Table of Contents

Preface, Committees and Reviewers

Chapter 1: Materials Engineering and Application

Cemented Filling in a Certain Old Iron Goaf Z.M. Qian, S.F. Ren, G.H. Chen and J.F. Zhang	3
Study of Material Forming Comprehensive Evaluation Method Based on Fuzzy Technology	
L.M. Zhang	7
A New Rust Conversion Coating and its Working Mechanism in Rust Remove and Painting H.Y. Hu, X.Q. Fan and Q.S. Ji	12
Study on Fabric Recreation and Clothing Design Based on Active Materials W.L. Mu	17
Study on Sports Games Based on Smart Materials J. Li	22
Study of Smart Clothing Materials Based on Computer Technology H.L. Luan, X.N. Qian, X. Zhao and W. Ding	26
Study of Green Low-Carbon Ceramics Materials H. Qi and Q.M. Zhang	30
Building Materials in Landscape Design N. Li	34
Study on Physical Training Approach Based on Multimedia and Smart Materials C.J. Tian	39
Study of a New Type of Nanometer Materials in Interior Design C. Chen	43
Study of New Environmentally Friendly Materials in Interior Design C. Chen	47
Study on Official Kiln Ceramic Materials Shape Based on Mechanics Analysis Y.H. Yuan and Y.L. Cao	52
Study of Innovative Military Engineering in Smart Materials System J. Lin and Y.F. Li	56
Microwave Digestion Sample Hydride Generation-Atomic Fluorescence Spectrometry Determines Trace Selenium of Mogroside X.J. Zhang	62
Study on Surface Tension and Displacement Efficiency of Ionic Liquid Surfactants	
Containing Amine Functional Groups X.L. Zhao, C.B. Zhang, C. Chen, G.Q. Li and D. Liu	66
Study on Degumming Technology and Properties of Pineapple Leaf Fiber Y.L. Zhao and Z. Zhang	70
Application of Aspen to Lithium Bromide Refrigerator X.L. Wei and W.R. Mao	75
Analysis of the Movement of Materials L.L. Xu	80
Research of New Materials in Sports Equipment C.X. Yi and T. Yang	84
Experimental Study on Asphalt Composite UV Absorption Anti-Aging Agent W.G. Zhang and F. Wang	89
Study on the Element Composition of Southern Celadon Porcelain and Coloring Mechanism X.W. Gao	96
Research on Polymeric Biomedical Materials	, 0
Y.X. Hao	100

Research of Pipe Made of Cu-Zn-Si Shape Memory Alloy to Internally Sprayed Pipe Connection in Connected Technology	
S.Y. An	105
Research on Shape Memory Alloy to Petroleum Industry S.Y. An	110
Impact of New Composite Material Technology on the Performance of the Tennis Rackets G.Y. Jiang	114
Research on Nano Materials in the Chemical Aspects S.C. Dong	118
Material Research of Stone Sculpture in Installation F. Li	122
Empirical Analysis on the Influence of Different Land Use on Soil Organic Matter H.Z. Kong, J.S. Jiang, Z.B. Peng and Y.J. Zhou	127
Microwave Technology Based Polymer Process S. Hong and Z. Qing	132
Synthesize Phosphomolybdic Acid-Doped Polyaniline Microspheres for Catalytic Applications	
J.Ź. Tao Water-Filter Ratio on Heat Resistance of Condensate Polishing Filter Material in Water	137
Y.C. Yu, B.Q. Zhou and C. Chen Analysis of the Metal Cell Board's Design and Production of the High-Speed Rail Way	141
G.H. Zhao and S.S. Yang	146
Demagnetizing Experiment of Magnetism-Concealed Tank Based on Smart Materials Y. Huang	151
Highly-Efficient Preparation of Key Intermediate of Huperzine A K.M. Xie	157
Analysis of Organic Low-Carbon Solar Material Y.D. Zhou	161
Chapter 2: Manufacturing Technologies and Application	
chapter 20 Manufacturing Technologies and Tipphension	
Study on the Collaboration between Advanced Manufacturing Technology and Production Process	160
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang	169
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao	169 173
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang	
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang Study on Information Retrieval Sorting Algorithm in Network-Based Manufacturing Environment	173 178
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang Study on Information Retrieval Sorting Algorithm in Network-Based Manufacturing Environment J.Y. Yang, B. Zhang and Y. Mao Study on Application Model of Internet of Things for Green Manufacturing	173 178 183
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang Study on Information Retrieval Sorting Algorithm in Network-Based Manufacturing Environment J.Y. Yang, B. Zhang and Y. Mao Study on Application Model of Internet of Things for Green Manufacturing Y.B. Fan and H. Liu Study on ARP Protocol and Network Security in Digital Manufacturing	173 178 183 187
