

Contents

1	A Bayesian Learning Approach for Making Procurement Policies Under Price Uncertainty	1
	Zhi-xue Xie and Li Zheng	
2	A Class of Robust Solution for Linear Bilevel Programming . . .	11
	Bo Liu, Bo Li and Yan Li	
3	A Comparison of the Modified Likelihood-Ratio-Test-Based Shewhart and EWMA Control Charts for Monitoring Binary Profiles	23
	Chao Yin, Yihai He, Zhen Shen and Chun-hui Wu	
4	A Decision-Making Model of Price Control for Administering Authority	31
	Chong-yi Jing	
5	A Method for Multiple Attribute Decision Making without Weight Information but with Preference Information on Alternatives	41
	Yun-fei Li	
6	A Prediction of the Container Throughput of Jiujiang Port Based on Grey System Theory	51
	Yan Du	
7	A Rapid Data Processing and Assessing Model for “Scenario-Response” Types Natural Disaster Emergency Alternatives	61
	Daji Ergu, Gang Kou and Yong Zhang	

8	A Research on Value of Individual Human Capital of High-Tech Enterprises Based on the BP Neural Network Algorithm.	71
	Xiu-fen Li and Ping Zhang	
9	A Stochastic Programming Model for Evaluating Real Options in Wind Power Investment Projects	81
	Han Qin and L. K. Chu	
10	Action Recognition Based on Hierarchical Model.	93
	Yang-yang Wang, Yang Liu and Jin Xu	
11	Adaptive Ant Colony Algorithm Researching in Cloud Computing Routing Resource Scheduling	101
	Zhi-gao Chen	
12	An Empirical Analysis on Guangdong Industrial Energy Intensity Based on Panel Data.	109
	Xin-dong Hao	
13	An Empirical Research on the Ability of Sustainable Development for Coal Resource Exhausted Cities	115
	Bing Zhang	
14	An Extensive Innovation Procedure to Quality Function Deployment for Product Design.	125
	Chang-tzuoh Wu, Jyh-rong Chou and Chang-shiann Wu	
15	Analysis on Grey Relation of Labor Export Mechanism's Influence Factors in Poverty-Stricken Areas	137
	Shan-ping Wang and Yi Zhou	
16	Analysis on Trend of Research and Development Intensity in China.	149
	Bin Huang and Lu-cheng Huang	
17	Application of IE Method in Modern Agro-Ecological Park Planning	157
	Li Yue	
18	Application of Improved Grey Prediction Model for Chinese Petroleum Consumption	171
	Ying Ma and Meng Sun	

19	Applying an Integrated SOM Model on Studying Corporate Governance Data	177
	Jen-Ying Shih	
20	Applying Constraint Satisfaction Methods in Four-Bar Linkage Design.	189
	Gang Chen	
21	Appraisal of Estate Enterprise’s Social Responsibility Based on ANP and Fuzzy Theory	199
	Chun-hua Wu	
22	Bottleneck Detection Method Based on Production Line Information for Semiconductor Manufacturing System	209
	Xiao-yu Yu, Fei Qiao and Yu-min Ma	
23	Clinical Decision Support Model of Heart Disease Diagnosis Based on Bayesian Networks and Case-Based Reasoning	219
	Man Xu and Jiang Shen	
24	Construction of Project Management Classification Frame and Classification Controlling Model Based on Project Portfolio	227
	Chao Yang and Fa-jie Wei	
25	Product Material Combination Image Method Based on GEP	235
	Ke Su and Sheng-li Kong	
26	D2-Index: A Dynamic Index Method for Querying XML and Semi-Structured Data.	245
	Yin Zhang, Hua Zhou, Zhi-hong Liang, Jun-hui Liu, Yun Liao, Peng Duan and Zhen-li He	
27	Data Preprocessing in Web Usage Mining	257
	Xiang-ying Li	
28	Design Knowledge Reduction Approach Based on Rough Sets of HCI.	267
	Qing Xue, Qi-qi Yin, Li-ying Feng and Min-xia Liu	
29	Diagnostic Testing and Analysis of CAN Data Bus Based on the Sagitar Power Transmission System	279
	Wen Fang	

