Table of Contents

An Improved SIFT Algorithm based on Multi-scale Homomorphic Filtering 1

Xiaoqing Dong and Gengzhong Zheng

Melanoma Detection in Dermoscopic Images using Global and Local Feature Extraction19

JC Kavitha, Suruliandi A, and Nagarajan D

Predicting Bursty Network Traffic with Self-similarity Characteristic over Echo State Covariation Orthogonality Network 29

Xiaochuan Sun, Yingqi Li and Minghui Zhang

Decision-making Study on Multi-objective Business Process Improvement of the Service-oriented Manufacturing System 43

Qi Tang, Guozhi Lin and Guoqiu Wu

Research on Anti-counterfeiting Technology Based on QR Code image Watermarking Algorithm 57

De Li, XueLi Gao, YuChao Sun and LiHua Cui

Research on the Influences of Credit Evaluation System on Network Consumption Decisions: Based on Large-scale Data of TMALL 67

Bin Chen, Lirong Wang and Mengmin Ye

A New Type-2 Fuzzy Algorithm for Unmanned Aerial Vehicle Image Segmentation 75

Tingyu Zhong, Wenping Liu, Youqing Luo and Chih-Cheng Hung

Heterogeneous Cloud Storage Based Platform of Chinese Traditional Folk Art Resources

Xiaobo Li, Zhongjuan Tian, Ye Wang, Guowen Ye and Zhen Ye