

- 1 **A Framework for Bottleneck Analysis in High-Performance Software Design**
Issa Traore ; Isaac Woungang ; Ahmed Awad El Sayed Ahmed ; Mohammed S. Obaidat
Software performance engineering process ; Software development life cycle ; Distributed software systems ; Queuing networks ; Bottleneck analysis
- 2 **BCHEd-Energy Balanced Sub-Round Local Topology Management for Wireless Sensor Network**
Wei Zhang ; Naixue Xiong ; Laurence T. Yang ; Gangmin Jia ; Jilin Zhang
Wireless sensor network ; Topology controlling ; Network clustering
- 3 **An Asynchronous Duty Cycle Adjustment MAC Protocol for Wireless Sensor Networks**
Yu-Chia Chang ; Jehn-Ruey Jiang ; Jang-Ping Sheu
Wireless sensor network ; Sleep/wake schedule ; Duty cycle ; Energy efficiency ; Medium access control
- 4 **Improvement on a Smart Card Based Password Authentication Scheme**
Debiao He ; Jianhua Chen ; Jin Hu
Authentication ; Security ; Cryptanalysis ; Smart card ; Attacks
- 5 **Practical Remote Mutual Authentication with Key Agreement Scheme for Mobile Devices on Elliptic Curve Cryptosystem**
Shuhua Wu ; Fei Kang ; Qiong Pu
ID-Based ; Mutual authentication ; Key agreement ; Anonymity ; Mobile device
- 6 **Service Protocol Adaptability Assessment for Supporting Mediated Service Interactions**
Zhang-Bing Zhou ; Lei Shu ; Jian-Wei Niu
Adaptability assessment ; Mediated service interaction ; Walk computation ; Service protocol
- 7 **A Simple Keystroke Dynamics-Based Authentication System Using Means and Standard Deviations**
Chao-Liang Liu ; Ting-Yi Chang ; Mao-Lun Chiang ; Cheng-Jung Tsai
User authentication ; Keystroke dynamics ; Proportionality method
- 8 **Mobile Agent Based Resource Monitoring for Job Submission in Grid with Virtual Database**
C. Valliyammai ; S. Thamarai Selvi
Grid ; Mobile agents ; Resource metrics ; Virtual DataBase ; Job monitoring
- 9 **Identifying P2P Applications Using Ensemble Learning and Co-Training**
Jian-Min Wang ; Cheng-Lu Qian ; Chun-Hui Che ; Hai-Tao He ; Fang You
Traffic classification ; Ensemble learning ; Semi-supervised learning ; P2P identification
- 10 **A Secure Dynamic Identity Based Remote User Authentication Scheme Using Secret Sharing**
Yun Liu ; Zi-Yao Cheng ; Chin-Chen Chang ; Zhen-Jiang Zhang
Mutual authentication ; Identity based cryptosystem ; Smart card ; Security