30	Effectiveness to Driving by Interbeds in Channel Sand of River Delta System	289
	Lun Zhao, Shu-qin Wang, Zi-fei Fan, Lei Zhang and Ben-wei Li	
31	Effectiveness Valuation of Electronic Countermeasure on Ground Air Defense and Anti-missile	301
	Yong-ling Yan, Zhi-feng Zhang, Qing-bo Zhang and Tao Dong	
32	Energy Consumption and Economic Growth: Cointegration and Granger Causality Test.	313
	Jing-wei Liang and Zhou Liu	
33	Estimation of Lead Time in the RFID-Enabled Real-Time Shopfloor Production with a Data Mining Model	321
	Ray Y. Zhong, George Q. Huang, Qing-yun Dai and Tao Zhang	
34	Evaluation of Green Residence Using Integrated Structural Equation Model with Fuzzy Theory.	333
	Michael H. Hu, M. Y. Ku, C. K. Liao and P. Y. Ding	
35	Evaluation of Population Age Structure Model Using Grey Clustering Theory	345
	Bao-ping Chen	
36	Evaluation of Recycle Level of Qaidam Salt Lake Circular Economy with Intuitionistic Fuzzy Entropy Measures	353
	Fei Feng, Yu Liu, Jian Zhang, Nan Wang and Xiao-hui Xing	
37	Evolution Analysis of Standardization Production Behavior in GI Agricultural Product Enterprise Cluster.	361
	Zhi-fang Li and Tong Chen	
38	Forecasting of Vehicle Capacity Based on BP Neural Network . . .	369
	Ya-qin An, Ya-jun Wang and Wen-wei Gao	
39	Fuzzy Data Mining with TOPSIS for Fuzzy Multiple Criteria Decision Making Problems.	377
	Chin-yao Low and Sung-nung Lin	
40	Knowledge Discovery from Granule Features Mining	391
	Jian-hong Luo, Xi-yong Zhu and Xiao-jun Wang	

41	Multivariable Forecasting Model Based on Trend Grey Correlation Degree and its Application	403
	Li-ping Fu, Lu-yu Wang and Juan Han	
42	Partner Selection About the PPP Reclaimed Water Project Based on Extension Evaluation Method	411
	Xu-kuo Gao and Xiao-hu Chen	
43	Personnel BDAR Ability Assessment Model Based on Bayesian Stochastic Assessment Method	419
	Zhi-feng You, Tian-bin Liu, Ning Ding and Kai-xuan Cui	
44	Power Control of Cellular System in CDMA Technology Integrated with SIC	427
	Pan-dong Zhang and Juan-juan Min	
45	Research of Embedded Intelligent Decision Support System for Natural Disasters	439
	Jiang Shen, Tao Li and Man Xu	
46	Research on Classifying Interim Products in Ship Manufacturing Based on Clustering Algorithm	449
	Lin Gong, Yan Song, Hao Lin and Zi-xu Chen	
47	Research on Financial Accounting Information Disclosure of China's Social Security Fund Based on Game Analysis	459
	Sha-sha Dai, Ke Pan and Yuan-yuan Dai	
48	Research on the Multi-Target Tracking Algorithm Based on Double FPGA	471
	Xu-dong Liu	
49	A Study of the Effect of Xi'an Subway on the Rent of Office Building	479
	Ying Wang and Wen-jia Wei	
50	Urban-Rural Income Gap in China: Evolutionary Trend and Influencing Factors	487
	Cun-gui Li	
51	Sensitivity Analysis on Optimized Sampling for Sealing Performance of GVTP	499
	Long Yu, Shu-rong Yu and Wen-li Yang	

