2nd International Academic Conference on Blockchain, Information Technology and Smart Finance (ICBIS 2023)

Held Online

Atlantis Highlights in Computer Sciences Volume 14

Hangzhou, China
17-19 February 2023

Part 1 of 2

ISBN: 978-1-7138-8272-5

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571

Some format issues inherent in the e-media version may also appear in this print version.

Print copyright© (2023) by Atlantis Press (part of Springer Nature)
All rights reserved.
Copyright for individual electronic papers remains with the authors.

For permission requests, please contact the publisher:

Atlantis Press
Van Godewijckstraat 30
3311GX Dordrecht
The Netherlands

contact@atlantis-press.com

Printed with permission by Curran Associates, Inc. (2024)

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

PART 1

Investment Portfolio Establishment 4
Han Yang, Jiachen Li, Rong Shi, Mancang Gu

Design of Demand Response Pricing Mechanism Under the Trend of Sustainable Development: The Case of Gansu 23
Jie Xu, Fengyu Su, Jingde Yan, Junpeng Gao, Yang Liu, Xiaoqing Wang

Female Executives, Corporate Performance and Social Responsibility in Big Data 30
Yimin Ding

Rice Price Volatility of Expors Leaders in World Markets Using TGARCH Model 40
Kewalin Somboon, Chonrada Nunti, Varattaya Jangkrajarng

Study on the Relationship Between Corporate Financial Leverage and Financial Performance Based on Linear Multiple Regression Model via Stata System 49
Haomin Wu, Zezhou Zhao, Weicheng Zhai

Comparison Analysis of Stock Price Prediction Based on Different Machine Learning Methods 59
Zhiyuan Jiang, Jiachen Liu, Lixuan Yang

The Impact of Emerging Service Industry on the Economy of Henan Province from the Perspective of the Modern Logistics Development: Based on Multiple Regression Analysis 68
Yongzhe Li, Zhengmao Zhu

Happiness Index Prediction Using Hybrid Regression Model 76
Yuning Han, Yichen Shao, Yazhuo Zhang

Storage and Modeling Research of Yoga Injury Cases by Using Computer Information Technology 88
Hong Zhang, Yanling Sun

Cooperative Game Analysis of Asian Handicap Big Data Based on Quantitative Difference Model 96
Lu Tang, Haiqi Lin

The Effects of Investor Attention on Cornstarch Futures Markets 103
Lu Zhang, Li Sun, Peng Liu, Shiyang Sun

Use of NLP-Powered Sentiment Analysis in Trading Strategy 109
Zanyang (Neil) Chen

Analysis of Environmental and Human Habit Factors on Where People Drink the Most Beer, Wine and Spirits 116
Houxu Wang

Stock Price Forecast: Comparison of LSTM, HMM, and Transformer 126
Qianzhun Wang, Yingqing Yuan

Personalized News Recommendations Based on NRMS 137
Xiao Li, Zhong Xu, Heping Peng, Hongbin Wang, Qingdan Huang

Research on the Design of Community Creation Based on Analytic Hierarchy Process Under Social Innovation 149
Lei Zhang

Stock Trading Strategy Developing Based on Reinforcement Learning 156
Zeyu Xia, Mingde Shi, Changle Lin

Research on New Investment Demand Forecast of Power Grid Company After Investment Interface Extension 165
Keyao Lin, Juhua Hong, Linyao Zhang, Zhenda Hu, Lin Liu, Xiaofeng Li, Yangzi Chen

The Spread of TikTok's Influence Worldwide from the View of the SIRO Model 175
Yijia Wang

Research on E-Sports User Preferences and User Characteristics of Student Groups in Anhui Province 184
Ling Yuan, Shanhui Sun

Study on the Development Status and Influencing Factors of Traditional Chinese Medicine Service Ability in Jilin Province Based on Logistic Regression Algorithm 191
Yanyin Cui, Fang Xia, Shuqing Xing, Jingshuo Liu

H&M Personalized Fashion Product Recommendation Using LightgbmRanker 201
Dan Xian, Shaozan Cui, Bo Wang, Lishuai Cui

Application Research of Online Transaction History Extraction System Based on Lucene 209
Hui Zhang

The Factor Drive People Buy Travel Insurance 217
Yuqing Dai

A Bibliometric Analysis of Conceptual Metaphor Translation Research in China Based on CiteSpace 228
Qunfang Zhang, Jiabao Wang

Research on the Investment Value of Stocks in SSE Star Market Based on Factor Analysis and Cluster Analysis 238
Sini Yang