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang Study on Information Retrieval Sorting Algorithm in Network-Based Manufacturing Environment J.Y. Yang, B. Zhang and Y. Mao Study on Application Model of Internet of Things for Green Manufacturing Y.B. Fan and H. Liu Study on ARP Protocol and Network Security in Digital Manufacturing R. Yang Investment Decisions Based on Probability Statistics Mathematical Model in Mordern Manufacturing Engineering	173 178 183 187 191
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang Study on Information Retrieval Sorting Algorithm in Network-Based Manufacturing Environment J.Y. Yang, B. Zhang and Y. Mao Study on Application Model of Internet of Things for Green Manufacturing Y.B. Fan and H. Liu Study on ARP Protocol and Network Security in Digital Manufacturing R. Yang Investment Decisions Based on Probability Statistics Mathematical Model in Mordern Manufacturing Engineering L. Chen and H.X. Wang Study on Innovative Instruction Technology in Manufacturing Engineering	173 178 183 187 191
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang Study on Information Retrieval Sorting Algorithm in Network-Based Manufacturing Environment J.Y. Yang, B. Zhang and Y. Mao Study on Application Model of Internet of Things for Green Manufacturing Y.B. Fan and H. Liu Study on ARP Protocol and Network Security in Digital Manufacturing R. Yang Investment Decisions Based on Probability Statistics Mathematical Model in Mordern Manufacturing Engineering L. Chen and H.X. Wang Study on Innovative Instruction Technology in Manufacturing Engineering X. Zhan, X. Wang and Y. Wu Study of Electronic Information Engineering Development in Network-Based	173 178 183 187 191
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang Study on Information Retrieval Sorting Algorithm in Network-Based Manufacturing Environment J.Y. Yang, B. Zhang and Y. Mao Study on Application Model of Internet of Things for Green Manufacturing Y.B. Fan and H. Liu Study on ARP Protocol and Network Security in Digital Manufacturing R. Yang Investment Decisions Based on Probability Statistics Mathematical Model in Mordern Manufacturing Engineering L. Chen and H.X. Wang Study on Innovative Instruction Technology in Manufacturing Engineering X. Zhan, X. Wang and Y. Wu Study of Electronic Information Engineering Development in Network-Based Manufacturing Environment M.S. Zhang	173 178 183 187 191
Study on the Collaboration between Advanced Manufacturing Technology and Production Process X.M. Huang Machinery Manufacturing Based on Computer Control Y. Tang and Y. Tao Research of Manufacturing Enterprise Informatization Based on SSO Q. Lu, W.S. Zhang, Y.S. Geng and X.G. Wang Study on Information Retrieval Sorting Algorithm in Network-Based Manufacturing Environment J.Y. Yang, B. Zhang and Y. Mao Study on Application Model of Internet of Things for Green Manufacturing Y.B. Fan and H. Liu Study on ARP Protocol and Network Security in Digital Manufacturing R. Yang Investment Decisions Based on Probability Statistics Mathematical Model in Mordern Manufacturing Engineering L. Chen and H.X. Wang Study on Innovative Instruction Technology in Manufacturing Engineering X. Zhan, X. Wang and Y. Wu Study of Electronic Information Engineering Development in Network-Based Manufacturing Environment	173 178 183 187 191 196 202

Research on Cloud Computing and Network Security in Digital Manufacturing Platform Z.Y. Chang, Y.L. Zhao, D.M. Qian and N. Wang	219
Management Information System of Open Laboratory Based on ASP and SQL Server in Manufacturing Engineering A.M. Zhao	223
Study of Cloud Computing and Advanced Manufacturing Technology under Information Technology Development	
G.H. Zhou	227
Study on Integrated Transportation Network for Manufacturing Engineering D.Y. Yang and F.C. Meng	231
Research of Machinery Production Technique Based on Green Manufacturing X.Y. Chen and J.Z. Wei	235
Improving Learning Quality of Advanced Manufacturing Engineering S.L. Wang	239
Chapter 3: Mechanical Engineering and Application	
New Technology of Installing the Attached Self-Climbing Tower Steel Gantry Cranes M. Guang, H.S. Li and H.G. Yang	245
Large Amount of Off-Axis Machining Ellipsoidal Reflector J.F. He and C.C. Huang	254
Gear Vibration Analysis and Gear Fault Diagnosis Based on Mathematical Morphology S.Y. Li	259
Low-Carbon Logistics and Sustained Economic Cycle for Manufacturing Engineering Y. Wang	264
Study on Undergraduate Graduation Design System Reforms in Manufacturing Engineering J.J. Xia and F. Guo	268
Piston Engine Connecting Rod Transient Dynamic Finite Element Analysis and	208
Maintenance Strategy F.J. Ding	272
Research on Aviation Piston Engine Camshaft Repair F.J. Ding	277
Study on Digital Substation in Green Environment Engineering X.Z. Fan	282