52	Study on Application of Logistic Curve Fitting and Forecast from Inbound Tourist Market	509
	Wei-qi Tan	
53	Study on Decision Mechanism Choosing by Cost Model for Projectized Organization	519
	Hua-ming Zhang	
54	Study on Impact of Investor's Herd Behavior on Corporation Investment Behavior	527
	Hai-ming Wang and De-ming Zeng	
55	Study on the Evaluation Framework of Enterprise Informationization	535
	Qing-wen Yuan, Shu-wei Yu, Yuan-yuan Huo and Dan Li	
56	Supplier Selection Model Based on the Interval Grey Number	543
	Zhi-yong Zhang and Sheng Wu	
57	The Accuracy Improvement of Numerical Conformal Mapping Using the Modified Gram-Schmidt Method	555
	Yi-bin Lu, De-an Wu, Ying-zi Wang and Sha-sha Zheng	
58	The Application of AHP in Biotechnology Industry with ERP KSF Implementation	565
	Ming-Lang Wang, H. F. Lin and K. W. Wang	
59	Application of Gray Correlation Method in the Employment Analysis of Private Enterprises	575
	Bao-ping Chen	
60	The Design of Three-Dimensional Model for the Economic Evaluation of the Coal Enterprise Informationization	583
	Qing-wen Yuan and Shu-wei Yu	
61	The Effects Decomposition of Carbon Emission Changes and Countermeasures in Shandong Province: Based on De Bruyn's Factors Decomposition Model.	591
	Guo-hua Wu, Jin-sheng Hou and Lin Wu	

62	The Empirical Research of the Causality Relationship Between CO₂ Emissions Intensity, Energy Consumption Structure, Energy Intensity and Industrial Structure in China	601
	Tao Zhao and Xiao-song Ren	
63	The Evaluation of China Construction Industry Sustainable Development on DEA Model	611
	Peng-Yang Liu, Jian-Ping Yang and Fan-Fang Wen	
64	The Prediction of Customer Retention Costs Based on Time Series Technique	621
	Fan Yu, Ji-fang Yang and Ai-wu Cheng	
65	The Research on the Location Selection of the Bank Outlets Based on Triangular Fuzzy Analytic Hierarchy Process.	627
	Yang Han and Fa-shan Dai	
66	The Study of Sino-Russian Trade Forecasting Based on the Improved Grey Prediction Model	637
	Zhen-zhong Zhang, Shuang Liu and Li-xia Tian	
67	The Role of Preference and Emotion in Environmental Risk Perception	645
	Charlene Xie, Yang Liu, Shengxiang She and Dixi Song	
68	The Model Research on Risk Control	653
	Qing-hai Zhang	
69	TOPSIS Based Power-Saving Plans Choice for Manufacturing Enterprise	661
	Dong-sheng Wang and Kuan-ming Zheng	
70	Research on Central Control DDSS System for Fund Portfolio Management	669
	Cheng Hu and Er-shi Qi	
71	The Evaluation and Application of Residential Structure System Based on Matter-Element Model	677
	Sen Yu and Xiang-ju Liu	

72	Logistic Financial Crisis Early-Warning Model Subjoining Nonfinancial Indexes for Listed Companies	685
	Shao-fang Ding, Ying-chao Hou and Pei-pei Hou	
73	Evaluation Research on Logistics Development of the Yangtze River Port Based on the Principal Component Analysis	697
	Gao Fei	
74	A Game Analysis of New Technical Equipment Procurement . . .	703
	Ai-hua Zhang, Zhi-wei Yang, Qiong Zhang and Hong-wei Fu	
75	Constructing Performance Measurement Indicators in the Government' Information Unit in Taiwan: Using Balanced Scorecard and Fuzzy Analytic Hierarchy Process.	709
	Yi-Hui Liang	
76	A Decision Model and Its Algorithm for Vehicle Routing Problem to Meet Emergencies.	717
	Xing Liu, Min Zhong and Ya-hong Ma	
77	A Solution to Optimize Enterprise Business and Operation Process	727
	Xue-wu Chang, Xiao-yuan Ji and Jian-xin Zhou	
78	An Approach with Nested Partition for Resource-Constrained Project Scheduling Problem	737
	Zhen-yuan Liu and Wen-min Yu	
79	An Approximate Dynamic Programming Approach for Computing Base Stock Levels	749
	Hong-zhi He	
80	An Inventory Model Considering Credit Cost and Demand Rate Varying with Credit Value	759
	Zi-quan Long and Ran Gao	
81	An $M/M/1$ Queue System with Single Working Vacation and Impatient Customers	767
	Xiao-ming Yu, De-an Wu, Lei Wu, Yi-bing Lu and Jiang-yan Peng	
82	Analysis of Bank Queueing Based on Operations Research	777
	Liang Li, Jia-lin Wu and Jin-xiang Ding	

