Journal of Communications

CONTENTS

Volume 11, Number 5, May 2016

Energy-Efficient Resource Allocation in Macrocell-Smallcell Heterogeneous Networks .............................................. 440
  Lingyun Feng, Yueyun Chen, and Xinzhe Wang

Performance Optimization for Interference Alignment Based on MMSE Prediction to Time-Variant Channels .......... 446
  Momiao Zhou and Feifei Zhao

Design of LDPC Codes Degree Sequences on Random Particle Swarm Optimization over Mixed Channel .......... 455
  Kangning Sun, Linhua Ma, Yanhua Cao, Xing Hu, and Shaocheng Huang

Dynamic Rate Allocation for Multipath Routing under Path Stability and Prioritized Traffic Session Constraints for Cognitive Radio Ad Hoc Networks with Selfish Secondary Users ......................................................... 462
  Long Zhang, Chunhong Bai, Fan Zhuo, Haitao Xu, and Wei Huang

Delay Lock Loop Assisted Phase Lock Loop for GNSS Signal Tracking ................................................................. 471
  Hui Bao

Hybrid PAPR Reduction Scheme with Partial Transmit Sequence and Tone Reservation for FBMC/OQAM .......... 478
  Han Wang, Yani Cui, Wencai Du, and Lingwei Xu

Community Detection in Weighted Networks via Recursive Edge-Filtration .............................................................. 484
  Yi Shen, Yang Liu, and Wenqian Xing

High Security Multiple-Image Encryption Using Discrete Cosine Transform and Discrete Multiple-Parameter Fractional Fourier Transform ................................................................. 491
  Guanghui Ren, Jianan Han, Haihui Zhu, Jiahui Fu, and Mingguang Shan

Measurement Matrix Calibration Method for Modulated Wideband Converter under Imperfect Periodic Pseudorandom Waveform ................................................................. 498
  Tianyi Xiong, Zan Li, and Peihan Qi

Threshold Selection for TOA Estimation Based on Skewness and Kurtosis in 60GHz Ranging System .......... 507
  Ning Du, Hao Zhang, Tingting Lv, and T. Aaron Gulliver

Calibration of MEMS Accelerometer Based on Kalman Filter and the Improved Six Position Method .......... 516
  Yu Liu, Gaolin Xiang, Yongle Lu, Yang Cao, Yunmei Li, and Lin Lv