

- 1 **Multipath Transmission for Wireless Internet Access--From an End-to-End Transport Layer Perspective**
Weihua Zhuang ; Neda Mohammadizadeh ; Xuemin (Sherman) Shen
Multipath ; Transmission Control Protocol(TCP) ; Internet ; Transport layer ; Congestion control
- 2 **Producing Security Policy of IPSec Based on Improved λ -ID3 Algorithm**
Ming Yang ; Shuxu Guo ; Jun Wang
IPSec ; Security policy ; ID3 algorithm ; Policy engine ; Importance factor
- 3 **Constructing a Fuzzy Logic-Based High Performance Computing Environment: A Case Study of an IC Design House**
Kun-Ming Yu ; Chin-Feng Tseng ; Cheng-Kwan Chen
IC design ; EDA tool ; Heterogeneous ; Fuzzylogic ; Resource broker framework
- 4 **Anti-Monitoring Algorithm for Target Traversing Through Anisotropic Sensory Networks**
Lei Wang
Anti-monitoring ; Anisotropic sensor network ; Anisotropic voronoi tessellation ; Exposuremodel
- 5 **An Enhanced Case-Based Reasoning Model for Supporting Inference Missing Attribute and Its Feature Weight**
Hei-Chia Wang ; Tian-Hsiang Huang
Case-Based reasoning ; Association rule ; Feature weight ; Missing value
- 6 **An IP Header Extension Scheme for Route Optimization in Mobile IP Networks**
Neng-Chung Wang ; Young-Long Chen ; Chin-Ling Chen ; Yi-Jung Wu
Foreign agent ; Home agent ; IP header ; Mobile IP ; Route optimization
- 7 **Multi-Session Key Management Scheme for Multimedia Group Communications**
Jose Roberto Perez Cruz ; Saul Eduardo Pomares Hernandez ; Gustavo Rodriguez Gomez ; Khalil Drira ; Michel Diaz
Key management ; Multi-session ; Multimedia ; Group communication ; One key per packet
- 8 **Cryptanalysis of the Knapsack Cipher 0/255**
Junfang Xiao ; Guihua Zeng ; Baocang Wang
Public key cryptography ; Knapsack problem ; Continued fraction ; Cryptanalysis
- 9 **Extracting Signals from Noisy Single-Channel EEG Stream for Ubiquitous Healthcare Applications**
Hanjun Shin ; Sunwon Lee ; Himchan Kim ; Jaewoo Kang ; Koohyoung Lee
Online SSA ; EEG ; Noise cancelling ; Ocular artifacts ; BCI
- 10 **Service Context Management for Intelligent Service Provisioning in Networked Robot**
Jung-Min Park ; Joong-Jae LeelBum-Jae You
Service context ; Networked robot ; Robot service