Study on Ideological and Political Learning and Employment Ability in Manufacturing Engineering J.J. Xia, F. Guo, X.J. Wang and Y.F. An	286
Application of Medical Robot in the Aspect of Endoscope	280
H. Xu	289
Chapter 4: Control, Monitoring and Information Technologies	
Todaro Migration Model Research under Automation Control D.D. Wang	295
Power Control Based Channel Allocation Method for Ad Hoc Networks Y.S. Yao, K.J. Zhou, X.C. Lai, K.J. Wang, Y. Li and W.Y. Yu	299
Study on Real-Time Monitoring System of Mining Subsidence Area Based on LabVIEW X.Q. Guo, Z.M. Qian, G.F. Ren and Z.G. Liu	303
On-Line Thickness Measurement of Thin Film Based on Neural Network L. Cai, Y.G. Tan and Q. Wei	307
Sensor-Based Real-Time Monitoring Hazardous Chemical Cargo L. Tang, Y. Zhang and X.H. Ying	311
Research of Building Automatic Control Based on CAN Bus Technology W.F. Yao	316
Functional Module of Computer Application and Regulation Control Y. Tao and Y. Tang	321

Verification of Fault Control Measures Based on Fault Injection for MCU Control System D.S. Niu, X.D. Liu, S.Q. Sun and Y. Liu	325
Research on Information Supervision System of City Infrastructure Construction Project Y.N. Wu and Y. Peng	332
Research on Optical Radiation Measuring System Based on Virtual Instrument S.L. Zhang	337
Low Voltage Reactive Power Compensation Technology in Wireless Monitoring System D.P. Liu	343
Remote Network Control System for Web Service F. Wang, C. Liu and L. Lin	348
C/S-Based Network Remote Control System F. Wang, C. Liu and L. Shi	353
Research on Face Tracking in Community Monitoring System S. Liu	358
Semantic Complex Event Detection System of Express Delivery Business with Data Support from Multidimensional Space X. Jing, J. Zhang and J.H. Li	363
Transmission Performance of the Mechanical Control System in the Aircraft	368
Study on Pressure Detection and Relief Device of Bio Chemical Equipment	373
PLC Programmable Control Technology in the Mine Pit Transportation System	378
PLC-Based Safety Interlock Protector System of Heating Furnace X.F. Shi and S.G. Mu	382
Research on Wireless Positioning Technology Base on ZigBee Y.X. Zhao and X.Z. Wang	386
Remote Control of Manipulator Electronic System	391
Study on the Heart Sound Signal Denoising Technology Based on Integrated Filtering Algorithm	
L.J. Zhang, X.H. Yang, N.Q. Li and S.Y. Cui	396
	400
<u> </u>	404
Biomechanical Study of Jump Ability for Aerobics Sports Based on Single Chip Technology C. Fan	408
Analysis Markov Delay Control Strategy for Smart Home Systems Z.J. Kuang, L. Hu and F.Y. Chen	413
Scrambling Technology in the Digital Watermarking L. Qiong and C.Y. Wang	418
Analysis of Changes in Gas Composition during Startup Process G.H. Zhao and S.S. Yang	423
Characteristic Analyzation of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang	427
Research on Analysis Method of Differential Signal of Ship Heading without Mathematical Model	
	431
AHP Based Technology Selection for Emerging Industry P. Zhang and Y. Zhang	438
Study of Alternating Load Training Methods Based on Mechanics Analysis M. Lin	443
Study of Supply Chain Management Theory in Manufacturing Innovation S.F. Xiao	448
Design of the Comprehensive Information Platform for the Prevention of Natural Disasters Based on Ocean Ships B. Lin	453

Reliability Optimization Analysis Based on Structure of Probabilistic Model X.F. Liu	457
Research on Basic Standard of Roadmap for Green Manufacturing Z.X. Gao	462
Study of Environment Pottery Based on Mechanics Analysis X.L. Jiang and Y. Gao	467
Study on Holism Horizon of Whitehead Based on Mechanics Analysis Z.D. Wang	471
Study on Desert Ecological Resources in Green Environment Z.Y. Li, H.F. Bai and J.L. Shi	475
Analysis on Garden Irrigation for the Recycling and Use of Reclaimed Water T.W. Xu, Y.F. Deng and C.G. Lin	479
Fuzzy Comprehensive Evaluation of Air Quality in Home Q.T. Wei, L.N. Zhao and H.T. Lv	484
Research on Readjustments of Land Property Rights in Comprehensive Land Management Y. Liu and X.J. Li	488
Study on Information Security of Network-Based Manufacturing Environment X.J. Mo	493
Study of Outdoor Sports Curriculum on Survival Practice in Manufacturing Industry X.J. Luo and Y.L. Song	497
Analysis on Influencing Factors of Degradation of Water Treatment with Ultrasonic Wave Based on GPC H.W. Li and S.S. Zhao	501
Research and Monitoring of Metro Tunnel Deformation Based on Internet of Things X.W. Du and Y.T. Gao	507
Motor Drive Control Based on Microcontroller and PID J.J. Cui	511
Analysis on Fission-Style Communication Mode of Mobile TV Y.J. Huang	515
Research on the Reliability of the Electromechanical Products Based on the Fuzzy Theory Z.Y. Wang	519