83	Application of DEA-Malmquist Index in Analyzing Chinese Banking's Efficiency	789
	Man Ding, Chao-qun Ma, Zhong-bao Zhou and Wen-bin Liu	
84	The Improvement on R. G. Bland's Method	799
	Yu-bo Liao	
85	Influence Mechanism of Lean Production to Manufacturing Enterprises' Competitiveness.	805
	Hong-liang Zhang and Zhan-wen Niu	
86	Mobile Device User Research in Different Usage Situation	815
	Wei Liu and Jiu-zhou Li	
87	Optimal Enterprise Cash Management Under Uncertainty.	825
	Xiao-yun Wei and Li-yan Han	
88	Problem Analysis and Optimizing of Setting Service Desks in Supermarket Based on M/M/C Queuing System.	833
	Chun-feng Chai	
89	Proposed a Novel Group Scheduling Problem in a Cellular Manufacturing System	843
	Y. Gholipour-Kanani, N. Aghajani, R. Tavakkoli-Moghaddam and S. Sadinejad	
90	Regional Eco-Environment Optimization Based on Multiple Parallel Sub-Systems' Efficiency	855
	Li Wang and Ning Li	
91	Research on Brand Strategy to Small and Medium-Sized Enterprises.	865
	Xin-zhu Li	
92	Research on Information Mining About Priority Weight of Linguistic Judgment Matrix	873
	Cai-feng Li	
93	Research on the Project Hierarchy Scheduling for Domestic Automobile Industry.	883
	Peng Jia, Qi Gao, Zai-ming Jia, Hui Hou and Yun Wang	

94	SVM-Based Multi-Sensor Information Fusion Technology Research in the Diesel Engine Fault Diagnosis	891
	Jian-xin Lv, Jia Jia and Chun-ming Zhang	
95	The Purchase House Choice Research Based on the Analytic Hierarchy Process (AHP)	897
	Zhi-hong Sun, Lu Pan, Yan-yan Wang and Da-hu Zhang	
96	The Relations Tracking Method of Establishing Reachable Matrix in ISM	903
	Xue-feng He and Yue-wu Jing	
97	The Selection of the Regional Center City Under the Policy of Expanding Domestic Demand	913
	Jian-wei Cheng and Juan Shang	
98	A Research on Mine Pressure Monitoring Data Analysis and Forecast Expert System of Fully Mechanized Coal Face . . .	925
	Hong-bing Qiao, Hai-long Xu, Ao-shuang Pang, Chang-dong Zhou and Yi-lun Wang	
99	The U-Shaped Relationship Between Corporate Social Disclosure and Corporate Performance: Evidence from Taiwan's Electronics Industry.	935
	Chin-Shien Lin, Ruei-Yuan Chang and Van Thac Dang	
100	Empirical Study on the Five-Dimensional Influencing Factors of Entrepreneurial Performance	945
	Xin Lan	
101	A Multistart Local Search Heuristic for Knapsack Problem. . . .	957
	Geng Lin	
102	Heterogeneity of Institutional Investors and Investment Effects: Empirical Evidence from Chinese Securities Market	963
	Ying Jin	
103	Integer Linear Programming Model and Greedy Algorithm for Camping Along the Big Long River Problem	973
	Zhen-ping Li and Xiao-dong Huang	
104	Research on End Distribution Path Problem of Dairy Cold Chain	983
	Zhen-ping Li and Shan Wang	

