Table of Contents

The Design of the Portable EEG Acquisition Device Based on ZigBee Wireless Protocol	1
Correlation between Broccoli Planting Density and Broccoli Plant Character, Commercial Quality and Yield	9
Mathematical Modeling for the Influence of Nitrogen Fertilization Level on Vegetative Growth and Yield Attributes of Broccoli	17
Survey and Countermeasure on Henan Table Tennis Second Grade Athletes	25
"Spirit-Oriented"—To Improve Job Satisfaction of Teachers in Physical Education Institutes	35
Research of Doping in College Entrance Examination of PE Zhuo Bo, Xiang Jiajun, Zhang Chaolin	41
Research of How to Cultivate Students' Innovative Ability in the Process of College Sports Teaching	45
The Optimization Model Research on the Snowboard Course Zhengchu Shi, Xueduo Meng, Duli Li, Yan Zhou	51
Analysis of the Development Characteristics of Competitive Aerobics under New Rules	57
Study on the Influence of Personality on Compliance of Left-Home Children	63
Role of Media in Mass Communication and Mass Media in China Jingjing Cui	69
A Behavioral Spam Detection System	77

Problems in Setup of Aerobics Curriculum in Universities and Countermeasures	83
Influence of the Informationization on the Laboratory Construction of Local Higher Education	89
Researches on Application of Stem Cell Therapy in Exercise-Induced Spinal Cord Injury Recovery	95
Social Sports Speciality – Major Source of Strength to Promote the Development of National Fitness	103
Retrospection and Consideration of Competitive Taiji Push Hands Wei Chen	111
A Study of Simulated Training Environment from the Perspective of System Theory	119
Exhaustive Exercise in Energy Metabolism and Substrate Consumption Characteristics Research–Experimental Analysis of Male in Quiet Metabolic Rates	12 9
Research of Carbon Nanotubes/Polymer Composites for Sports Equipment	137
Application of Carbon Fiber in Epoxy Resin Reinforcing in Racing Donghui Tan, Qian Zhang	147
The Design of Three-Point Shot Training Software and Navigator Duan Guo, Wenjie Li, Yongna Xin	153
Research of Private Capital's Participation in the Operations of China's Public Sports Venues	163
Value Orientation of Video Games and the Good Edition Remolding Xiao-bo Pan, Qiang Huang	169
Analysis of the Present Situation of the Children's Sporting Market	173

Quantitative Research on the Main Influential Kinematic Parameters of Male Long Jumpers' Achievements – Based on the Comparative Analysis of Chinese and Foreign Elite Athletes	179
Computer Applications in Modern Sports	187
The Harmonious Development of "Tri-Life": A New Train of Thought on School Physical Education	191
Analysis on Listing Prospects of Sports Enterprise	199
An Empirical Study of Constructing "Healthy Chongqing" Yi Chen, Zhijin He, Yi Yang	203
Research on Safety Management of Mountainous Outdoor Sports Tao Yuping	213
The Mechanism and Prevention of the Common Athletic Injuries in Volleyball Teaching and Training	221
On the Principles of the Olympic Intellectual Property's Ruling Jurisdiction	229
Pre-test into Legal Issues on the School Sports Injury Accidents Fengxia Hao, Changju Tang, Dengyan Huang, Bishu Cheng	235
A Study on the Exploration of Sports Tourism Resources in South Sichuan	241
An Analysis on the Cultivation of College Students' Self-monitoring Ability in the Optional Course Teaching of Aerobics Zhou Ailing, Liu Aiying, Bi Xiuying	249
On the Cultivation of College Students' EQ through Combined Technique in Teaching Basketball	255
The Research on the Development Mechanism of Sichuan Leisure Sports under the Influence of Regional Culture	259
Discussion for the Imbalanced Development of People Physical Education	265

Reinterpretation of Sunshine Sports Culture	273
The Study of Female Teacher's Present Sports Expense in University of Henan Province	279
Problems in PE Teachers' In-Service Training and Countermeasures Ma Chunjian, Li Hong	287
Implementation Strategies to Promote Sunshine Sports in Primary and Secondary Schools	293
The Analysis on the Strengthening College Students' Ideological and Political Education of Vulnerable Groups	301
Under the New Situation of the Students' Political Socialization Countermeasures in This Paper	307
Improvement Design on the Data Structure of Business Intelligence Zhang Jing, Tang Xuefei, Liu Fei	313
Multi-faceted Teaching Reform and Practice of High-Frequency Electronic Circuits	323
The Research of Analysis and Classification of Physical Immaterial Cultural Heritage's Basic Characteristics	331
The Enlightenment of German Dual-Sector Occupational Education Model for China's Vocational School	337
On Constructing a Practice-Oriented Teaching Team in Civil Engineering	345
Reform of Experiment Teaching of Communication Principle	351
Research on Teaching Practice of Hidden Curriculum in University Physical Education	357
The Application of Process Assessment in Higher Vocational Education	363

