

Table of Contents

Determination of BPA under Multi-sensor Data Fusion for Context Inference	1
<i>Shinsook Yoon, Chang-Keun Ryu, Donghyok Suh</i>	
Context Information Inference by Discriminating Event Information	8
<i>Donghyok Suh, Juhye Yook</i>	
A PHD management Gateway for Servicing Various PHDs	15
<i>KeeHyun Park, Seunghyeon Lim</i>	
Microwave Diversity Imaging Compression Using Bio-inspired Neural Networks	20
<i>Youwei Yuan, Yong Li, Weilei Xu, Jianghong Yu</i>	
The Zigbee Network Model with Reliable Communication	25
<i>Yu Ren, Kelong Wu</i>	
Representative Blobs Extraction for Surveillance Video Retrieval	31
<i>Jianping Han, Tian Tan, Longfei Chen, Daxing Zhang</i>	
Fast Identification of Frequent Occurring Motorcades Based on Massive Traffic Data Streams	36
<i>Jianhua Shao, Suhang Zheng, Dongjin Yu</i>	
Study on the improvement of the power efficiency of MAGLEV	41
<i>Kyoung Bok Lee, Ji Young Lim, Doh Young Park, Won Seok Choi, Hyun il Kang</i>	
Periodic Polyphase Complementary Sequence Sets Based on Perfect Sequences	46
<i>Fanxin Zeng, Xiaoping Zeng, Zhenyu Zhang, Guixin Xuan</i>	
Wire-Crossing Technique on Quantum-Dot Cellular Automata	52
<i>Sang-Ho Shin, Jun-Cheol Jeon, Kee-Young Yoo</i>	
A Game-theory Based Clustering Approach for Wireless Sensor Networks	58
<i>Zhanyang Xu, Yue Yin, Xiaotian Chen, Jin Wang</i>	
Designated-Verifier Provable Data Possession in Public Cloud	67
<i>YongjunRen, Jiang Xu, Jin Wang, Jeong-Uk Kim</i>	

Botnet Detection Based on Correlation of Malicious Behaviors.....	72
<i>Chunyong Yin, Darius Iko, Jin Wang</i>	
Botnet Detection Based on Degree Distributions of Node Using Data Mining Scheme.....	78
<i>Chunyong Yin, Yang Lei, Jin Wang</i>	
An Energy-efficient Clustering Routing Algorithm for Heterogeneous Wireless Sensor Networks.....	85
<i>Zhanyang Xu, Yue Yin, Jin Wang</i>	
A Novel Image Denoising Algorithm based on GA, PDE and TV.....	94
<i>Zhiyong Fan, Quansen Sun, Zexuan Ji, Feng Ruan, Liling Zhao</i>	
A Reconstruction Method of Compressive Sensing Data Recovery in Wireless Sensor Networks for SHM.....	99
<i>Sai Ji, Liping Huang, Jin Wang, Qi Liu</i>	
A Similarity Search Scheme over Encrypted Cloud Images based on Secure Transformation.....	103
<i>Zhijia Xia, Yi Zhu, Xingming Sun, Jin Wang</i>	
Server Re-Tag Provable Data Possession in Public Cloud.....	110
<i>Yongjun Ren, Jiang Xu, Jin Wang, Jeong-Uk Kim</i>	
Wavelet Soft Threshold Application on Compressive Sensing in Wireless Sensor Networks of SHM.....	116
<i>Sai Ji, Liping Huang, Jin Wang, Qi Liu</i>	
Adaptive Cooperative Communication Method in the Hierarchical Modulation with Reed Solomon Coding.....	122
<i>Sung-Bok Choi, Eui-Hak Lee, Hyoung-Kyu Song</i>	
A Cooperative Diversity Technique Using Precoding for OFDMA System in Wireless Communication.....	126
<i>Junpyo Jeon, Ki-Ro Kim, Hyoung-Kyu Song, Hyuncheol Park</i>	
Efficient Signal Detection for MIMO-OFDM System.....	130
<i>Jae-Jeong Kim, Hyoung-Kyu Song</i>	
3D Surface Reconstruction Method using coded Binary Pattern.....	134
<i>Jaewook Ha, Soon Kwon, Jaekyo Jeong, Hyeonwoo Kim</i>	

Auto-Exposure Control Method for a Stereo Camera using Gaussian Sampling	140
<i>Hyun-Woo Kim, Soon Kwon, Jung Je-Kyo, JaeWook Ha</i>	
Data Fusion with Reduced Calculation for Contextual Inference	146
<i>Donghyok Suh, Jeongbong You</i>	
Model Driven Architecture for Mobile Device Services	153
<i>Regin Joy Conejar, Haeng-Kon Kim</i>	
Component based and Model Driven Development for Mobile Product Line ...	160
<i>Yvette Gelogo, Haeng-Kon Kim</i>	
A Sensing System to break away from a Region using Location-Based Services	168
<i>Byungkook Jeon, R. Young Chul Kim</i>	
API Development for Efficiently Mapping between SEDRIS and Simulation Systems	172
<i>Hyun Seung Son, R. Young Chul Kim, In-geol Chun, Jae Ho Jeon, Woo Yeol Kim</i>	
Goal Oriented Requirements Extraction with Hybrid Approach Based on both Customer & User Needs	177
<i>Bokyung Park, R. Young Chul Kim, Byungho Park</i>	
Empirical Practice of Embedded Software Quality Improvement for managing water resource system based on ISO/IEC 9126	180
<i>Kidu Kim, R.Young Chul Kim</i>	
Template Design of Automatic Source Code Generation based on Script Language used in Cloud Robot Compiling Environment.....	184
<i>Woo-Sung Jang, R. Young Chul Kim</i>	
Efficient Mobile Business Development based on Business Process Framework	188
<i>Chaeyun Seo, R. Young Chul Kim, Jae H. Lee</i>	
A Study of the Evolution of Wireless Communications for SCADA Systems ..	192
<i>Minkyu Choi</i>	
A Study of the Integration of Hierarchical Mobile Networks for SCADA Systems	196
<i>Minkyu Choi, Ronnie D. Caytiles</i>	