2022 12th International Conference on Information Technology in **Medicine and Education** (ITME 2022)

Xiamen, China 18 – 20 November 2022



IEEE Catalog Number: CFP2253E-POD ISBN:

979-8-3503-1016-0

Copyright © 2022 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

 IEEE Catalog Number:
 CFP2253E-POD

 ISBN (Print-On-Demand):
 979-8-3503-1016-0

 ISBN (Online):
 979-8-3503-1015-3

ISSN: 2474-381X

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

E-mail: curran@proceedings.com Web: www.proceedings.com



2022 12th International Conference on Information Technology in Medicine and Education (ITME) ITME 2022

Table of Contents

essage from the General Chairsxxii
ssage from the Program Chairsxxiv
ganizing Committeexxv
ogram Committeexxv
ering Committee xxvii
viewersxxi
onsors and Supportersxxx
22 12th International Conference on Information Technology in edicine and Education
search on Automatic Text Clustering Method Based on Improved PSO Yuepeng Zhou (Shaoguan University, China), Huiyou Chang (Sun Yat-Sen University, China), Xian Deng (Sun Yat-Sen University, China), and Xili Lu (Shaoguan University, China)
line Teaching Practice of Computer Network Course
restigation and Research Countermeasures of Students' Subjectivity in Mathematics assroom Teaching in Junior Middle School
ploration on Opening and Sharing of Large-Scale Instruments and Equipment in iversities
nstructing Curriculum System of Robot Engineering Major from Perspective of Robot-Making 24 Xinyu Liu (Huanghuai University, China) and Dongyun Wang (Huanghuai University, China)

Research on the Training Mode of Innovative and Entrepreneurial Talents in Higher Vocational Colleges Based on the Integration of Production and Education under the Normal State of Epidemic Prevention and Control
Research on Teaching Service Platform Based on SPOC Teaching Platform 32 Zhengjun Zhou (Hainan Vocational University of Science and Technology), Chunhui Song (Hainan Normal University), Jinmei Shi (Hainan Vocational University of Science and Technology), and Peng Ye (Hainan Vocational University of Science and Technology)
Teaching Practice of "SPOC College" — A Case Study of "Data Visualization Technology" course
Efficacy and Safety of Acupuncture for Cervicogenic Insomnia: A Protocol for a Systematic Review and Meta-Analysis
To Explore the Prevention and Treatment of Diabetic Vascular Diseases Based on "Yingwei Theory"
Design and Construction of the New Web Learning System of Tsinghua University
Function P-Sets and Its Attribute Dependence of Information Law
The Application of GSP in Junior Middle School Mathematics — Take the Suke Version Textbook as an Example
Exploration on the Teaching of Performance Design Studio in Colleges and Universities Based on the Concept of OBE

The Influencing Factors of Learning Satisfaction in Blended Learning during Covid-19 in Chinese Medical Universities
Yinghui You (Weifang Medical University, China), Wenjie Teng (Weifang Medical University, China), and Pengtao Liu (Weifang Medical University, China)
NAGNet: A Convolutional Neural Network for Real-Time Sentiment Analysis of Students
Flower Image Classification Based on Improved Convolutional Neural Network
Comparative Study of Transfer Learning and VGGNet Based Classification of Alzheimer's Disease
Qiming Li (University of Electronic Science and Technology of China, China), Weipeng He (University of Electronic Science and Technology of China, China), Xiaoyuan Zhang (University of Electronic Science and Technology of China, China), Yaqing Yang (University of Electronic Science and Technology of China, China), and Teoh Teik Toe (Nanyang Technological University, Singapore)
Exploration and Research on Ideological and Political Teaching System of Linear Algebra
Knowledge Graph Construction for Computer Networking Course Group in Secondary Vocational School Based on Multi-Source Heterogeneous Data
Metaverse Teaching Overview
The Mental Health Benefits and Feasibility of the Smartphone-Based Interpretation Bias Modification Training in Working Population

