JOURNAL OF COMPUTERS

ISSN: 1991-1599 Volume 35 Number 2 April 2024

CONTENTS

Application of Bayesian Networks and Reinforcement Learning in Intelligent Control Systems in Uncertain Environments.....1

Liefeng Zhu, Yongbiao Luo

Malicious Code Propagation Model Based on Sleep Monitoring Mechanism in Wireless Sensor Networks.....17

Si-Yu Hou, Jian-Guo Ren, Yong-Hong Xu

Robust Energy Efficiency Optimization Strategy for Emergency Communication Based on Fixed-Wing UAV 37

Jia-Rong Cao, Wei Wang, Na Xu, Wen-Ting Su, Long-Xing Xing, Jia-Tao Su

LDBM-PFR: Local Directional Binary Pattern Mixed Filtering for 2D and 3D Palmprint Fusion Recognition.....59

Sen Lin, Man Li, Meng-Zhao Liu, Xiang-Ji Fan, Peng Shang

S-MBR: An Efficient Scaling Scheme for PM-MBR-Coded Distributed Storage System 75

Cong Li, Hong-Liang Cai, Wen-Jie Deng, Dan Tang, Yuan-Ping Xu, Tie-Yuan Hong

Dual Frequency Energy Harvesting System Based on Planar Inverted F-shaped Antenna.....91

Jia Liu, Baofeng Zhao

Dynamic Control Method of Improving Extreme Learning Machine Algorithm in Wood Spinning Process.....105

Wei-Min Liu, Jian-Fang Xue, Qing-Chuan Liu, Xiao-Yang Zhang, Rui Fan

Design of Automotive Active Suspension System and Simulation for Intelligent Control Strategy.....121

Hai-Feng Yan, Yong-Lei Zhao

Application of Improved Convolutional Neural Network in Defect Identification of Exhaust Pipe Welds.....135

Qingfang Liu, Xiaoning Bo, Jinrong Xu, Jin Wang, Honglan Li

Research on Computer Aided Deformation Control Strategy for Welding of Large Long Straight Beams 151
Jian-Wei Qi, Dan-Dan Cui
Research on Online Measurement Method for Small Workpiece Circular Holes Based on Machine Vision 167
Yan-Chao Sun, Liang-Gui Zhang, Wen-Tao Li
The Application Strategy of Intelligent Computer Multimedia Technology in Film and Television Post Production 183
Jiang-Wei Wan
The Application Strategy of Oral Digital Technology in Clinical and Teaching of Oral Restoration..... 199
Zhong-Hua Zhao, Yuan-Jie Wang, Zhi-Hua Zhao, Li-Bo Ku
A Travel Salesman Problem Solving Algorithm Based on Feature Enhanced Attention Model 215
Xiaoxuan Ma, Chao Liu
Highlight Model of Underwater Target Acoustic Scattering in the Bistatic System 231
Zhao-Ran Meng, Yang Song, Fu-Xiang Yu, Chun-Lei Zhang, Yu-Qiang Zhang
Identification Method of High Incidence Areas of Bad Driving Behaviors Based on DBSCAN-Graham Combination..... 251
Luo-Chen Liu, Ying-Ji Liu, Wei Zhou, Hai-Ying Xia, Wen-Jie Cai
Research on the Application of AGV Scheduling Strategy in Improving the Efficiency of Intelligent Manufacturing of Vehicle Parts 269
Xiao-Bo Dong, Xiang-Yun Yi, Zhi Zhang
Rapid Production Method of Massive Thematic Maps Based on Geospatial Knowledge Extraction 285
Chuan Yin, Yanhui Wang, Duoduo Yin, Wanzeng Liu, Hao Wu, Kexin Liu