Data-Driven Environment, Society and Governance: Exploring How Green Finance Sparks Sustainability Based on Scientometric Analysis 249
Wei-Keng Zhou, Yi-Lin Yu, Yu-Mei Peng, Meng-Ting Liu, Ning-Chang Guo, Ye-Cheng Xu, Yi-Wen Tang, Lin-Sheng Huang

Innovation and Tax Burden of Manufacturing SMEs 259
Xiaoya Kong, Yan Zhao, Jing Yang

Prediction and Analysis of the Social Network Structure of Financial Institutions Based on the Dissemination of Public Opinion 270
Lingyi Li, Yuejiang Peng

Research on Price Mechanism of Gas-Fired Power Generation in China 278
Jing Bai, Rui Zhao, Jianjie Xue, Ling Wang, Peiwen Wang

Research on the Transmission Effect of Energy Price Fluctuations in High Energy-Consuming Industries 289
Weiwei Zhang, Kan Yang, Qiujie Sun, Junjie Li

Using Machine Learning Models to Assess Users' Credit Default Risk 297
Yuxi Huang

Research on Distribution Network Capital Investment Allocation Optimization Technology Considering Enterprise Development and Policy Constraints 324
Ying Zhou, Jiyuan Zhang, Qian Wang, Qian Li, Zhuhan Long

Research on the Impact of Digital Transformation on Manufacturing Enterprise Performance 333
Jinchao Guo, Huimin Tan, Gelegjamts Adilbish, Fengjie Wang

Research on the Four-Chain Synergy Degree of Venous Industry in China 344
Guofu Zhao

Trend Prediction and Analysis of Total Health Expenditure in Jiangsu Province Based on Grey GM (1,1) 364
Jiawei Xu

A Study on the Livelihood Model of Immigrants in the Construction of Hydropower Projects in Zuojiang and Youjiang Revolutionary Old Areas Based on AMOS Software Analysis 371
Guangbo Lin, Shanyu Chen, Wengui Yang, Min Tu

Analysis of the Dynamic Relationship Between Foreign Trade and Technological Innovation Based on VAR Model 380
Xianke Li, Chongyan Li

Application of Machine Learning in Financial Asset Price 389
Zixuan Pan, Zhiqiu Wang, Junming Chu

New Low Carbon Power Marketing Scheme for Island Based on User Ranking 395
Hezhong Xu, Mingfeng Xu, Chengxuan Hui, Zeming Lv, Yong Li, Hefei Wang, Xing Sun, Yin Yuan

Valuing Electricity Customers of Electricity Retailers Based on Bayesian BWM-Inverse Entropy-Cloud Model 404
Zhili Liu, Dizhang Xie, Jun Dong, Xihao Dou, Yuzheng Jiang, Shicheng Peng

The Google PageRank Algorithm 417
Jiyu He

Research on the Effect of Green Fiscal and Tax Policies on Carbon Emissions - Evidence from Provincial Panel Data Models of China 423
Xingran Zhao, Xiaowei Deng, Yulong Wang

Stock Price Prediction Based on ARIMA-GARCH and LSTM 438
Xingdan Huang, Panlu You, Xiaolian Gao, Dapeng Cheng

Mechanisms of the Impact of COVID-19 on Financial Risk and Governance Responses in China Based on Big Data 449
Qi Li

Research on Teaching Mode and Evaluation System Design of Tourism Management Specialty in Local Undergraduate Colleges Based on Network Technology 458
Xiaonan Zhang, Lihui Qiu

Study of Business Models and Benefits of Integrated Energy System 466
Xu Qian, Xiaochen Xu, Jingdong Zhu, Pengxu Dong, Yibo Li, Yongli Wang

Research on Improving Logistics Efficiency by Digital Economy from the Perspective of High-Quality Development 476
Chunjuan Wang, Kaige Guo, Xiangyu Yin

Research on Intelligent Service Quality Evaluation of Pharmaceutical Companies Based on Hierarchical Analysis 485
Jing Guan, Nan Han

Research on Risk Measurement of Carbon Markets Between China and EU 493
Zhanglin Li, Nailin Gong, Jing Zhang, Jin Li, Shiru Lan, Jiao Tian

An Analysis on Effects of Negative Population Growth on the Chinese Society 503
Shi Wang