105	Improved Evolutionary Strategy Genetic Algorithm for Nonlinear Programming Problems.	993
	Hui-xia Zhu, Fu-lin Wang, Wen-tao Zhang and Qian-ting Li	
106	Simulation and Optimization of a Kind of Manufacturing and Packing Processes	1005
	Chun-you Li	
107	Equilibrium and Optimization to the Unequal Game of Capital-Labor Interest	1015
	Ming-liang Wang and Yu Lu	
108	Innovative and Entrepreneurship Education in Underdeveloped Western Regions of China	1023
	Chang-jiang Lu, Yan Feng and De-wen Chen	
109	Network-Based Optimal Design for International Shipping System	1031
	Er-shi Qi, Lian-yu Zhu and Meng-wei Yu	
110	A Dynamic Analytic Approach to Study on the Interaction Between Product Innovation and Process Innovation of the Equipment Manufacturing Enterprises	1037
	Ting Wang, Ying Wang, Jing Liu and Yang Gao	
111	A Multi-agent Simulation System Considering Psychological Stress for Fire Evacuation.	1047
	Fan-xing Meng, Qin-lin Cai and Wei Zhang	
112	A Multi-Granularity Model for Energy Consumption Simulation and Control of Discrete Manufacturing System . . .	1055
	Jun-feng Wang, Shi-qi Li and Ji-hong Liu	
113	Analysis on System Archetype of High College and University Competitiveness Based on Hierarchical Structure	1065
	Li-qing Li and Ying-ting Yu	
114	Analysis on the Operation Effects of Logistics Park Based on BP Neural Network	1073
	Jun Luo	

115	Application of Ant Colony Algorithm on Secondary Cooling Optimization of Continuous Slab	1081
	Ji-yun Li and Hong-xing Pei	
116	Application of the Catastrophe Progression Method in Employment Options for Beijing, Shanghai and Guangzhou	1089
	Qun Yuan, Ting Chen and Yang Gao	
117	Cooperation Relationship Analysis of Research Teams Based on Social Network Analysis and Importance Measures.	1099
	Zheng-sheng Han and Zhi-qiang Cai	
118	Establishment of Construction Standard System Based on the Complex System Theory	1109
	Zhi Sun and Shou-jian Zhang	
119	Location Selection of Coal Bunker Based on Particle Swarm Optimization Algorithm	1121
	Qing-an Cui and Jing-jing Shen	
120	Mechanism of Firm's Response to Innovation Policy in Industrial Cluster: Based on Echo Model	1129
	Yong-an Zhang and Chen-guang Li	
121	Modeling and Simulation of Troubleshooting Process for Automobile Based on Petri Net and Flexsim.	1141
	Wei-zhen Liao, Kai-hu Hou, Yu-jie Zheng and Xiao-ling He	
122	Modeling and Simulation of Wartime Casualty Surgical Treatment.	1155
	Kai Zhang, Rui-chang Wu, Yun-dou Wang, Xiao-feng Zhang and Hai-jian Du	
123	Modeling of Shipboard Aircraft Operational Support Process Based on Hierarchical Timed Colored Petri-Net	1167
	Ting Wang, Bo-ping Xiao, Lin Ma and Yan-kun Tian	
124	Modeling and Simulation of a Just-in-Time Flexible Manufacturing System Using Petri Nets	1179
	Yue Cui and Yan-hong Wang	