A Channel-Level Neural Network Compression Method Based on K-order Statistics	117
Impact Analysis of COVID-19 Pandemic on Students' Online Exams Based on Topic Model	121
A Framework for Simulation Control Systems Based on Software Product Line	126
Design of Wrist Rehabilitation Robot	131
Design of Intelligent Diffraction Light Intensity Measuring Instrument Based on Internet of Things	136
Vehicle Detection in UAV Remote Sensing Image Based on Improved YOLOv5 Lichuan Geng (Henan Collaborative Innovation Center of Geo-Information Technology for Smart Central Plains, China; Key Laboratory of Spatiotemporal Information Perception and Fusion Technology, China; Xuchang University, China), Zhongfeng Wang (92493 Troops, China), Bangjin Wang (Zhejiang Academy of Surveying and Mapping, China), and Yunlong Cui (Zhejiang Academy of Surveying and Mapping, China)	141
Design and Simulation of Intelligent Orchard System Based on Internet of Things	146
Research on Mathematics Test Questions of High School Entrance Examination Based on the SOLO Taxonomy Theory — Take the 2019-2021 Jinan High School Entrance Examination Question as an Example	

Fhe Effect of Time Pressure on Static and Dynamic Visual Search Performance Based on Eye Movement Data
Xinyi Sui (School of Information Science and Engineering, Shandong Normal University, China), Ping Du (School of Information Science and Engineering, Shandong Normal University, China), Jing Zuo (School of Information Science and Engineering, Shandong Normal University, China), and Yan Li (School of Information Science and Engineering, Shandong Normal University, China)
Application Research and Challenges of Artificial Intelligence in Primary and Secondary Education
Application Research of Computer-Assisted Primary School Mathematics Teaching
Research Status, Challenges and Countermeasures of Robot Education Application in Primary and Secondary Schools
Deep Deterministic Policy Gradient (DDPG)-Based Photovoltaic Power Forecasting
Personalized Custom Virtual Fitting Display Method
Research on Blended Teaching Reform Based on Computational Thinking
E-Learning Design for Psychologists to Implement Chatbots for Clients with Borderline Personality Disorder
Comprehensive Evaluation of Air Quality Based on Multiple Statistical Methods

Design of a Distributed Collaborative Chinese Medicine Treatment Platform Xubin Xie (Hunan University of Humanities, Science and Technology, China) and Yun Cheng (Hunan University of Humanities, Science and Technology, China)	. 198
An Intelligent Classroom Management System Based on AI + IOT Technology	202
Design of Intelligent Remote Control Car Based on MCU Pingyuan Liang (Hunan University of Humanities, Science and Technology, China) and Wei Yuan (Hunan University of Humanities, Science and Technology, China)	206
Design of an Intelligent Water Quality Warning System	210
Deblurred Adversarial Defence For Object Tracking	.214
Monte Carlo Simulation of Light Propagation in Breast Tissue	219
Individual Identification Algorithm of Known Emitters Based on Lightweight Binary Channels	222
Neural Network Jingpeng Gao (Harbin Engineering University, China), Xia Song (Harbin Engineering University, China), and Lu Gao (Beijing Institute of Space Long March Vehicle, China)	. 223
A Study on Task-Driven Blending Learning in Secondary Computer Courses Haowei Peng (Shandong Normal University, China), Xiaomei Yu (Shandong Normal University, China), Xiaotong Jiao (Shandong Normal University, China), Lixiang Zhao (Shandong Normal University, China), and Qiang Yin (Shandong Normal University, China)	. 228
A Skip Residual Features Aggregation-Based Methodology for Classification of 3D Lung Nodules Danhua Wu (Guilin University of Technology, China), Danhui Wu (China Jiliang University, China), and Panfeng Zhang (Guilin University of Technology, China)	233

ResGER: Resnet-Based Group Emotion Recognition for Crowd Evacuation	
A Comparative Analysis of Legal Issues in Medical Informatics Abroad and in China	
Unsupervised Time Series Anomaly Detection under Data Contamination	
The TCM Medication Rule Analysis for Emotional Diseases Caused by Panic Disorder Based on Data Mining	
Sequence Generation Model of Traditional Chinese Medicine	
Classification of the Stress Levels Based on Heartbeat Evoked Potentials – a Pilot Study	
Escalator Passenger Posture Anomaly Detection Based on Improved SSD Model	
Insulator Defect Detection Based on YOLOv4-Tiny with Improved Feature Fusion	