The Enlightenment of US Demand Side Response Participating in PJM Market Trading Mechanism for China 513
Jian Zuo, Bo Bao, Xiangzhen He, Yun Yang, Lian Tu, Shuiping Zhang, Minjing Yang, Yixing Chen, Yulin Dong, Xuanli Lan

Research on Service Quality Evaluation of Networked Collaborative Manufacturing Platform Based on SERVQUAL Model–Take the J Company as an Example 523
Jingyuan Han, Xiaoqian Qi

Evaluation of Cultivated Land Productivity Based on the Perspective of Big Data 533
Mingliang Duan, Min Zhu

The Influence of Real Exchange Rate Changes of Yen on FDI Absorption in Japan 540
Jiatong Ju, Ziyu Zhou, Haiyang Liu, Wenwen Yin, Yiyi Fu, Xiaofan Li

A Study on the Impact of Digital Economy on Agricultural Green Total Factor Productivity—Empirical Analysis Based on Mediating Effect and Threshold Effect 548
Yuhua Ma, Qifang Xiao, Tong Lin

Quantitative Study on Carbon Emission Reduction of UHV AC Engineering Equipment Transportation 564
Shuo Wang, Weiwei Li, Xin Qie, Huijuan Huo, Yijiang Liu, Dan Xu, Litong Dong

Implied Volatility Prediction of Financial Options Products Based on the CL-TCN Model 572
Yuemeng Li, Chenyu Wang, Zhongchen Miao, Jian Gao, Jidong Lu

The Logistics Operation Mode Selection for e-Commerce Enterprises 588
Xinran Zhang, Mengru Shen, Xifu Wang, Jianfeng Chang

Evaluation and Prediction of Urban Shrinkage in Liaoning Province Based on Grey Theory 597
Benzhe Ding, Dongyang Xi, Tingting Yan, Qimeng Zhao, Xiangxin Wu

Investment Decision of Small-Scale Fishing Companies in Scotland Based on Regression Analysis Prediction Method 608
Tingting Yan, Long Ma, Teng Liu

An Empirical Study on Influencing Factors of China's Tax Revenue Based on Principal Component Regression Model 615
Lijuan Zeng, Linxin Liu

Research on the Impact of Fintech on the Performance of Commercial Banks 628
Qiao Jiang, Qianting Ma, Xiaoxing Liu, Jianing Zhang, Renjia Liu

Spatial and Temporal Evolution Characteristics of A-grade Logistics Enterprises in Hubei Province 637
Lingfeng Zhou, Huiyuan Jiang

Early Warning Method of Credit Risk of Agricultural Enterprises in Guizhou Province Based on AHP 645
Manxue Zhang, Ni Li, Chang Zhang

Customer Satisfaction Evaluation Method Based on Fuzzy Hierarchy Analysis 653
Xiangna Li, Fang Xu, Zhaojun Yuan, Zhenxiang Pan, Bin Ma, Feifei Lv, Tao Zhang

Research on Input-Output Efficiency of Listed Companies of Solar-Thermal Power Concept Based on DEA-BCC Model 660
Zhen Xu, Ping Lu

Measurement and Spatio-Temporal Differentiation of Common Prosperity Level in China 669
Qianqian Zhang, Meng Li

Research on the Correlation of China’s Financial Systemic Risk Based on Granger Causality Test 677
Shiru Lan, Jin Li, Yanxin Wang, Jiaotian

Design and Implementation of Precision Marketing System Based on Data Mining Technology 686
Na Yang

Construction and Application of Investment Benefit Evaluation Model for Differential Distribution Network Project 694
Peng An, Caiyang Yue, Lili Zhang, Shibiao Zhang, Guanlei Dong, Kai Huang, Kai Wang

Multivariate Analysis of Employee Emotional Labor on Customer Reuse Intention of Express Delivery Enterprises 702
Wei Li

Market Mechanism Design to Stimulate the Value of Energy Internet 714
Zechen Wu, Menghua Fan, Gao Zhang, Shijun Tian

New Drug Research Hotspots and Frontier Visualization Analysis in China 722
Yufang He, Zhen Gong, Chengye Zhang, Fang Xia

A Measurement and Treatment Method of Bond Default Risk Based on Monte Carlo Simulation Technology 735
Chunyan Xue

Statistical Analysis of Factors Influencing the Per Capita Disposable Income of Urban Residents in Anhui Province 743
Jiangshuang Huang

Quantitative Analysis of China's New Drug Policy Based on Text Mining Perspective 750
Yufang He, Ruoyao Jia, Wenjing Duan, Zhen Gong, Chengye Zhang, Kaiyue Shen, Fang Xia

