

Table of Contents

System Requirement Analyses for Ubiquitous Environment Management System	1
<i>Sang Boem Lim, Kyung Jun Gil, Ho Rim Choe, and Yang Dam Eo</i>	
Home Infotainment Platform – A Ubiquitous Access Device for Masses	11
<i>Arpan Pal, M. Prashant, Avik Ghose, and Chirabrata Bhaumik</i>	
A New Experiment on Bengali Character Recognition	20
<i>Sumana Barman, Debnath Bhattacharyya, Seung-whan Jeon, Tai-hoon Kim, and Haeng-Kon Kim</i>	
Human Inspired Self-developmental Model of Neural Network (HIM): Introducing Content/Form Computing	29
<i>Jiří Krajčů</i>	
Ubiquitous Computing in Creation of Cognitive Systems for Medical Images Interpretation	44
<i>Lidia Ogiela, Marek R. Ogiela, and Ryszard Tadeusiewicz</i>	
A BitTorrent-Based Dynamic Bandwidth Adaptation Algorithm for Video Streaming	51
<i>Tz-Heng Hsu, You-Sheng Liang, and Meng-Shu Chiang</i>	
Rough Sets Approximations for Learning Outcomes	63
<i>Sylvia Encheva and Sharil Tumin</i>	
An Energy Efficient Instruction Prefetching Scheme for Embedded Processors	73
<i>Ji Gu and Hui Guo</i>	
EFL/ESL Textbook Selection in Korea and East Asia - Relevant Issues and Literature Review	89
<i>Robert C. Meurant</i>	
Fujisaki Model Based Intonation Modeling for Korean TTS System	103
<i>Byeongchang Kim, Jinsik Lee, and Gary Geunbae Lee</i>	
Review: Security in Wireless Technologies in Business	112
<i>F.Y. Sattarova and Tai-hoon Kim</i>	
Emerging Approach of Natural Language Processing in Opinion Mining: A Review	121
<i>Tai-hoon Kim</i>	

Power Management Scheduling for Low Rate Wireless Sensor
Networks 129
 Xiao Hong, Michael J. Plyler, Ji Jun, and Yang Xiao

Bayesian Framework for Automatic Image Annotation Using Visual
Keywords 142
 *Rajeev Agrawal, Changhua Wu, William Grosky, and
 Farshad Fotouhi*

Author Index 159