Feature Fusion Network Based on Academic Content Detection Shuai Han (Shandong Normal University, China), Zengzhen Shao (Shandong Women's University, China; Shandong Normal University, China), Jianxin Xiao (Shandong Normal University, China), and Xu Zhang (Shandong Normal University, China)	. 278
Exploration on the Construction of the Regional Center of Continuing Medical Education under the Background of Normalization of Epidemic Prevention and Control	283
An End-to-end Foreground Category Attention Boosting Network	. 287
Water Level Prediction Based on Conditional Generation Adversarial Network Xiaochuan Wang (Shandong University of Science and Technology, China), Kailing Zhang (Guangxi University of Science and Technology, China), Weikai Lu (Fujian University of Technology, China), and Qingyuan Lin (Guangxi University of Science and Technology, China)	. 292
Syndrome Classification Based on Multi-Graph Attention Network Jishun Ma (Shandong University of Science and Technology, China), Weikai Lu (Fujian University of Technology, China), Changen Zhou (Fujian University of Traditional Chinese Medicine, China), Shenghua Teng (Shandong University of Science and Technology, China), and Zuoyong Li (Minjiang University, China)	. 297
Multi-Attention Gate Based U-net For Retinal Vessel Segmentation Yu Zhu (Shandong University of Science and Technology, China), Rui Li (Shandong University of Science and Technology, China), Shenghua Teng (Shandong University of Science and Technology, China), and Xinrong Cao (Minjiang University, China)	302
An Infrared Small Target Detection Method Based on Non-Local Similarity Jinfeng Lyu (China Airborne Missile Academy, Henan University of Science and Technology, China), Xiaohong Jia (China Airborne Missile Academy; Aviation Key Laboratory of Science and Technology on Airborne Guided Weapons, China), Jianwei Ma (Henan University of Science and Technology, China), and Yilin You (Yunnan University, China)	.307

Computable-Oriented Characteristics Representation of Online Learners from the Perspective of Heterogeneous Network
Fan (Wenzhou University, China)
Research on Factors Related to Management Effect Based on Chronic Disease Management Platform
Learning Specific Features for KOA Diagnosis: Autoencoder Network vs. Feature Selection
MTBC-BioNER: Multi-Task Learning Using BioBERT and CharCNN for Biomedical Named Entity
Recognition
Retinal Vessel Segmentation Based on UNet and Edge Detection
Research and Practice on Detection of Abnormal Campus Accounts Based on User Sign-in Logs
of Business Systems
A Study on Sentiment Analysis of Online Course Review Information Based on XLNet-BiGRU 343 Jianxin Xiao (Shandong Normal University, China), Zengzhen Shao (Shandong Women's University, China; Shandong Normal University, China), Shuai Han (Shandong Normal University, China), and Zhuangzhuang Li (Shandong Normal University, China)
Smoke Segmentation Based on Weakly Supervised Semantic Segmentation
Feature Generation Model for Imbalanced Classification Problems
Online EEG Classification of Meditative States for Wearable Devices using Machine Learning 358 Shan Lu (Shenzhen Technology University, China) and Tao Wang (Shenzhen Technology University, China)