Analysis on the Spatial-Temporal Evolution of Zhaotong’s Industrial Structures Under the Background of Rural Revitalization 760
Huaying Qu, Rong Xu, Jinxiang Shen, Chuanqing Deng

Research on the Evaluation of Terminal Express Service Quality in the Context of Epidemic 770
Le Zhang, Jiaqi Jiang, Hong Yang, Yuxuan Cen

PART 2

Study on Simulation of Nanjing Housing Sandwich Class Scale Based on System Dynamics 779
Xianghua Wu, Yaosheng Hu

Research on the Influence of R&D Investment on High-Tech Product Trade in China 792
Yi Chen, Long Zhang, Xiaobei Lei, Yanling Chen

Application of Fuzzy C-Means Clustering and Support Vector Machine in Stock Price Analysis 800
Jinliang Wang, Wennan Wang, Tuli Chen, Fu Luo, Shiyang Song

Risk Preference vs. Income + Spending 808
Teng Zeng

Improved Large-Scale Multi-objective Optimization Algorithm for Portfolio Management 827
Shengtao Zhang, Xuyang Li, Jie Zhang, Wanqing Li

Policy Effects of the Establishment of a National-Level Integrated Big Data Pilot Zone on Industrial Structure Upgrading 837
Yaping Wang

LSTM Neural Network in Stock Price Prediction 848
Kejia Zhang

Digital Finance and Total Factor Productivity: Evidence from China 857
Xiaoqing Lian

Digital Technology is Used for the Innovative Inheritance Research of Meishan Nuo Opera 865
Zhi Yang

Research on the Influence of Digital Finance on Operating Efficiency of Chinese Commercial Banks 873
Zizheng Wang, Xinlei Li

Research on Econometric Risk Assessment Method Based on Grey Clustering 881
Haochen Guo

Multiple Association Rule Mining Algorithms for Supply Chain Finance Risk Prediction 888
Yuezheng Yang

Competition Strategy of Crowdsourcing Logistics Service Quality Based on Big Data Technology 894
Haiwei Zuo, Aiqun Zhu, Shiman Li, Yanpin Zhu

Design of LAN Security Defense System Based on Honeypot Technology 904
Zhifang Yao, Hongyan Chen, Kaicheng Wang, Heng Dong, Junwei Wan, Li Zhang

Evaluation of Stock Market Risk Model Based on Random Forest + Two-Way LSTM 912
Yunlan Xue, Jian Yao

The S&P 500 Index Prediction Based on N-BEATS 923
Yichen Liu, Chengcheng Zhong, Qiaoyu Ma, Yanan Jiang, Chunlei Zhang

Research on Risk Assessment Model of Rural Economic Development Based on Artificial Intelligence 930
Qing Luo, Meng Lin, Ying Fang

Research on the Supply and Demand Synergy of Smart Tourism: Theoretical Framework and Evaluation System 937
Lan Xiao

Comic Image Style Transfer Based on De-GAN 949
Zuoyun Yang, Hongqiong Huang

Application of Machine Learning in Financial Fraud of Listed Companies: An Innovative Prediction Model 957
Zehao Wang, Moqin Yang, Yizhan Du, Hanqing Hu

Research Context and Trend Analysis of China on Green Finance Using CiteSpace 966
Haiwen Long

Economic Analysis and Simulation of Carbon Capture Projects in the Power Industry 976
Fei He, Ye Liu, Pengyang Zhou, Shengchang Lu, Jieyun Cai, Yundong Zhao

A Study on the Network Effects of Risk Contagion Among Global Stock Markets Under the Impact of COVID-19 990
Xiu Zhang, Jiaman Song, Shan Lu, Qian Wang

Research on the Impact of Digital Inclusive Finance Development on Urban Economic Resilience 1001
Jiaqi Liang

Predictive Model for Chinese Excavated Glass Based on Least Squares Method and BP-Neural Network 1018
Junyi Song

Research on the Construction and Analysis Method of Investment Benefit Evaluation Model of Distribution Network Project Adapting to the Reform of Transmission and Distribution Electricity Price 1025
Dan Wang, Juntao Yang, Yan Zeng, Junyang Lu, Xin Hong, Yanbo Li

Research on Power Purchase Optimization Strategy Under Power Carbon Coordinated Transaction Mode 1038
Zhiyi Wang, Yutao Lu, Zhenyu Ma, Bo Zhang, Jun Luo, Xuqian Lu, Kaifeng Lin

