous Feedback .....	<i>Y.-P. Lin</i>	5142
Nonconvex Demixing From Bilinear Measurements .....	<i>J. Dong and Y. Shi</i>	5152
Data-Adaptive Active Sampling for Efficient Graph-Cognizant Classification .....	<i>D. Berberidis and G. B. Giannakis</i>	5167
Learning to Beamform for Minimum Outage .....	<i>Y. Shi, A. Konar, N. D. Sidiropoulos, X.-P. Mao, and Y.-T. Liu</i>	5180
An Algorithmic Framework for Sparse Bounded Component Analysis .....	<i>E. Babatas and A. T. Erdogan</i>	5194

---

COMMENTS AND REPLIES

Comments on “Waveform Design for Radar STAP in Signal Dependent Interference” .....	<i>A. Aubry, A. De Maio, and A. Farina</i>	5206
---	--	------

---