Global Adaptive Output Regulation for Nonlinear Systems with Unknown Control Directions and Prescribed Performance	362
Jun Guo (Hunan Automotive Engineering Vocational College, China), Yang Liu (Hunan Automotive Engineering Vocational College, China), Hai Huang (Hunan Automotive Engineering Vocational College, China), and Mei Cheng (Hunan Automotive Engineering Vocational College, China)	
Improving Emotion Classification by a Combination of Personal Texts and Social Big Data Based on Naive Bayes	370
A Defense Method against Backdoor Attacks in Neural Networks Using an Image Repair	
Technique Jiangtao Chen (China Jiliang University, China), Huijuan Lu (China Jiliang University, China), Wanli Huo (China Jiliang University, China), Shicong Zhang (National (Hangzhou) Novel Internet Exchange, China), Yuefeng Chen (Alibaba Group, China), and Yudong Yao (Stevens Institute of Technology, USA)	375
Design and Practice of "Internet +" Blended Teaching	381
Test Paper Generation Based on Improved Genetic Simulated Annealing Algorithm	384
Analyzing Memory Access Traces of Deep Learning Workloads for Efficient Memory Management 389	·
Jeongha Lee (Ewha University, Republic of Korea) and Hyokyung Bahn (Ewha University, Republic of Korea)	
A Network Combining CNN and Transformer for Blind Image Super-Resolution	394
Dynamic Adjustment of Packet Based on Fair Bandwidth Allocation in IEEE 802.11 Wireless Networks	399
Xiong Zou (Huanghuai University, China), Jinfeng Gao (Huanghuai University, China), Yu Zhang (Huanghuai University, China), Huyong Li (Huanghuai University, China), Fang Liu (Huanghuai University, China), Haitao Wu (Huanghuai University, China), Shejie Lu (Hubei University of Science and Technology, China), and Siping Hu (Hubei University of Science and Technology, China)	
Computer-Assisted Rigorous Teaching for Undergraduate Students in Light Chemical Engineering Rong Luo (Qilu University of Technology (Shandong Academy of Science),	404
China) and Yafei Sun (Qilu University of Technology (Shandong Academy of Science), China)	

Computer-Based Postgraduate Education and Discipline Construction in Light Chemical Engineering
CMRI Segmentation Domain Generalization by Random Style Transfer
A TCM Disease Retrieval Method Based on Weighted Word Vector
An Enhanced Convolution Neural Network Model Based on Depthwise-Separable Convolutions for Pneumonia Classification
A Modified Artifact Subspace Rejection Algorithm Based on Frequency Properties for Meditation Detection Application
Reducing the Overhead of Virtual Memory Swapping by Considering Application Characteristics and Memory Situations
Research On Renova New Domestic Mechanical Detachable Coil System in Experimental Swine Aneurysm
Application of Tirofiban for Stent-Assisted Coiling in Acutely Ruptured Intracranial Aneurysms

Fast Classification of Alzheimer's Disease Based on Improved Convolutional Neural Network 44 Zhan Qu (University of Electronic Science and Technology of China, China), Tianle Zhang (University of Electronic Science and Technology of China, China), Rui Yin (University of Electronic Science and Technology of China, China), Zhuo Chen (University of Electronic Science and Technology of China, China), and Teik Toe Teoh (Nanyang Technological University, Singapore)
Design of Improved Adaptive Kalman Filter Based on Data Fusion
Mental Health Status of High School Students Impacted by COVID-19: A Latest MSSMHS-60 Investigation to 626 Dongguan High School Students
A Homozygote for Rs12709426 of the ACE Gene in Patients with Essential Hypertension: a Case Report
CMHS:Feature Selection Based on Harmony Search Algorithm with Cosine and Momentum Control Factor
A Study on The Impact of Low-Carbon Dual-Channel Supply Chain Decisions Based on Product Network Externalities
Transfer Extreme Learning Machine with Cross Domain Mean Approximation Projection
Coupled Local and Global Semantic Alignment for Image-Text Matching

Leveraging Autoencoder and Focal Loss for Imbalanced Data Classification Ying Xu (Yanshan University, China), Han Ye (Xiamen University, China), Ning Zhang (Yanshan University, China), and Guodong Du (Yanshan University, China)	502
Implementation Path of Nursing "Empathy" in Virtual Reality Teaching	507
A Novel Iris Segmentation Approach using Spindle Ternary Tree Yuhui Lin (Fuzhou Institute of Technology, China), Baosen Xiao (Xiamen University Tan Kah Kee College, China), and Zubin Ye (Fuzhou Institute of Technology, China)	511
Performance Improvement Strategy for Differentiated Services in Multi-Rate IEEE 802.11	F1 F
Wireless Networks Haihong Xu (Hubei University of Science and Technology, PR China), Shejie Lu (Hubei University of Science and Technology, PR China), Siping Hu (Hubei University of Science and Technology, PR China), Jinfeng Gao (Huanghuai University, PR China), Fang Liu (Huanghuai University, PR China), and Haitao Wu (Huanghuai University, PR China)	515
Multi-View Graph Convolution for Dialogue State Tracking	520
A Binary Hybrid Grey Wolf Optimizer for MEC Offloading	525
Reform of Cultivating Practical Innovation Ability in Computer Science	530
Literature Analysis of the Effect of Huanglian Wendan Decoction on Anxiety and Depression Lijuan Gao (Hospitai of Xingta Medicai College, China) and Xiaoran Gao (Hospital of Xingtai Medical College, China)	.535
Detection of Abnormal Crowd Behavior based on Graph Convolutional Neural Network	538
Analysis of 5G+ Internet of Vehicles Application Based on SPN	543
Dual-Attention Feature Decoupling in Siamese Networks for Object Tracking	550