Research on Sports Electronic Instrument and Equipment Y.X. Wang and Y.P. Jiang	524
Study on Transformation of Intelligent Electronic Engineering Structural Model L.L. Liu	528
Study of FIDIC Condition in Innovative Engineering Environment Z.H. Liu	531
Study of AGC in Real-Time All-Digital Demodulation of Fiber Laser Hydrophone Using PGC Method	
Y.Y. Wang, X.L. Chen, Y. Li, D.R. Guo and J.B. Huang Study and Realization of Camera Wafer Image Fusion Algorithm	535
Y. Xu	540
Adaptive Evaluation System Based on IRT Theory J. Min and D. Wei	547
Oil Security Issues in the Context of Economic Globalization N. Wang and Z.Q. Liu	552
Study of Rural Drinking Water Safety Engineering Management W. Li	558
Design of Controlling Program of the Humanoid Robot NAO Based on LabVIEW H. Zhang and L.Q. Wang	562
Design for Robot Control Board Based on AVR Single Chip Microcomputer H. Li and S.Q. Zhang	570

Chapter 5: Power Systems and Mining Research

Mountain Torrent Disaster Monitoring and Early-Warning System Based on Internet of Things	
C.P. Zeng	577
Study on Mining Materials Products of Central and South America Y. Li, Q.S. Chen, J.W. Li and Q.Y. Liu	581
Data Mining-Based Smart Industrial Park Energy Efficiency Management System N.X. Song, D.M. Wan, Q. Sun and J.F. Yue	585
Study of Methods for Determining the Thickness of Safe Roof in Open Casting Turn to Underground Mining J. Chang, J.H. Zhang, D.J. Zhang and Z.G. Liu	589
Study on Innovative Engineering of Energy Industry J.S. Liu	593
Analysis of the Open-Pit to Underground Mining Slope Stability G.M. Bao, J. Chang and Z.G. Liu	599
Gas Emission Prediction Based on Coal Mine Operating Data D.C. Yuan, X.G. Yue, C. Wang and J.F. Zhang	604
SVMR Model for Coal Mine Cost Management Prediction D.C. Yuan and X.G. Yue	608
Distribution Regularity of the Ordovician Reef-Bank Reservoir inside Sequence Stratigraphic Framework in Central Tarim Basin	610
F. Zhu Fault Surface Models of Coal Rake Based on RBF Neural Network X.L. Pan, L.H. Mu and H. Chen	612 616
Evaluation of Gold Geochemical Anomalies in the Liaodong Paleorift S. Xu, M. Wang, C.C. Liu and S.Y. Li	620
Optimization of Development Mode during the Later Steam Huff and Puff in Heavy Oilfield Z. Yang, H. Gao and D.Y. Zhang	628
Analysis on the Human Errors in Coal Mines Based on Ant Clustering Algorithm S.Y. Liu and Z.X. Fang	634
Multi-Objective Evaluation of PV Q. Sun, Q. Wang and Y.C. Zhang	639
Analysis on Regional Power Grid Load Characteristics and Rational Allocation of Capacity Load Ratio Y.X. Li and C.W. Ma	644
Research on Agriculture Reactive Power Optimization Control Based on DSP X. Yang	650
Three-Phase Power Flow of Less Ring Distribution Network J.W. Xu	655
Power Vector System Simulation Design Based on MATLAB Difference Frequency Control X.W. Wang	660
On-Line Power System Analysis Based on Hybrid Network Model Q. Xiao	665
Analysis of SMPS in Clinical Medical Equipment J.Y. Zhou, N. Zhang, S.F. Kong, F.H. Zhang and X.X. Guo	671
Chapter 6: Structural and Civil Engineering	
Ecological Approach for Low-Carbon Landscape Architectural Design S.H. Zhu	677
Study on Constructing Arch-Centre Structure of Wood Arcade Bridges Z.J. Wu and Z.L. Li	682
Study on Practice Learning Environment for Environmental Art Engineering Design X.G. Yao and S.H. Song	687
Study on Smart Materials of Library Buildings X.M. Su and G.X. He	691
Study on the Efficient Design Scheme of Intelligent Building J. He	695

J. He Fifter of Bucking on the Mechanical Properties of Honeycomb Sandwich Structure P.C. Zhao, Y.B. Niu, S. Qin and Y.T. Yu Study on Urban Residential Quality Engineering Based on Government Regulation L.Y. Chen Research of Whole Process Planning of Green Architecture J.M. Liu Construction Technical Measures and Control of Concrete Temperature Cracking for a Mass Flat Plate Type Raft Foundation J., Yu and D. Yang City Vision Oriented Design Based on Vision Communication Factors F. Wu 222 Effect of Small Radius on the Performance of Curved Steel Box Girder Bridge Q. Zhou Study of Construction Ecological Livable City in Nanning L.H. Wang and S.H. Liu Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian Durability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xic Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu Study on River Landscape Ecological Restoration Project F. Fu Study on River Landscape Ecological Restoration Project F. Fu Study on River Landscape Ecological Restoration Project F. Liu, C.G. Chen and Q.H. Yang F. Liu, C.G. Chen and Q.H. Yang Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan Source Address Validation Improvements in Construction of Campus Network Sur, Z.		