Research on Blockchain-Based Distributed Power Trading Technology 1045
Ning Xu, Bo Zhou, Nan Xu, Jing Nie, Yongli Wang, Yanan Wang, Yiran Liu

Controlling Shareholder Pledging and Firm's Default Risk — Evidence from China 1053
Kun Wang, Hailong Chen, Jun Liu

Corporate Transparency and Investors' Perception of Risk with Big Data Mining 1068
Wen Mu, Jing Zhang, Ziyang Li

Insider Share-Pledging, Implicit Guarantees and Financing Constraints: Based on CSMAR Database 1078
Yuxi Liu

Stock Price Prediction Based on Machine Learning and Deep Learning Methods 1087
Hanlin Wang

Research on the Prediction Method for Personal Loan Default Based on Two-Layer Stacking Ensemble Learning Model 1099
Zhirui Ma, Qinglie Wu

A Study of Music Teaching Techniques Based on Deep Learning 1111
Jihong Duan

Performance Evaluation of Digital Village Governance: Case of Nantong 1117
Xiaoyan Zhang, Yang Yang, Chunya Li

Analysis on Economic Benefit of Nanliang-Zifangpan Distributed Wind Power Project 1125
Zhipeng Xie, Jinyi Yang, Xiaoyuan Bai, Jiong Zhao, Rui Zhou

Research on Artificial Intelligence Technology Empowering New Retail: A Case Study of Unmanned Retail 1135
Qin Wang, Ning Zheng

Analysis of the Current Situation of "Specialized and Special" Enterprises Based on GM (1.1) Model 1146
Tong Chen, Lin Feng, Wenxin Fan, Ran Tao, Keying Chen, Kexin Pan, Ciren Basang, Fushun Bai, Xingcheng Wen, Yunqian Lv

Data Visualization Analysis of JD Mobile Phone Based on Python and ECharts and Bootstrap 1153
Luqiao Fan, Banxiang Duan, Jie Gao

Research on Power Data Value Mining Technology in the Energy Internet Era 1162
Kunpeng Liu, Ziqian Li, Yuchen Song

A Review of Task Scheduling Problems 1171
Haibing Cheng, Lin Li, Ling You

Research on the Research Path of Electronic China Yuan(e-CNY) Promotion Under the Background of Digital Economy 1180
Kaishan Yin, Wenjun Yang, Wenxu Qiu, Yufei Huang, Yiwen Wang

Research and Application of Multi-chain Sharing Architecture of Electronic License 1189
Wenhao Xue, Fan Jia, Huanjuan Wang, Jiangtao Li, Guomin Li

Research on the Optimization of Logistics Distribution Path of Fruit and Vegetable Agricultural Products in Guangxi Based on the Internet of Things 1196
Zhu Jinghuan, Liu Yuxue, Wang Shilong

A Study on Influencing Factors of Chinese Special Vehicle Usage Scenario Sales Based on Big Data 1203
Heling Mao

How Does Digital Finance Affect the Development of China's Technology Market? An Empirical Study Based on China's Province-Level Data 1213
Hanchang Liu

The Impact of Digital Economy Development on Carbon Emissions: A Multi-dimensional Study Based on Threshold Effect 1229
Zeyu Li

The Spillovers Between Education and Technology Markets: Evidence from the Time-Frequency Domain 1244
Wang Gao, Qian Cao, Linlin Zhang

Visualization Analysis of Tourism Data in Tai'an City with Python 1252
Xue Tian

Product Comments Affection Evaluation Model in Recommender System 1258
Weiming Wang

Research and Exploration on the Application of Computer-Based Models to Innovative Entrepreneurial Knowledge 1265
Yu Liu, Ailing Zhang

Research on the Stock Price Prediction Model of Banks Based on SVM and BP Neural Network 1273
Junbin Zhang, Peiying Zhang, Jinsui Huang, Wennan Wang, Tiancheng Wang

The Study of Internet-Based Basic Business Model on Enterprise Business Model Innovation 1281
Yu Liu, Ziyun Luo

Design and Construction of Carbon Accounting Techniques in FinTech: A Scientometric Analysis 1289
Chung-Lien Pan, Zhiying Wu, Weiting Lu, Yaqin Yuan, Qianman Lu

Analysis and Forecast of Total Investment in Environmental Pollution Treatment in China Based on ARIMA Model 1296
Yan Zhang, Qian Ma, Lijuan Du