Table of Contents	XIII
The Research of Higher Vocational Education Using Case Teaching Method	369
Review of Research on the Accrual Anomaly in Capital Market Haihong Shao, Xiaofeng Ju, Yukun Li	375
The Credit Risk Evaluation Index System Construction in Commercial Banks Based on BP Neural Network	383
Research on the Chengdu Electronic Supervision System for Food Quality Safety Based on PDA and Mobile GIS Technology	391
Research on Quality Assessment of Network Education Platform	399
The Empirical Research of Travelling E-Commerce Implementation Performance Measurement System in China's Star Hotels	407
The Incentive Effect Analysis of Intellectual Property Strategy to Autonomous Technological Innovation	417
The ANP-Based Site Selection of Regional Emergency Supplies Distribution Centre	427
Research on FMEA in the Special Vehicle Enterprises Design Management	437
E- Business Logistics Development in China: Bottleneck and Countermeasures	449
Study on Organization Culture Dissimilarity and M & A Performances	457
Function Design of Intelligent Generating Papers System Based on J2EE	465
Analysis and Realization of Graduation Design Management Platform Based on J2EE	471

Green Evaluation of the New Energy Enterprise in Hebei Province Based on the Entropy Method and Topsis	477
The Case Studies on the Logistics Support Pattern of a Certain Intellectualization Power Station	485
Research on Opinion Mining in Chinese Based on Semantic Analysis Luo Fang	491
The Continuous Control of Chaotic System with Variable Initial Value Based on Synchronization	499
Study on the Change Trend of Precipitation and Temperature in Kunming City Based on Mann-Kendall Analysis Zhang Yanming, Wen Jun, Wang Xinhua	505
Design of the Wireless Date Acquisition System Based on SCM \dots $Lurong Li$	515
The Lightning Protection Design and Grounding Research of Meteorological Environment Live-Action Monitoring System	525
Machine Processing Design and Maching Simulation for Coupling Cam	533
Gas Concentration Detection System of High Precision Based on CPLD	539
The Noise Reduction Research of Traveling Wave Signal Based on the Wavelet Theory	545
Design of Digital Home Remote Monitoring System Based on Web and GPRS	553
Clustering Based on Rough Set Knowledge Discovery	561
Research of Support Vector Machine in Text Classification	567
A Digital Watermarking Algorithm for Anti-counterfeit in Printed Image Dongsheng Jiang	575

Table of Contents	XV
Superiority of Multimedia Technology in Geography Teaching Zhaohui Li	581
How to Succeed in E-business: A Case Study of Haier $\dots Lu \ Li$	587
Culture Should Be Involved in Foreign Language Teaching Liu Wanyu	597
Discussion of Optimization of Programming Teaching Lilei Lu	601
Software Engineering Management and Its Human Resources Strategy	607
The Study of the Relations between the Replication and Transmission Process: Take an Example of Gene and Meme	615
Study on Creating Method of Complex Coons Surface Based on Different Chaining Modes	623
JAVA Byte Code File Encryption Research	629
The Research of Tradition and Modernity: From Gesar to Gendun Choepbel	635
The Two-Stage Method for Anti-seismic Strengthening of Damaged Reinforced-Concrete Frame Construction after the Earthquake	643
The Seismic Analysis and Design Countermeasures on the Stair Treads of the Folded Plate Staircase in Reinforced Concrete Frame Structure	649
Grid Management and Public Security Crisis Handling on Transport during the Spring Festival of Guangzhou Railway Station in 2008: Case Analysis of the Interaction between Technical System and Management System	657
Jinyu Liu The Real-Time Dynamic Shadow Realization of Shadow Volume Based on the HLSL	665

XVI Table of Contents

Design and Realization of Campus B2C Electronic Commerce System Based on ASP Technology	673
Intelligent Robot Operating in Major Shopping Malls in the Application of Cost Control	683
Image Restoration Theoretical Analysis and Realization Based on Wiener Filtering	689
Characteristics of the Completely α -Absolutely Pure Monoid Jun Xu	697
Designing a New Biological Function in Synthetic Biology	703
Research of Web Service Design	711
Research of Network Life of Middle School Students in Towns of Tangshan	717
Possibility of the Application for the Chinese Surface Quality Inspection Data of a Boiler Steam Drum Shell to That of a Supercharged Boiler Zheng Xinwei, Zhang Dongyang, Han Bing, Cheng Zigang, Li Zheng, Wen Xueyou	723
Effects of Furnace Flue Gas Pressure on the Characteristics Relating to the Heat Transfer of a Oil-Fired Supercharged Boiler	735
Author Index	747