



CONTENTS

Monitoring non-ambulatory posture and activity using moment statistics and Bayesian classifier <i>Yu-Wei Hung, Yu-Hsien Chiu, Wei-Hao Chen and Kuo-Sheng Cheng</i>	699
Difficult intubation assessment using statistical factor analysis decision tree <i>Hsien-Chang Wang, Wei-Hao Chen, Chia-Chi Tseng and Yu-Hsien Chiu</i>	710
Performance assessment of stochastic node-failure computer networks according to routing scheme under packet reliability <i>Yi-Kuei Lin and Cheng-Fu Huang</i>	722
Layered P2P video streaming using asymmetric P2P topology and membership management <i>Chung-Ming Huang, Chia-Ching Yang and Chung-Heng Cheng</i>	731
A grid-tied flyback-based PV inverter with BCM variable frequency voltage mode control <i>S.J. Chiang, Chao-Tsung Ma, W.M. Xiao and Kai-Cheung Juang</i>	741
Small-signal modeling of peak current mode controlled forward converter with a magnetizing inductor <i>Kunsong Huang and Shen-Yaur Chen</i>	752
Active radio frequency identification asset tags for positioning: an application of clustering and correlation technologies <i>Bing-Yuh Lu, Meng-Lun Hsueh, Jer-Junn Luh, Fok-Ching Chong, Guan-Chyun Hsieh and Te-Son Kuo</i>	763
Adaptive steering control of an electric unicycle <i>Yi-Yu Li, Ching-Chih Tsai and Feng-Chun Tai</i>	771
Advanced treatment of wastewater generated by traditional Chinese medicine by coagulating sedimentation after oxidation with potassium ferrate <i>Guomin Tang, Pei Liu, Xiaoqing Yang and Yun Chen</i>	784
Preparation of dye-doped polymer-dispersed liquid crystals using acrylic monomers, and enhancement of contrast by using THF solvent as a cleaning agent <i>Ming-Yu Chen and Jiunn-Yih Lee</i>	793
Epoch-by-epoch GPS ambiguity processing for local network-based positioning <i>Joz Wu, Yang-Zen Chen and Ming Yang</i>	799
Suitable effective strip width of continuous bridge deck slabs system over flexible steel I-girders <i>Sudathip Tangwongchai, Chartree Lertsima and Somchai Chucheepsakul</i>	807
Numerical analysis of the step jump structure of a scramjet flow by the DSMC method <i>Zuu-Chang Hong, Juan-Chen Huang, Shi-Min Lee and Hon-Wei Lin</i>	815
A study of chip-last embedded flip-chip package <i>Shin-Hua Chao, Ho-Ming Tong, Chih-Pin Hung, Yishao Lai, Colin Liu, Emma Hsieh and Ding-Bang Luh</i>	827