

Journal of Automation and Control Engineering

CONTENTS

Volume 1, Number 3, September 2013

Application of Street Tracking Algorithm to Improve Performance of a Low-Cost INS/GPS System	181
<i>Thang Nguyen Van, Trinh Chu Duc, and Tan Tran Duc</i>	
Performance Improvement Technique for Induction Motor Driven by a Matrix Converter under Abnormal Input Conditions	186
<i>Nguyen Khanh Tu Tam, Nguyen Van Nho, Huynh Thai Hoang, and Vu Duy Nhat</i>	
Spatio-Temporal Web Sensors Using Web Queries vs. Documents	192
<i>Shun Hattori</i>	
ATTORNEY 209: A Virtual Assistant Adviser for Family-Based Cases.....	198
<i>Kristine Sarah B. Agreda, Eliz Danielle B. Fabito, Lyzel C. Prado, Ma. Hannah G. Tebelin, and Benilda Eleonor V. Comendador</i>	
Recommendation System Keeping Both Precision and Recall Based on Uninteresting Information.....	202
<i>Tsukasa Kondo, Fumiko Harada, and Hiromitsu Shimakawa</i>	
Extracting Student Motivation Factors in Education with Contextual Inquiry	208
<i>Wataru Takahashi, Fumiko Harada, Hiromitsu Shimakawa, and Takahiro Koyama</i>	
Face Clustering Experiments on News Video Images	213
<i>Subhradeep Kayal</i>	
Two-Level Cooperation in Autonomic Cloud Resource Management	217
<i>Giang Son Tran, Laurent Broto, Daniel Hagimont, and Alain Tchan</i>	
Speech Recognition in Human-Computer Interactive Control.....	222
<i>Vu Duc Lung, Phan Dinh Duy, Nguyen Vo An Phu, Nguyen Hoang Long, and Truong Nguyen Vu</i>	
Study on Mechanical Adaptive Design, Construction and Control of Knee Continuous Passive Motion Machine	227
<i>Ngoc-Bich Le, Huu-Nghia Nguyen, Duy-Anh Nguyen, and Hoang-Duy Vo</i>	
A Multisensor Approach for Error Compensation in CNC Machine Tools	232
<i>Abderrazak El Ouafi and Noureddine Barka</i>	
Design for the Predictor of the Emergency Braking System Based on Fuzzy Algorithm.....	240
<i>J. H. Li and H. M. Kim</i>	
Hardware Design and Simulation of Reduced-Order Extended Kalman Filter Estimator and Speed Fuzzy Controller for Sensorless PMSM Drives	245
<i>Nguyen Vu Quynh, Ying-Shieh Kung, Chung-Chun Huang, and Liang-Chiao Huang</i>	
High Throughput– Resource Saving Hardware Implementation of AES-CCM for Robust Security Network .	250
<i>Dang Khoa Nguyen, Leonardo Lanante, and Hiroshi Ochi</i>	

On the Development of a Specialized Flexible Gripper for Garment Handling.....	255
<i>Thuy-Hong-Loan Le, Michal Jilich, Alberto Landini, Matteo Zoppi, Dimiter Zlatanov, and Rezia Molfino</i>	
Comparative Study of Forces Involved in Different Styles of Handwriting	260
<i>Gnanasambandam Kulothungan, Meyyappan Nachiappan, Mukund Suresh Kumar, and Sharmilaa Rajasekaran</i>	
Robustness of Adaptive Fuzzy for PMSM Sensorless Speed Controller	265
<i>Nguyen Vu Quynh, Ying-Shieh Kung, and Lam Thanh Hien</i>	
Discovery of Memorized Features from Web Browsing History for Re-finding Vaguely-Memorized Pages ..	270
<i>Shinichi Ikura, Tsukasa Kondo, Fumiko Harada, and Hiromitsu Shimakawa</i>	
Speech Recognition on Robot Controller Implemented on FPGA.....	274
<i>Phan Dinh Duy, Vu Duc Lung, Nguyen Quang Duy Trang, and Nguyen Cong Toan</i>	