Table of Contents

An Analysis of Secure Interoperation of EPC and Mobile Equipments Cristina-Elena Vintila, Victor-Valeriu Patriciu, and Ion Bica	1
Constant-rate Adaptive Space-time Code Selection Technique for Wireless Communications Dimas Mavares Teran, Rafael Pedro Torres Jimenez, and Roberto Antonio Uzcategui Vargas	7
Handover Optimization in WiMAX Vehicular Communications Mihai Constantinescu and Eugen Borcoci	12
Mobile Phone Security Awareness and Practices of Students in Budapest Iosif Androulidakis and Gorazd Kandus	18
Impulse Response and Generating Functions of sincN FIR Filters Jean Le Bihan	25
Multi-Level Log-Likelihood Ratio Clipping in a Soft-Decision Near-Maximum Likelihood Detector Sebastien Aubert, Andrea Ancora, and Fabienne Nouvelle	30
Analysis of the Least-Squares Adaptive Algorithms in Interference Cancellation Configuration Silviu Ciochina, Constantin Paleologu, and Andrei Alexandru Enescu	36
An Evaluation Of Multiwavelet Families For Stereo Correspondence Matching Pooneh Bagheri Zadeh and Cristian Serdean	41
New Adaptation Method Using Two-dimensional PCA for Speaker Verification Chunyan Liang, Xiang Zhang, Lin Yang, Li Lu, and Yonghong Yan	46
Language Recognition With Locality Preserving Projection Jinchao Yang	51
Speech Recognition and Text-to-speech Solution for Vernacular Languages James Tamgno Kouawa, Morgan Richomme, Claude Lishou, Aristide Thomas Mendo'o, Pascal Uriel Elingui, and Seraphin D. Oyono Obono	56
Linguistic Text Compression Ondrej Kazik and Jan Lansky	64
Dynamic Codec Selection Algorithm for VoIP Maja Sulovic, Darijo Raca, Mesud Hadzialic, and Nasuf Hadziahmetovic	74

E-Model based Adaptive Jitter Buffer with Time-Scaling Embedded in AMR decoder Liyun Pang and Laszlo Boszormenyi	80
Service Strategies for Eliminating Digital Divide in Korea Hyongsoon Kim, Sang-Ug Kang, Kwang-Taek Ryu, and Eunyoung Lee	86
UEP for Wireless Video Streaming Using Spatially Multiplexed MIMO Systems With a Suboptimal Joint Detection Sanghyun Bak and Jaekwon Kim	91
Prefilter Bandwidth Effects in Sequential Symbol Synchronizers based on Pulse Comparation by Positive Transitions at Half Rate Antonio Reis, Jose Rocha, Atilio Gameiro, and Jose Carvalho	97
Sequential Symbol Synchronizers based on Pulse Comparation at Quarter Rate Antonio Reis, Jose Rocha, Atilio Gameiro, and Jose Carvalho	101
Prefilter Bandwidth Effects in Sequential Symbol Synchronizers based on Pulse Comparation at Quarter Rate Antonio Reis, Jose Rocha, Atilio Gameiro, and Jose Carvalho	105
Particle Swarm Optimization with Time-Varying Acceleration Coefficients Based on Cellular Neural Network for Color Image Noise Cancellation Te-Jen Su, Jui-Chuan Cheng, and Yang-De Sun	109
Peer Clustering System for Different Start Video Broadcasting Hathairat Ketmaneechairat	116
Mining Web Usage and Content structure Data to Improve Web Cache Performance in Content Aggregation Systems Carlos Guerrero, Carlos Juiz, and Ramon Puigjaner	123
Enhancing Situational Awareness by Means of Combat-ID to Minimize Fratricide and Collateral Damage in the Theater Tapio Saarelainen	131
The MediaSense Framework: Ranking Sensors in a Distributed Architecture Jamie Walters, Patrik Osterberg, and Theo Kanter	140
Evaluation of End-to-End Quality of Service over VPN Networks through Various Priority Mechanisms Nasser-Eddine Rikli and Saad Almogari	145