

- 1 **An Efficient VLSI Architecture of Embedded Sub-Band Coding with Optimal Truncation for Scalable Video Coding**  
Jen-Shiun Chiang ; Chih-Hsien Hsia ; Ting-Hao Hwang  
Embedded sub-band coding with optimal truncation ; Scalable video coding ; Pass concurrent context modeling
- 2 **Improving Ad Hoc Routing by Designating Forwarding Nodes in Different Quadrants**  
Fang-Chang Kuo ; Kuo-Chang Ting ; Hwang-Cheng Wang ; Chih-Cheng Tseng ; Yung-Chih Lee  
AODV ; FARNO ; Q-DIR
- 3 **An Improved Session Identification Approach in Web Log Mining for Web Personalization**  
P. Sengottuvelan ; R. Lokeshkumar ; T. Gopalakrishnan  
Data preprocessing ; Web log mining ; Session Identification ; Web personalization
- 4 **Wi-Fi Network-Based Fingerprinting Algorithm for Localization in Coal Mine Tunnel**  
Hongyu Sun ; Lijun Bi ; Xiang Lu ; Yinjing Guo ; Naixue Xiong  
Fingerprinting algorithm ; Localization ; Wi-Fi network ; SVM
- 5 **Hybrid Particle Swarm Optimization with Artificial Bee Colony Optimization for Topology Control Scheme in Wireless Sensor Networks**  
Trong-The Nguyen ; Thi-Kien Dao ; Hao-Yun Kao ; Mong-Fong Horng ; Chin-Shiuh Shieh  
Particle swarm optimization ; Artificial bee colony ; Hybrid algorithm ; Topology control ; Wireless sensor networks
- 6 **DS-AKA-A Novel Secured Authentication Protocol for LTE-A Using Public Key Cryptography**  
M. Prasad ; R. Manoharan  
LTE-A ; AKA ; ElGamal ; Diffie-hellman key exchange ; EPS-AKA
- 7 **Formal Analysis on RFID Authentication Protocols Against De- Synchronization Attack**  
Kuo-Hui Yeh ; Nai-Wei Lo ; Ren-Zong Kuo ; Chunhua Su ; Hsuan-Yu Chen  
RFID ; Security ; Privacy ; Authentication ; Desynchronization attack
- 8 **Wireless Networks Using Matroid along with Network Coding**  
Purnendu Shekhar Pandey ; Neetesh Purohit ; Shekhar Verma  
Matroid ; Network coding ; Coding gain ; XOR ; Decoding delay

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9 **A Sampling Methodology for DPI Classifiers**

Jawad Khalife ; Amjad Hajjar ; Jesús Díaz-Verdejo

Traffic classification ; DPI ; Application signature ; Optimization

10 **Open Source Software Detection Using Function Parameter Based Software Birthmark**

Dongjin Kim ; Seong-je Cho ; Minkyu Park ; Sangchul Han

Open-source software ; Software birthmark ; Function parameter ; Sequence alignment ; K-gram