P.C. Zhao, Y.B. Ñiu, S. Qin and Y.T. Yu 705 Study on Urban Residential Quality Engineering Based on Government Regulation L.Y. Chen 708 Research of Whole Process Planning of Green Architecture J.M. Liu 713 Construction Technical Measures and Control of Concrete Temperature Cracking for a Mass Flat Plate Type Raft Foundation J.L. Yu and D. Yang 717 City Vision Oriented Design Based on Vision Communication Factors F. Wu 722 Effect of Small Radius on the Performance of Curved Steel Box Girder Bridge Q. Zhou 731 Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian 732 Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian 734 Durability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xic 742 Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. F. U 749 Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. F. Liu, C.G. Chen and Q.H. Yang F. Spatial Processing and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Construction Design of Indoor and Outdoor Space Y. Liu A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Cred Ple Based Soft Foundation Treatment L. Deng Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharin	Efficient Development Scheme of Green Building J. He	700
L.Y. Chen Research of Whole Process Planning of Green Architecture J.M. Liu Construction Technical Measures and Control of Concrete Temperature Cracking for a Mass Flat Plate Type Raft Foundation J.L. Yu and D. Yang (Tity Vision Oriented Design Based on Vision Communication Factors F. Wu ZEE ffect of Small Radius on the Performance of Curved Steel Box Girder Bridge Q. Zhou Study of Construction Ecological Livable City in Nanning L.H. Wang and S.H. Liu Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian Durability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu Study on River Landscape Ecological Restoration Project F. Fu Came Theory Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang F. Liu, C.G. Chen and Q.H. San Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Matterials H.N. Qin Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan Source Address Validation Improvements in Construction of Campus Network Z.Y. Atlan and X.Y. All and A.Y. All	Effect of Bucking on the Mechanical Properties of Honeycomb Sandwich Structure P.C. Zhao, Y.B. Niu, S. Qin and Y.T. Yu	705
J.M. Liu Construction Technical Measures and Control of Concrete Temperature Cracking for a Mass Flat Plate Type Raft Foundation J.L. Yu and D. Yang Tity Vision Oriented Design Based on Vision Communication Factors F. Wu Zo Zhou Zo Zhou Zo Zhou Zo Zhou Zo Zhou Zo Goustruction Ecological Livable City in Nanning L.H. Wang and S.H. Liu Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian Zorability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie Zorability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie Zorability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie Zorability Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao Zorability On River Landscape Ecological Restoration Project F. Fu Zorability On River Landscape Ecological Restoration Project F. Fu Zorability On Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao Zorability On Analysis of Demolition and Reconstruction Urban Prainage System F. Liu, C.G. Chen and Q.H. Yang Zorability One-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban Zorability One-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban Zorability One-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban Zorability One-Plan Housing of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Zorability One-Plan Housing of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Zorability One-Plan Housing of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Zorability One-Plan Housing of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Zorability One-Plan Housing of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Zorability One-Plan Housing of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang Zorability One-Plan Housing of Cyber Physical Systems Zorabili	Study on Urban Residential Quality Engineering Based on Government Regulation L.Y. Chen	708
Mass Flat Plate Type Raff Foundation JL. Yu and D. Yang City Vision Oriented Design Based on Vision Communication Factors F. Wu Effect of Small Radius on the Performance of Curved Steel Box Girder Bridge Q. Zhou 727 Study of Construction Ecological Livable City in Nanning L.H. Wang and S.H. Liu 138 Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian 739 Durability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie 740 Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu 741 Study on River Landscape Ecological Restoration Project F. Fu 742 Study on River Landscape Ecological Restoration Project F. Fu 743 Study on River Landscape Ecological Restoration Project F. Fu 744 Study on River Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang 745 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang 746 Senery-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban 748 Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu A. Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang 749 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 804 Surce Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Research of Whole Process Planning of Green Architecture J.M. Liu	713