125	Numerical Simulation of External-Compression Supersonic Inlet Flow Fields.	1187
	Ping Wang, Hong-wei Wang, Si-dong Wei, Xue-shan Liu, Qing-guo Zhang and Xin Hua	
126	Ontology-Based Multi-Enterprise Heterogeneous Model Fusion Method	1195
	Hong-xiu Wang	
127	Outpatient Scheduling in Highly Constrained Environments: A Literature Review	1203
	Xiao-dan Wu, Mohammad T. Khasawneh, Juan Hao and Zhan-ting Gao	
128	Realization of 3D Reconstruction of CAD Model Based on Slicing Data	1215
	Ming Li and Quan-qing Li	
129	Recommender System Based “Scenario-Response” Types Post-Disaster Emergency Supplies Planning	1225
	Gang Kou, Xin Zhao and Daji Ergu	
130	Research on the Simulation Case of Traffic Accident	1235
	Chao Wei, Xiang Gao and Miao-xin Nie	
131	Regional Brand Development Model Under the Perspective of System Theory	1241
	Lai-bin Wang	
132	Research on Bayesian Estimation of Time-Varying Delay.	1251
	Meng Wang, Ying Liu and Ji-wang Zhang	
133	Research on Design and Analysis Platform for Modular Spacecraft.	1263
	Xiao-wen Zeng, Zhao-xia He and Hao Luo	
134	Research on H-Point of Driver Based on Human Physical Dimensions of Chinese People	1273
	Lin-lin Sun, Fan-sen Kong, Duo-nian Yu, Bao Lan and Xiang-bei Wang	
135	Research on Modeling Framework of Product Service System Based on Model Driven Architecture.	1283
	Xin-zhi Zhao and Xin Cai	

136	Research on the Civil Aircraft Customer Service System Simulation Based on SD Model	1291
	Jun Xu and Cui-xia Bi	
137	Research on the Modeling Method of Wargaming for Equipment Support on Computer	1301
	Xiao-ming Du, Gui-qi Wang, Ping Gu and Lu Gao	
138	Risk Sharing Proportion of Cooperation Between the Banks and Guarantee Agencies Based on Elman Neural Network.	1309
	Jun Liang and Qiang Mei	
139	Simulation Analysis on Effect of the Orifice on Injection Performance.	1317
	Yu-lan Li, Xiang-bi An and Da-hai Jiang	
140	Simulation and Optimization Analysis of a Wharf System Based on Flexsim	1325
	Na-qing Lin and Xiao-yan Zhai	
141	Simulation Design of Piezoelectric Cantilever Beam Applied on Railway Track	1335
	Hui Zheng and Fengjing Zheng	
142	Simulation of Scenic Spots Dynamic Pricing Based on Revenue Management	1345
	Zhi-ping Duan, Shu-lian Yang and Fu-ping Zhang	
143	Study of Adaptive Noise Cancellation Controller	1353
	Cui-jian Zhao and Su-jing Sun	
144	Study of Cost-Time-Quality in Project Failure Risk Assessment Based on Monte Carlo Simulation	1361
	Xing Pan and Zi-ling Xin	
145	Study on Innovation and Practice of Independent Auto Companies Lean Digital Factory Building	1369
	Yu-chun Wang, Li-fang Wang, Ze-yong Xu, Zhen-kui Li and Feng-qi Wang	
146	The Application of Kernel Estimation in Analysis of Crime Hot Spots.	1379
	Yan-yan Wang, Zhi-hong Sun, Lu Pan, Ting Wang and Da-hu Zhang	

