

International Journal of Computer Theory and Engineering

CONTENTS

Volume 8, Number 3, June 2016

• Computer and Network Technology

Contribution of Virtual Reality for Lines Production's Simulation in a Lean Manufacturing Environment182
Mohamed-Amine Abidi, Barbara Lyonnet, Pierre Chevaillier, and Rosario Toscano

Investigating Combined Drug and Plasma Apheresis Therapy of HIV Infection by Double Compartment Cellular Automata Simulation.....190
Sompop Moonchai and Yongwimon Lenbury

Advanced Smart Cruise Control with Safety Distance Considered Road Friction Coefficient.....198
Doui Hong, Chanhho Park, Yongho Yoo, and Sungho Hwang

The Optimization Decision Model of Sub-contractor Selection in Multiple Subproject and Its Solving Method of Genetic Algorithm.....203
Huiyang Xie

Feasibility Test of Protocol Engines for a New Video System in Packet Communication.....207
Hyukje Kwon and Yongseok Choi

Simulating SQL-Injection Cyber-Attacks Using GNS3.....213
A. Mahrouqi, P. Tobin, S. Abdalla, and T. Kechadi

An SIMD Code Generation Technology for Indirect Array.....218
Pengyuan Li, Rongcai Zhao, Qinghua Zhang, and Lin Han

Virtualization at File System Level: A New Approach to Secure Data in Shared Environment.....223
Thi Thu Giang Tran, Duc Quang Le, and Trung Dung Tran

• Images Video Processing

The Modeling of Color Fatigue in 3-Dimensional Stereoscopic Video.....229
Jeong-Yeop Kim, Sang-Hyun Kim, and Gil-Ja So

Subsequent Processing of Background Modeling for Traffic Surveillance System.....235
Duong Nguyen-Ngoc Tran, Tien Phuoc Nguyen, Tai Nhu Do, and Synh Viet-Uyen Ha

Heuristically Semi-automated Segmentation of Femur from 3-D CT Images.....240
Zhiwei Huang, Ning Dai, and Hao Liu

• Electronic and Electrical Engineering

Optimal Schedule of Distributed Generation in a Grid-Tied Micro-grid via Minimum Incremental Cost Approach.....244
Wei-Tzer Huang, Kai-Chao Yao, and Chun-Ching Wu

Logic Design of Elementary Functional Operators in Quaternary Algebra.....	250
<i>Asif Faiyaz, Sarah Nahar Chowdhury, and Khandakar Mohammad Ishtiak</i>	
• Social Media and Educational Technology	
Adoption of Opinion Mining in the Faculty Performance Evaluation System by the Students Using Naïve Bayes Algorithm.....	255
<i>Francis F. Balahadia and Benilda Eleonor V. Comendador</i>	
Social Media Promotional Tools in Academic Library.....	260
<i>A'dillah Mustafa, Intan Nurbaizura Zainuddin, Sufy Rabea Adawiya Idris, and Muhamad Faizal Abd Aziz</i>	