

CONTENTS

Papers

New Methods for Image De-noising and Edge Enhancement in Cervical Smear Images Segmentation.....	1
.....Chuin-Mu Wang, Huang-Tsun Chen, Shys-Fan Yang-Mao, Yung-Kuan Chan and Sheng-Fuu Lin	
Affordable Innovation on Collaborative Programming and Configuration in Programmable Logic Controller(PLC)..	10
.....Albert Yin Tung Sun and Steven Gutierrez	
Feature Extraction-Enhanced Wavelet Transform Computation for High-Impedance Fault Detection.....	18
.....Shyh-Jier Huang and Hsing-Ho Wan	
Vehicle Anti-Skid Control by Means of Extended State Observer and Active Disturbance Rejection Controller.....	26
.....Paul P. Lin, Masheng Ye and Kuo-Ming Lee	
Modelling of Neuromuscular Interactions with Electromyographic Biofeedback.....	35
.....Ching-Hua Ting and Szu-Hua Yang	
Realization of Multiple Region-of-Interests in the CCSDS Recommendation for Image Data Compression.....	46
.....Shen-Chuan Tai, Tse-Ming Kuo and Sai Lwin Min Tun	
A Division Algorithm Using Bisection Method in Residue Number System.....	59
.....Chin-Chen Chang and Jen-Ho Yang	
3D Human Face Reconstruction Using a Hybrid of Photometric Stereo and Independent Component Analysis.....	67
.....Cheng-Jian Lin, Shyi-Shiun Kuo, Hsueh-Yi Lin, Shye-Chorng Kuo and Cheng-Yi Yu	
Manuscript Submission Instructions for Authors (IJ3C).....	76