

## **Control and Cybernetics**

vol. **41** (2012) No. 2

---

### **CONTENTS**

---

<i>Special Section</i>	273
X. CHEN, F. XHAFA: Guest Editorial: Special Section on Security for Intelligent Networking and Collaborative Systems	275
B. QIN, Q. WU, J. DOMINGO-FERRER, W. SUSILO: Robust distributed privacy-preserving secure aggregation in vehicular communication	277
H. TIAN, Y. LIU: A new strong multiple designated verifiers signature for broadcast propagation	297
J. GAO, X. LI, Y. WEI: Improved linear complexities of the frequency hopping sequences in two optimal sets	317
S. LIU, K. CHEN: Homomorphic linear authentication schemes from $\epsilon$ -ASU <sub>2</sub> functions for proofs of retrievability	335
Y. SHEN, Q. PEI, Q. XU, N. XI, J. MA: HGRP: hybrid grid routing protocol for heterogeneous hierarchical wireless networks	353
H. XIONG, Q. WU, Z. CHEN: An efficient provably secure certificateless aggregate signature applicable to mobile computation	373

---

<i>Regular Papers</i>	393
E. de C. DINIZ, A.B.S. JÚNIOR, D.A. HONÓRIO, L.H.S.C. BARRETO, L.L.N. DOS REIS: An elbow planar manipulator driven by induction motors using sliding mode control for current loop	395
P. BORKOWSKI, J. MIELNICZUK: Performance of variance function estimators for autoregressive time series of order one: asymptotic normality and numerical study	415
S. ROLEWICZ: On uniformly approximate convex vector-valued function	443
G. WEI, R. LIN, X. ZHAO, H. WANG: Some aggregating operators based on the Choquet integral with fuzzy number intuitionistic fuzzy information and their applications to multiple attribute decision making	463
i. UÇAL SARI, D. KUCHTA: Fuzzy global sensitivity analysis of fuzzy net present value	481
J. KAUR, A. KUMAR: Unique fuzzy optimal value of fully fuzzy linear programming problems	497