F. Wu 722 Effect of Small Radius on the Performance of Curved Steel Box Girder Bridge Q. Zhou 727 Study of Construction Ecological Livable City in Nanning L.H. Wang and S.H. Liu 731 Lighting Energy-Saving Design for Industrial Factory Building 737 Purability Analysis and Carbonation Life Prediction of River Bridge 737 H.L. Gan and X.L. Xic 742 Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering 749 Study on River Landscape Ecological Restoration Project 743 Study on River Landscape Ecological Restoration Project 744 E. Fu 753 Game Theory Analysis of Demolition and Reconstruction Urban Renewal 757 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System 757 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System 757 Rain Water Utilizing Performance Investigation on Sustainable Architecture Design of Open-Plan 157 Housing in Temperate Region 758 H.T. Jiang and Q.C. Ban 757 Strengthening Design and Construction Technique of Simply Supported Girder Bridge 758 M. Shang 759 A Smart Home Architectural Design of Cyber Physical Systems 758 Z.J. Kuang, L. Hu and C. Zhang 759 Chapter 7: Computer and Numerical Technologies 759 Chapter 7: Computer And Numerical Technologies 759 Chapter 7: Computer Network Resource Sharing for Advanced Engineering Applications 759 Chapter 7: Computer Network Resource Sharing for Advanced Engineering Applications 759 Roometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional 759 Materials 759 Roometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional 759 Materials 759 Roometric Subdivision Improvements in Construction of Campus Network 759 Rource Address Validation Improvements in Construction of Campus Network 759 Rource Address Validation Improvements in Construction of Campus Network 750 Roometric	Construction Technical Measures and Control of Concrete Temperature Cracking for a Mass Flat Plate Type Raft Foundation J.L. Yu and D. Yang	717
Q. Zhou Study of Construction Ecological Livable City in Nanning L.H. Wang and S.H. Liu Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian Durability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie 737 749 Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu 750 Study on River Landscape Ecological Restoration Project F. Fu 751 Study on River Landscape Ecological Restoration Project F. Fu 752 Study on River Landscape Ecological Restoration Project F. Fu 753 Same Theory Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao 754 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang F. Liu, C.G. Chen and Q.H. Yang F. Liu, C.G. Chen and Q.C. Ban 758 Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu 758 Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu 759 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 759 Chapter 7: Computer Network Resource Sharing for Advanced Engineering Applications N. Li 759 Ceometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 759 803 804 805 805 807 807 808 808 809 809 809 809	City Vision Oriented Design Based on Vision Communication Factors F. Wu	722
Study of Construction Ecological Livable City in Nanning L.H. Wang and S.H. Liu Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian 737 Durability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie 742 Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu 749 Study on River Landscape Ecological Restoration Project F. Fu 753 Game Theory Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao 757 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang 763 Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban 768 Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu 779 A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang 785 CFG Pile Based Soft Foundation Treatment L. Deng 790 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 799 Ceometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Effect of Small Radius on the Performance of Curved Steel Box Girder Bridge Q. Zhou	727
Lighting Energy-Saving Design for Industrial Factory Building Y.F. Lian 737 Durability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie 742 Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu 749 Study on River Landscape Ecological Restoration Project F. Fu 750 Game Theory Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao 757 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang 763 Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban 768 Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu 779 A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang 785 CFG Pile Based Soft Foundation Treatment L. Deng 780 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 690 Ceometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 801 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Study of Construction Ecological Livable City in Nanning	
Durability Analysis and Carbonation Life Prediction of River Bridge H.L. Gan and X.L. Xie Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu 749 Study on River Landscape Ecological Restoration Project F. Fu 750 Game Theory Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao 757 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang CFG Pile Based Soft Foundation Treatment L. Deng Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Lighting Energy-Saving Design for Industrial Factory Building	
Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering F. Fu Study on River Landscape Ecological Restoration Project F. Fu Game Theory Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang CFG Pile Based Soft Foundation Treatment L. Deng Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin Rosource Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Durability Analysis and Carbonation Life Prediction of River Bridge	