A Single Photon Counting Ranging System Tolerating 100Klux Background Light	555
Educational Data Mining and Learning Analysis System Based on Python Yiwei Wang (Shandong Normal University, China), Liancheng Xu (Shandong Normal University, China), Qiang Wang (Laiwu Vocational and Technical College, China), Huiwen Lv (Shandong Normal University, China), and Yongsheng Zhang (Shandong Normal University, China)	559
Hierarchical Streaming Feature Selection Based on FDAF-Score	564
Research on SVD SNR Estimation Algorithm	569
Named Entity Recognition of TCM Electronic Medical Records Based on the ALBERT-BiLSTM-CRI Model Pan Xuefeng (Changchun University of Chinese Medicine, China), Cao Yuanyuan (Wuhan University, China), Hou Xiaorui (Changchun University of Chinese Medicine, China), and Su Wei (Changchun University of Chinese Medicine, China)	
Clustering Compression of Object-Induced Three-Way Concept Lattice in Fuzzy Formal Context Yu Kong (Dalian Maritime University, China), Ansheng Deng (Dalian Maritime University, China), and Hui Cui (Dalian Maritime University, China)	583
Analysis Platform of Student Learning Data Combined with Computer Vision Xinghui Ding (Zhengzhou University, China), Zhijun Zhang (Shandong Jianzhu University, China), Zhaohui Yang (Shandong Jianzhu University, China), and Zhiyun Yu (Shandong Jianzhu University, China)	591
Internet Information Service Algorithms Promoting High-Quality Development of Digital Economy and Industry	596
Few-Shot Handwritten Chinese Character Generation Based on Generative Adversarial Network . Xi-Ling Ye (Huaqiao University, China) and Hong-Bo Zhang (Huaqiao University, China)	603
Multi-label Feature Selection Based on Fuzzy Neighborhood Mutual Discrimination Index	608

Hierarchical Online Streaming Feature Selection Based on Adaptive ReliefF	613
Application of Mixed Reality Object Recognition Technology in Aircraft Maintenance Manual Hongchao Wang (Shanghai Jiao Tong University; Shanghai Aircraft Customer Service Corporation, China), Dan Huang (Shanghai Jiao Tong University, China), and Hongli Sun (Shanghai Aircraft Customer Service Corporation, China)	618
Learning Fine-Grained Modality-Invariant Feature Via Wasserstein Distance for Visible-Thermal Person Re-Identification	62 3
Analysis of Electricity Service Evaluation Based on Multi-Mode Heterogeneous Data Fusion	628
Exploration on the Cultivation System of Application-Oriented Innovative Talents under the Internet+ Background Zhijun Zhang (Shandong Jianzhu University, China), Gongwen Xu (Shandong Jianzhu University, China), Zhaohui Yang (Shandong Jianzhu University, China), and Weihua Yuan (Shandong Jianzhu University, China)	634
Hash Learning with Approximate Distance	639
Cross Attention with Transformer for Few-Shot Medical Image Segmentation	644
AENet End-to-End Training of Attention Efficientnet for Stroke Segmentation YiMing Lin (Jimei University, China), Xiangchen Zhang (Jimei University, China), Huan Xu (Jimei University, China), and Guorong Cai (Jimei University, China)	649
Recommendation Algorithm Based on Object Feature Combination Embedded	654

