

CONTENTS

ELECTRONICS TECHNOLOGY

- 531 MCHOKeM algorithm with assured bandwidth allocation in DiffServ networks**
Haifeng Du, Yang Xiao, and Kiseon Kim
- 537 Range walk and array rotation in space-time adaptive processing: effects and compensations**
Jinping Sun, Guohua Wang, and Shiyi Mao
- 544 Modeling simulation and experiment of micro-Doppler signature of precession**
Hongwei Gao, Lianggui Xie, and Shuliang Wen
- 550 Compressed sensing based channel estimation for fast fading OFDM systems**
Xiaoping Zhou, Yong Fang, and Min Wang
- 557 Joint frequency offset tracking and PAPR reduction algorithm in OFDM systems**
Lijun Ge, Yingxin Zhao, Hong Wu, Ning Xu, Yu'ang Jin, and Wenqi Li

DEFENCE ELECTRONICS TECHNOLOGY

- 562 Research on keystone formatting based on non-baseband interpolation**
Yufei Cao, Xiaoguang Qu, and Peikang Huang
- 566 Application of improved equivalent edge currents in synthetic aperture radar imaging**
Yanwei Zhao, Ping Zhou, Xiangyang Zhang, and Min Zhang
- 572 Circular SAR processing using an improved omega-k type algorithm**
Leilei Kou, Xiaoqing Wang, Jinsong Chong, Maosheng Xiang, and Minhui Zhu

SYSTEMS ENGINEERING

- 580 Intuitionistic fuzzy C-means clustering algorithms**
Zeshui Xu and Junjie Wu
- 591 Method for multi-attribute group decision-making based on the compromise weights**
Shengbao Yao and Wan'an Cui
- 598 Prediction model of interval grey number based on DGM (1,1)**
Bo Zeng, Sifeng Liu, and Naiming Xie
- 604 Fuzzy multi-criteria decision-making approach with incomplete information based on evidential reasoning**
Jianqiang Wang, Hongyu Zhang, and Zhong Zhang

609 New approach to determine common weights in DEA efficiency evaluation model
Feng Yang, Chenchen Yang, Liang Liang, and Shaofu Du

616 Technology of structure damage monitoring based on multi-agent
Hongbing Sun, Shenfang Yuan, Xia Zhao, Hengbao Zhou, and Dong Liang

CONTROL THEORY AND APPLICATION

623 Integrated guidance and control design for missile with terminal impact angle constraint based on sliding mode control
Peng Wu and Ming Yang

629 Non-fragile guaranteed cost control of discrete-time fuzzy bilinear system
Guo Zhang and Junmin Li

635 Non-fragile guaranteed cost control for uncertain neutral large-scale interconnected systems
Dan Zhao, Qingling Zhang, Heli Hu, and Chunyuan Zhao

643 Analysis of unmanned aerial vehicle navigation and height control system based on GPS
Jianjun Zhang and Hong Yuan

650 Robust stability and stabilization for uncertain discrete-time switched singular systems with time-varying delays
Jinxing Lin, Shumin Fei, and Jiong Shen

658 Robust H_∞ control for neutral stochastic uncertain systems with time-varying delay
Guici Chen and Xiaoping Wang

666 Self-tuning measurement fusion white noise deconvolution estimator with correlated noises
Xiaojun Sun and Zili Deng

675 Pulsar/CNS integrated navigation based on federated UKF
Jin Liu, Jie Ma, and Jinwen Tian

682 Fault tolerant navigation method for satellite based on information fusion and unscented Kalman filter
Dan Li, Jianye Liu, Li Qiao, and Zhi Xiong

SOFTWARE ALGORITHM AND SIMULATION

688 Passivity analysis for uncertain stochastic neural networks with discrete interval and distributed time-varying delays
P. Balasubramaniam and G. Nagamani

698 Coverage of communication-based sensor nodes deployed location and energy efficient clustering algorithm in WSN
Xiang Gao, Yintang Yang, and Duan Zhou

705 New Mehrotra's second order predictor-corrector algorithm for $P.(x)$ linear complementarity problems
Mingwang Zhang and Yanli Lü

713 Coordination-theoretic approach to modelling grid service composition process
Meng Qian, Zhong Liu, Jing Wang, Li Yao, and Weiming Zhang