Study on River Landscape Ecological Restoration Project F. Fu 753 Game Theory Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao 757 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang 763 Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban 768 Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang 779 A Smart Home Architectural Design of Cyber Physical Systems CFG Pile Based Soft Foundation Treatment L. Deng 780 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 790 Chapter Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Study on Foreign Urban River Corridor Landscape Based on Ecological Engineering	
Game Theory Analysis of Demolition and Reconstruction Urban Renewal Y. Liao and J. Bao 757 Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang 763 Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban 768 Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang 774 Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu 779 A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang 785 CFG Pile Based Soft Foundation Treatment L. Deng 790 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 799 Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Study on River Landscape Ecological Restoration Project	
Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System F. Liu, C.G. Chen and Q.H. Yang F. Liu, Temperate Region H.T. Jiang and Q.C. Ban F. Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang F. Liu F. Liu F. Liu F. Liu F. Spatial Processing and Coordination Design of Indoor and Outdoor Space F. Liu F. Liu F. Samart Home Architectural Design of Cyber Physical Systems F. Liu F. L. Hu and C. Zhang F. S. Strange F.	Game Theory Analysis of Demolition and Reconstruction Urban Renewal	
Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region H.T. Jiang and Q.C. Ban 768 Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang 774 Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu 779 A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang 785 CFG Pile Based Soft Foundation Treatment L. Deng 790 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Rain Water Utilizing System Combing Artificial Wetland and Urban Drainage System	
Strengthening Design and Construction Technique of Simply Supported Girder Bridge M. Shang 774 Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu 779 A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang 785 CFG Pile Based Soft Foundation Treatment L. Deng 790 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 799 Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 790 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Energy-Saving Performance Investigation on Sustainable Architecture Design of Open-Plan Housing in Temperate Region	
Spatial Processing and Coordination Design of Indoor and Outdoor Space Y. Liu 779 A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang 785 CFG Pile Based Soft Foundation Treatment L. Deng 790 Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 799 Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Strengthening Design and Construction Technique of Simply Supported Girder Bridge	
A Smart Home Architectural Design of Cyber Physical Systems Z.J. Kuang, L. Hu and C. Zhang CFG Pile Based Soft Foundation Treatment L. Deng Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Spatial Processing and Coordination Design of Indoor and Outdoor Space	
CFG Pile Based Soft Foundation Treatment L. Deng Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu Cumulative Absolute Velocity Parameter and LABVIEW Implementation	A Smart Home Architectural Design of Cyber Physical Systems	
Chapter 7: Computer and Numerical Technologies Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 799 Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	CFG Pile Based Soft Foundation Treatment	
Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li 799 Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	L. Deng	/90
N. Li Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Chapter 7: Computer and Numerical Technologies	
Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials H.N. Qin 803 Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Study of Computer Network Resource Sharing for Advanced Engineering Applications N. Li	799
Test Paper Materials Auto-Generation System X.B. Lu, L.Z. Hao and L.F. Yan 808 Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu 812 Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Geometric Subdivision Based on the Mosaic View Related PN-Patch for Multifunctional Materials	202
Source Address Validation Improvements in Construction of Campus Network Z.Y. Zhu and X.Y. Xu Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Test Paper Materials Auto-Generation System	
Cumulative Absolute Velocity Parameter and LABVIEW Implementation	Source Address Validation Improvements in Construction of Campus Network	
J.N. Ala, Z.G. Chen, J. Yang and P. Wu 81/	Cumulative Absolute Velocity Parameter and LABVIEW Implementation	
Cloud-Based University Library Management System	Cloud-Based University Library Management System L.J. Wang	

Study on Modern Innovative Logistics Engineering Based on Computer Network S. Chen, F.F. Zhou and H.H. Li	829