A Study of Applying "Sustainable Impact Index" to the Evaluation of Academic Papers 1308
Xinyu Song, Jinyuan Zhou, Wenqing Zhao, Duxin Shang

Comparative Studies on Modeling Users' Multifaceted Interest Correlation for Social Recommendation 1317
Yuchen Xiong

Review of Face Recognition and Anti-mask Interference Technology 1329
Mingrui Zhou, Xiangyu Chen

Test and Analysis of the Leading Factor of Excess Return of Industry Sector in China Stock Market 1336
Jihui Shi, Yichen Lu, Zeyu Gao, Jun Wang

Blockchain-Based Whole-Chain Green Power Traceability 1344
Xiaopeng Chen, Zhaomin Wang, Jinjing Cao, Hongwei Xing, Jianhui Zhang, Entang Li, Mingliang Mu, Chuankang Miu, Nianming Xue, Chonghao Xu

Research on Visitor Experience of Movie and Television Theme Parks Based on Data Mining—Taking China Tangcheng as an Example 1353
Hang Yu

Can Centralized Intervention Solve Rural Credit Exclusion? Evidence from China 1362
Bingwu Liao, Murong Shen

A Study of the Impact of Covid-19 in Medical-Related Industries Using Fama-French Five-Factor Method 1370
Jinyan Chen

The Impact of Demand Information Transparency on Endogenous Supply Process Reliability in Blockchain Era 1378
Xinqian Huang, Liang Xu, Ying Huang, Mingci Hai

An Event Study of the Impact of Negative ESG News on Stock Returns 1384
Xuanlin Mu, Yanchao Shi

Research on the Application of Data Collaboration Platform for Metrology Instruments Based on the Blockchain 1399
Angang Zheng, Huaiying Shang, Yubo Yang, Qiongqiong Yao, Yang Jin

Brand Community Values—The Moderating Effect of Brand Symbolism 1406
Xiaoyan Yu, Feng Pan

The Influencing Factors and Empirical Analysis of the Development of Cultural Tourism Industry Integration in Guangxi 1422
Feng Pan, Mo Wei, Xiaoyan Yu

Research and Implementation of Blockchain Consensus Mechanism Based on Improved DAG 1442
Yuze Sun, Jian Wang

Research on Matching Mechanism Between CCER and Green Certificate Authentication Based on Blockchain 1449
Zhaomin Wang, Xiaopeng Chen, Entang Li, Jinjing Cao, Hongwei Xing, Jianhui Zhang, Mingliang Mu, Chuankang Miao, Ming Gao, Guandong Di

A Study of Emotional Healing for Hospitalized Children Based on Art Programming Installation 1463
Kejia Duan

A Stock Price Analysis and Prediction Method Based on Machine Learning 1471
Runqi Wang

Research on Personal Information Security Protection of Social Networks in the Era of Big Data 1478
Xuerong Zuo

Analysis and Research on Technical Characteristics of Basketball Players Based on Big Data Mining – Taking CBA League as an Example 1485
Lie Li, Suzi Tu, Weijing Xu

Credit Card Default Prediction with Data Modeling 1494
Zhaohong Wang, Cheng Han Wen, Wenda Zhou, Jun Zhang

Neural Network and Evolutionary Game Theory 1504
Linshu Xu, Shuchen Zhang, Kai Cheng, Hai Ci, Ruotong Shen

How Parental Health Affects Household Financial Risk Assets Selection 1513
Renze Liu, Xiaoli Gan, Shuhan Yang

A Logging Design Based on Embedded Software 1527
Hai Luo, Yikun Wu, Long Ma, Ting Zheng

Design and Application of Web-Based Financing Management Information System for Infrastructure Projects in Higher Vocational Colleges 1535
Xiaoning Chen

Research on Economic Benefit Calculation Method of Typical New Power Grid Project Under New Power System 1540
Zhang Li, Shanzi Li, Liwei He, Dandan Dai, Xiaoqing Wang, Wenran Shi, Yuxin Xie

Research Hotspots and Trend Outlook of Hydraulic and Hydropower Construction Safety—Knowledge Graph Analysis Based on CiteSpace 1547
Fanchen Kong, Jiangbo Geng, Yi Kang, Xinyu Xia, Xiaochao Jin, Shuai Hao

A Research on Valuation Models in Private Equity Investment 1558
Fanshen Xu

Research and Application of Key Technologies for Network Security Situational Awareness Based on Machine Learning..... 1566
Hongbin Gu, Xiaolong Li, Xi Yang, Kongpeng Wei

Author Index