# Table of Contents

Research on the Strategy of Deepening the Innovation and Entrepreneurship of College Students by Network New Media  1  
*Deying Liu and Ping Gao*

Practical Exploration of Cultivating College Student's Innovation Ability: A Case study of School of Economics and Management of Jilin Institute of Chemical Technology  6  
*Bing Song and Lishu Han*

Face Recognition Technology based on Kalman Filter  11  
*Lili Wang*

Design and Research of Integrated Warehousing System Based on Cortex Processor  19  
*Xiaohui Wang, Kewei Lei and Xiaoning Dou*

Design and Implementation of a Computer-based Interactive Teaching Equipment  23  
*Yonghui Ma, Zhi Kanmai and Ma Wenning*

Industrial Design in the Era of Information Technology  30  
*Yang Liu and Xufeng Cheng*

A Survey of College English Teachers’ Ability to Manage English Teaching with Information Tools  36  
*Guorong Shen*

Research on Personalized Hybrid Recommendation Algorithm Based on Deep Learning  43  
*Weiwei Guo and Feng Liu*

The Impact of Artificial Intelligence in the Big Data Era on the Development of Commercial Banks  49  
*Liduo Zhang and Lina Zhang*

The Application of Internet Thinking in Vocal Music Teaching in Normal Colleges  55  
*Yu Xiang*

The Thought of Teaching Reform on Statistics Curriculum in Management Specialty  60  
*Bin Cui, Yi Tian and Jun Ke*
The Impact and Countermeasures of Internet Finance on the Traditional Business of Commercial Banks in China

Zhenxing Ge and Ying Hu

Research on Quality Evaluation Model of Green Marketing Management of Grid Corporations Facing "Internet +"

Qian Wang, Jia Li, Xiaolong Yang, Jingdong Wang

A Feature Extraction and Description Method of Fruit Image Based on Computer Vision

Chunhua Qian, Hequn Qiang and Yi Ren

Design of Computer Bar Code Detector Based on Single Chip Microcomputer

Rui Liang

Anti Falling System for Elderly People Based on Single Chip Microcomputer

Yifan Xiao, Hongtao Yu, Yue Liang, Yan Zhang and Yan Bao

The Research and Implementation of Integrated Application for Excel 2010 If Function

Shaoyun Song

Research on Innovation of Classroom Teaching of Insurance under the Background of Internet Finance

Xinzhu Zhou

Comprehensive Management Promotes the Quality Improvement of Graduation Design for Computer Majors

Jingfeng He

Research on Oilfield Network Information Security Protection System

Jingshu Wang, Xin Wang and Xiaolong Wang

Research on Implementing the System of Budget Performance Management

Huijie Zhu, Chunbo Wei and Guotao Xu

Study on B2B Cross-border E-commerce Website Design based on User Experience Element

Ping Song and Xiaozhu Wang

Exploring the Optimization of Logistics Distribution Mode of Supply Chain Management under the Background of New Retail

Li Liu and Shu Cai
The Constructing of Supervision System on Korean Autonomous Learning under the Internet Environment  
Zhenhua He  

Decomposing Complete 3-uniform Hypergraph $K_{38}^{(3)}$ into 7-cycles with Computer Aid  
Narisu, Meiling Guan and Jirimutu  

Research on Cooperative Innovative Talents Training Mechanism of Economic and Management Specialty in Private Colleges from the Perspective of Symbiosis Theory  
Lijuan Zhang and Zhenjie Liao  

Research on the Applications of Big Data in Modern Football  
Zhehan Yang  

Research on the Teaching Mode of Tennis Course in Colleges and Universities Based on "Internet +"  
Jiajia Li  

Research on the Construction of Higher Vocational Smart Campus under the Background of Big Data  
Guo Hao  

Design of Employment Tracking System for Public Administration Graduates  
Xiaohui Wang, Geng Li and Xiaolong Sun  

Research on the Smart Tips of Ultrasound Range Touching Based on Single Chip Microcontroller  
Wenling Liu, Wenqian Qiang, Ruoxi Ma and Xiangcai Zhu  

Test Process Model and Management in Software Engineering  
Hongyu Li, Jinsheng Zhang and Donghu Gu  

Research on Algorithm of Personalized Recommendation System Based on Deep Learning  
Feng Liu and Weiwei Guo  

Model Analysis of Risk Supervision and Coordination Development of Internet Finance  
Wuchao Zhao and Qing Tan  

Design and Implementation of Python Learning Platform  
Sixia Lian, Shangyu Sun, Zerui He, Jiali Xu and Qian Yin
The Application of Random Forest in Individual Credit Risk Management 179

Yuqing Gu

Research on Three-type Talents Training Model of Internet of Things Specialty under the Background of New Engineering 184

Zhenduo Wang, Qian Bian and Xiaofan Chen

Research on the Influence of Government Accounting System Reform on University Financial Management 188

Guotao Xu, Chunbo Wei and Huijie Zhu

Study on the New Teaching Mode of Physical Dance in Colleges and Universities Based on "Internet Plus" 193

Wei Yang

Intrusion Detection Method Based on Deep Learning 197

Mingyuan Xin, Yong Wang and lin Fan

Researches on the Teaching of Office Software Based on "Internet+" 201

Chunyan Zhang

Research on Supply Chain Optimization of Cross-border E-commerce 205

Ting Lu

Problems and Countermeasures in the Construction of Scientific Research Management Information in Universities 209

Wei Wei

Teaching Reform of Management Accounting Course of ACCA Experimental Class 214

Yuming Li and Shuixia Tao

Research and Discussions on the Method of Video Tracking on In-depth Learning 218

Xiaomin Gao

Research on the Application of Management Accounting in University Financial Management 223

Chunbo Wei, Guotao Xu and Huijie Zhu

Analysis on the Application of Computer Virtual Reality Technology Environment Design 228

Lixia Hou
Protection Device of Control Switch Sensor Base on Intelligent MCU  
Zhiguo Meng and Lingxin Shi  
233

Research on the Training System of Software Technology Professionals Based on Computational Thinking  
Feng Liu, Weiwei Guo, Yu Sun and Lanbo Liu  
237

Summary of Research on Face Detection and Tracking Technology  
Xiaodan Lu  
242

Research on Problem-driven Hybrid Learning Model Based on Computational Thinking  
Weiwei Guo, Feng Liu and Xiaomin Zhao  
247

Overview of Distributed Computing Technology  
Haikui Wang  
252

Monocular Image Depth Calculation Based on Convolution Neural Network  
Shi Zhibo  
256