On Computer Network Security Risks and Emergency Response Technology M.H. Song	833
Study of Papers Automatically Generated Functions of Photoshop Course Based on Smart Materials X.B. Lu, Y.G. Guo and Y.Q. Zhou	837
On the Maintenance Management and Network Security of Local Area Network	
Q.L. Wang Gray-Markov GM (1, 1) Prediction Model Optimal Allocation of Equipment Maintenance	842
Personnel Based on Difference Method R. Tong, M.X. Shen, J.S. Kang and B.C. Li	847
Image Interpolation Based on Wavelet Transform H.Z. Yu, X.L. Chai and H. Deng	853
Study on Information Sharing Platform and Network Open Experiment C.M. Zhang and H.S. Shi	856
Study on Security of Information Exchange of SOA Application System F. Gao and L. Li	860
H. 264 Video Compression Coding in Emergency Management G.L. Li and Y. Wang	866
Research on Heterogeneous Network Data Communication Y. Shen	871
Research on the File Encryption and Programming Based on Matrix Transformation J.T. Geng and Q. Huang	876
Research of Logistics Information System Based on GPS D.Y. Fang	881
Cultural Tourism Resources Database Based on MapGIS A.F. Feng and Y.H. Wang	885
Research on Remote Aerobics Network Learning System Based on B/S C. Fan	891
Multi-Scale Noise Reduction Based Wavelet R.X. Li	896
ISCSI Network Storage System Based on Android System Y. Zeng, J.N. Liu, J.X. Chen and H. Cheng	902
Study on the Construction of 3-Dimensional Image by Support Vector Machine J. Sun	907
Improvement of Hadoop Security Mechanism X.L. Li and J.D. Zheng	912
Multiple Features Fusion Based on PCA in Liver CT Image Recognition P.P. Jiao and Y.Z. Guo	916
Research of Big Data Processing Platform X.J. Liu	922
Fault Detection Way for Computer Networks Based on Multiple Stages H.B. Li	927
Research on Mechanical Product Development Based on CAD Software F.N. Li, L.W. Yang and Y. Zeng	933
Integrated Design of Testing Software in Machinery Production W. Liu and G.K. Cao	938
Mechanized Production Based on Computer Application Software G.K. Cao and W. Liu	941
Gear Class Components Parameterization Based on AUTOCAD Z.J. Wang	944
Manufacturing Image in Painting Based on Partial Differential Equations F.X. Liu	949
Research on the Mine Slope Stress Detection and Warning System G.M. Bao, J. Chang and Z.G. Liu	953

Research on Computer Information System of Disaster Warning Based on ANSYS and MATLAB	
J. Chang, J.H. Zhang, D.J. Zhang and Z.G. Liu	958
Remote Data Acquisition System Based on ARM-Linux M.L. Ding	963
Research on Energy Decision System Based on Network Technology Q. Li	967
Video Segmentation Based on Area Selection X.L. Chai, H.Z. Yu and H. Deng	972
Blind Estimation of Long Code DSSS Signal Based on Subspace Tracking C. Ma, L.M. Zhang and J.X. Wang	976
Optimal Path Algorithm Analysis of GPS Navigation Based on A* Algorithm M.L. Ding	982
An Indirect Fingerprint Authentication Scheme in Cloud Computing X.C. Jiang and J.D. Zheng	986
Human Face Recognition Based on the Core Characteristics under the Condition of Illumination	
W.H. Li, N. Ma and Z.Y. Wang	991
Study on Factors of College Student's Network Service Time Based on Bayesian Networks C.W. Wu	996
Research on Recognition Method of Handwritten Numerals Segmentation Based on B-P Neural Network	1001
N.F. Wei	1001
Study on Component Composition Frame Based on XCM Model Y.Y. Liu and D.Z. Luo	1006
Key Factors of Agricultural Industry Evaluation Based on AHP and TFN L. Lei and X. Wang	1012
CAN-Bus Intelligent Network Communication Equipment Based on PLC Y.N. Liu	1017
Design of Motion Controller Based on Touch Screen S. Rao	1022
Design of MP3 Player Decoder Based on FPGA H. Xu	1029
Differentiability of the Energy Functional of a Class of Quasi-Linear Elliptic X.L. Pan, L.H. Mu and H. Chen	1033
Chapter 8: Simulation and Model	
3D Garment Design of the Computer Virtual Reality Environment J. Sun, P. Li and W.J. Wang	1041
Face Recognition Algorithm Based on Multi-Resolution and Classification Y.X. Qin	1045
3D Modeling Technology in Indoor Decoration Design S. Rao	1051
Study of CAD & Processing Error for End-Gear with Arc Tooth Z.G. Liu	1059
Modeling and Simulation of Low Rate of Denial of Service Attacks K.L. Xia	1063
Research on the Simulation System of the Sports Training Y.X. Wang and Y.P. Jiang	1067
PID Control of Four-Rotor Aircraft Based on Quaternion Z.H. Dongye	1071
Fuzzy Recognition Method and Simulation Analysis on Second Harmonic Excitation Inrush Current of Transformer	
J.D. Wu	1076
Modeling and Meshing of A320 Aircraft Rudder J.X. Xu and L.N. Song	1081

H. Wang, C.M. Tong and J.J. Sun	1087
Simulation Research on Vehicle Handling Inverse Dynamics Based on Radial Basis Function Neural Networks R. Yu	1093
Industrial Design Instruction Based on Simulation Technology C.D. Wang	1098
An Intelligent Transportation Systems Model Based on Multi-Agent Technology J.Y. Chen	1101
Research on Learning Context Construction of Mobile Device UI Designing in Engineering Environment C.Y. Wang and S.H. Xu	1106
Three-Dimensional Configuration in the Graphic Design Y.X. Xu	1110
Desk Lamp on 3D Modeling Based on Solidworks M.X. Li	1114
Design of Workspace of Human Fingers and Computer Keyboard Operation R. Shun	1118
Design of Digital Control DC Voltage Source Based on AT89C52 MCU W. Wang	1126
Chinese-English CS in Online Discourse Adaptation Model Based on Manufacturing Technology	1120
X.Q. Wang and Q.H. Yuan Mobile Robot Design Based on Ant Colony Algorithm L. Cai, H.X. Wu and R. Zhang	1130 1134
,	