SFR-Net:A Spatial Feature Enhance Method for Road Extraction Changshe Zhang (Jimei University, China), Zhaohong Huang (Jimei University, China), Dupeng Ye (Jimei University, China), Guorong Cai (Jimei University, China), and Fang Xue (Jimei University, China)	662
A GAN Based Heart Sound Denoising Model Mingfeng Liang (Xiamen University of Technology, China), Jianqiang Hu (Xiamen University of Technology, China), Xiaobao Zhou (Xiamen University of Technology, China), and Sikai Xiao (Xiamen University of Technology, China)	. 666
Design and Implementation of a Novel Campus Face Recognition Access Control System Based on Cloud-Edge Collaboration	671
Joint Learning of Similarity Graph and Low-rank Tensor for Multi-view Clustering	676
Review of Flipped Classroom Model Based on Microcourse	. 681
MSI: Strain-Level Pathogen Detection from Nanopore Metagenomic Sequencing Data	. 688
Leveraging Logistic Regression in Development of a Parkinson's Disease (PD) Kinematics-Based Diagnostic Framework	693
Network Configuration Approach Based on the Reliability Service Kuang Fengfei (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, China), Lin Yaojin (Lab of Data Science and Intelligence Application, Minnan Normal University, China), Yu Xiehua (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, China), and Chen Meilong (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, China)	. 699
Visualization Analysis of Comprehensive Evaluation of Academic Papers Based on Knowledge Graph	704

Reversible Data Hiding Using Convolutional Neural Network and Digital Signal Processing Techniques	709
Qingmei Peng (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University Quanzhou, China), Shaozi Li (Xiamen University, China), Yaojin Lin (Lab of Data Science and Intelligence Application Minnan Normal University, China), and Xiehua Yu (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, China)	
Educational Metaverse Dilemmas and Solutions : A Stakeholder-Based Perspective	'14
Global Output Feedback Control for a Class of General Nonlinear Systems with Input Matching Uncertainty	⁷ 19
Teaching Resource Recommendation for OBE Based on Kernel Canonical Correlation Analysis7 Wu Changqian (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, José Rizal University, China), Li Shaozi (Xiamen University, China), Lin Yaojin (Lab of Data Science and Intelligence Application, Minnan Normal University, China), and Yu Xiehua (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, China)	'24
Design of Graphic Interactive Experimental Platform Based on MATLAB	729
Design on Intelligent Smoke Alarm System	'34
A Probe into the Hybrid Teaching Mode of Advanced Mathematics Based on "Adaptive Learning" 7 Haixia Zhao (University of Jinan, China) and Na Zhang (Ocean University of China, China)	'39
An Empirical Analysis on the Changes of Household Consumption Structure in Shandong Province Based on Big Data	'44
Study on the Influence of Second-Order Effect on the Displacement of Steel Frames	'51

Case Design and Analysis of Digital Media Courses Incorporating Aesthetic Education	756
Design of the Smart Bedside Table Based on Single-Chip Microcomputer Shijia Yang (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, China), Weiqiang Yang (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, China), and Xiehua Yu (Key Laboratory of Big Data and Artificial Intelligence in University of Fujian Province, MinNan Science and Technology University, China)	761
Research on Lateral Impact Resistance of Concrete Filled Steel Tubular Columns	766
The Reform of Online and Offline Hybrid Teaching Mode of Higher Mathematics	770
Current Situation and Thinking of the Career Values and Career Planning of Postgraduates in Colleges and Universities	774
Construction and Application of Software Organization Asset Library Based on GJB5000B Huihui Wang (System Engineering Research Institute, China State Shipbuilding Corporation Limited, Beijing) and Chao Liu (System Engineering Research Institute, China State Shipbuilding Corporation Limited, Beijing)	781
A Dynamic Time Slot Algorithm Based on Throughput Optimization in IEEE 802.11 Wireless Networks Guonian Jin (Hubei University of Science and Technology, PR China), Shejie Lu (Hubei University of Science and Technology, PR China), Siping Hu (Hubei University of Science and Technology, PR China), Haihong Xu (Hubei University of Science and Technology, PR China), Jinfeng Gao (Huanghuai University, PR China), Fang Liu (Huanghuai University, PR China), and Haitao Wu (Huanghuai University, PR China)	786
Research On Correlation Between Higher Education Investment, Scientific And Technological Innovation And Economic Growth In Shandong Province Under The Background Of Big Data Haixia Zhao (University of Jinan, China) and Wenxin Yao (Northwest Normal University, China)	792
Author Indox	707