147	The Research of Full-Bridge and Current Double Rectifier Switched-Mode Power Supply for Vehicle	1387
	Yi-lin Yin, Rui-peng Chen and Xi-ming Cheng	
148	The Research of Industrial Optimization of Beijing CBD Ribbon Based on Fitness Function Mode	1401
	Youliang Zhang and Gang Zong	
149	A Study on the User Acceptance Model of SNS Websites Based TAM	1409
	Dan Jin and Mei-mei Zhou	
150	Augmented Reality Based Factory Model Comparison Method	1421
	Wei-wei Sun, Jian-feng Lu and De-zhong Li	
151	An Evaluation Method Based on Cloud Model for the Credit of High-Tech SMEs	1427
	Guo-qiang Zhou, Xue-qing Wang, Rui Liu and Li-guo Sun	
152	The Structural Optimum Design of Erected Circular Medicine-Chest Based on Non-Intervention Motion	1437
	Zhi-qiang Zhang, Chao Yun, Xiang-quan Liu and Li-yong Wang	
153	Application of Noise Estimator with Limited Memory Index on Flexure Compensation of Rapid Transfer Alignment.	1447
	Wei-dong Zhou and Yu-ren Ji	
154	A Cumulative SaaS Service Evolution Model Based on Expanded Pi Calculus	1457
	Jun He, Tong Li and De-hai Zhang	
155	Permanence and Extinction of Periodic Delay Predator-Prey System with Two Predators and Stage Structure for Prey	1469
	Wei-wei Zheng and Er-dong Han	
156	Design of Military Logistics Management System Based on Internet of Things Technology	1481
	Xue-jiang Wei, Jian-fei Feng, Shao-juan Feng and Yu-zhu Zhai	
157	Simulation and Optimization of the Steel Enterprise Raw Material System	1489
	Lin-wei Xu, Pei-qing Wang, Shang-lun Chen and Xing-li Zhong	

158	Comprehensive Evaluation and Optimizing for Boarding Strategies	1499
	Da-wei Sun, Xia-yang Zheng, Zi-jun Chen and Hong-min Wang	
159	Modeling for Crime Busting	1507
	Da-wei Sun, Xia-yang Zheng, Zi-jun Chen and Hong-min Wang	
160	Personalized Emotion Model Based on Support Vector Machine	1519
	Jin-bin Wu and Wan-sen Wang	
161	Research on Decision-Making Behavior Test System for Top Management Team Based on Simulation Environment.	1527
	Xue-ying Hong, Zhu-chao Yu, Zhu Wang and Yang Jiang	
162	An Exploratory System Dynamics Model of Business Model Evolution	1535
	Xiao-lin Shao and Ju-wei Shi	
163	An Empirical Study on the Influence of Independent Directors on Fund Performance in China Fund Management Company	1545
	Tiao-yan Hui and Fei-lan Lu	
164	Research on Optimal Enterprise Contribution of Hunan Province Based on OLG Model	1557
	Ni Yang	
165	Comprehensive Experiment Design of Production Logistics Based on CDIO	1567
	Ying-de Li and Xiu-ju Lan	
166	Improved Grey Forecasting Model for Taiwan's Green GDP Accounting	1575
	Shin-li Lu, Ching-I Lin and Shih-hung Tai	
167	Simulation Research of the Fuzzy Torque Control for Hybrid Electrical Vehicle Based on ADVISOR	1585
	Bo-jun Zhang, Yu Wang and Jia-tian Guo	
168	Vulnerability Analysis and Assessment System of Natural Disaster	1593
	Jiang Shen, Jing Huang, Tao Li and Man Xu	

169	Application of Actuarial Model in the Forecast of Maternity Insurance Fund's Revenue and Expenditure: A Case Study of Tianjin	1601
	Li-ping Fu, Jun Liu, Xue-zhen Chu and Jin-li Fan	
170	Study on Process Reengineering of Medium and Small Coal Machine Manufacture Enterprises.	1611
	Jing-wen An and Zhi-qiang Zhang	
171	The Increase and Decrease Connecting Potential Analysis on Urban and Rural Residential Land of Tianjin.	1623
	Guo-bin Lin and Shuo Hao	
172	Study on Re-Evaluation of Technological Innovation Efficiency Based on the C²R Improvement Model in Zhongguancun High-Tech Enterprises	1637
	Jing-wen An, Sen Zhang and Guang-lin Sui	
173	Research on the Strategic Management of Small and Medium Enterprises in China.	1649
	Xin Zhu and Ying Li	

The 19th International Conference on Industrial
Engineering and Engineering Management
Assistive Technology of Industrial Engineering
Qi, E.; Shen, J.; Dou, R. (Eds.)
2013, XXI, 1658 p. 419 illus., Softcover
ISBN: 978-3-642-38390-8