

Table of Contents

Research on Emergency Resource Scheduling in Smart City based on HPSO Algorithm **1**

Hong Ye

Development of Primitive Motion Library for Kinetic Typography Rendering Engine **13**

YoonAh Cho, JooHyun Park and Soon-Bum Lim

Effect Research of Aspects Extraction for Chinese Hotel Reviews Based on Machine Learning Method **23**

Yan Zhao, Suyu Dong and Jing Yang

Alone in the game: Dynamic Spread of Churn Behavior in a Large Social Network a Longitudinal Study in MMORPG **35**

Jun Ding, Daqi Gao and Xiaohong Chen

A Study on Low-Power Sensor Node based on Event-based Sampling Using Renewable Energy in Greenhouse **45**

Hong-geun Kim, Chulyoung Park, Myeongbae Lee, Yongyun Cho, Changsun Shin, Dongguk Park and Jangwoo Park

A Study on Group Buying of O2O Mode using Generalized Stochastic Petri Nets **55**

Fangfang Hou, Shuyun Zhang and Yue Wang

The Analysis of the Comical Factors of 'Olaf' the Snowman in Frozen - Based on the Laughter Theory of Henri Bergson **71**

Eunkoung Lee, Myoungsik Choi and Kim Cheeyong

Research on Building Customized Furniture Product Model and Assembly Sequence **83**

Qi Yue and Yang Sun

The Design of System about Cow Activity Based on SVM **91**

*Weizheng Shen, Congcong Chen, Shuang Zheng,
Shanjun He and Mingda Li*

An Effective Self-test Scheduling for Realtime Processor based System **101**

*J. V. N. Ramesh, B. Naresh Kumar Reddy, V. V. Murali Krishna,
B. M. Kumar Gandhi, V. Shiva and M. Dronika Devi*

Research on Several Multicast Routing Algorithms **113**

Dai Yin-fei^a and Liu Ming-hui

Development of Emulator for CSS3 Extension to Represent Web Contents on Stereo Device **123**

Hee-Jin Lee, Hyun-Jeong Yim and Soon-Bum Lim

The Role of Switching Costs in O2O Platforms: Antecedents and Consequences **135**

Minghui Kang, Yiwen Gao, Tao Wang and Meng Wang

The Construction of the Animal Husbandry Information System Based on the Technology of Map Conflation **151**

*Yue Guo, Zhongbin Su, Weizheng Shen,
Zhipeng Guo and Qingming Kong*

IoT-based Intelligent for Fire Emergency Response Systems **161**

Chang-Su Ryu

Forest Fire Monitoring Based on Mixed Wireless Sensor Networks 169

Teng Ma, Yun Liu, Junsong Fu and Ya Jing

A Common Data Storage Solution for SE-based Membership Card Applications 185

Jianchao Luo and Zhijie Qiu

Remotely Controlled Management on a Small Firewall Server Using a Virtual Server 195

NamHo Kim

Research on Improved Firefly Optimization Algorithm Based on Cooperative for Clustering 205

Zhao Hongwei, Tian Liwei and Wang Dongzheng

Developing and Evaluating Mobile Sensing for Smart Home Control 215

*Rischan Mafrur, Priagung Khusumanegara, Gi Hyun Bang, Do Kyeong Lee,
I Gde Dharma Nugraha and Deokjai Choi*

Research on the Construction of the High-efficiency Modern Agricultural Demonstration Park 231

Lilei Zhang, Shaowei Zhang and Lifang Qiao

Life Cycle Cost Prediction for Rolling Stocks in Maintenance Phase Based on VBA Language Program 239

Jiamin Fang and Lin Ji

An Intelligent Analysis and Mining System for Urban Lighting Information 253

Guanlin Chen, Erpeng Wang, Xinxin Sun and Yanqiang Tang

Online Leakage Detection Test of High-pressure Heater at the Power Plant **263**

Wang Xin-hua, Jiao Yu-lin, Niu Yong-chao and Yang Jie