

Contents

Part V Supply Chain Management

- 66 On Effectivity of Delays in Queuing Systems 773**
Asaf Hajiyevev, Farah Ahmadzada and Irada Ibadova
- 67 Rough Approximation Based Decentralized Bi-level Model for the Supply Chain Distribution Problem 787**
Zhimiao Tao, Yuan Wang, Zhibin Wu and Jinwei Hu
- 68 The Selection of Supply Chain Strategic Partners 801**
Hongchun Wang and Yimiao Lv
- 69 A Coordination-based Two-stage Algorithm for Pickup and Delivery of Customers to Airport 815**
Zhengzheng Xu and Jiafu Tang
- 70 Research on the Supply Chain Coordination of the Buyback Contract Based on Sales Effort 827**
Guorui Jiang and Juanyu Liu
- 71 Supply Chain Contract: Informed Manufacturer (Principal) and Risk Undertake 839**
Hongmei Guo, Pingping Wang and Xianyu Wang
- 72 Evaluation on the Risk of Supply Chain Basing on the RS and the Principal Component in the Real Estate Enterprises 847**
Rongsheng Lv and Yijie Liu
- 73 Influence of Hospital's Internal Service Quality to Staff Loyalty-in the Case of West China Hospital's Outpatient and Emergency Department 855**
Zhuoying Li, Weiping Yu, Guimin Duan and Sihuan Liu

74 The Elements of Supply Chain Management in New Environmental Era	867
Hua Wen and Qianling Gu	
75 Contracting to Share Bilateral Information in Supply Chain	881
Xinhui Wang and Xianyu Wang	
76 A Closed-loop Supply Chain Network Equilibrium Model with Multi-criteria and Stochastic Demand	893
Bing Xu and Kun Jiang	
77 Sustainable Development-Oriented Supply Chain Management for Tourism E-commerce	905
Lei Xu and Yanfei Deng	
78 Demand Disruption Risks as Opportunity Costs in JIT Supply Chain Coordination	915
Kurt A. Masten and Avijit Banerjee	
79 Logistics Distribution Centers Location Problem under Fuzzy Environment	927
Muhammad Hashim, Liming Yao, Abid Hussain Nadeem, Muhammad Nazim and Muhammad Nazam	
80 The Entropy Mechanism of Organization Knowledge Governance Based on Value Chain	941
Xuebing Xiong and Xiaoping Li	
81 Trade-offs among Lean, Agile, Resilient and Green Paradigms in Supply Chain Management: A Case Study Approach	953
Helena Carvalho, Susana Azevedo and Virgílio Cruz-Machado	

Part VI Project Management

82 Net Zero: Rational Performance Targets for High Performance Buildings	971
Charles J. Kibert and Ravi Srinivasan	
83 A Framework to Explore Energy Saving Measures During Construction Phase	987
Abdol R. Chini and Sandeep Shrivastava	
84 Conflict Types and Innovative Work Behavior: Exploring a New Path	1001
Rabia Imran, Arshad Zaheer, Afsheen Fatima and Muhammad Asif Khan	

85	The Exact Solutions to Analytical Model of Tsunami Generation by Sub-Marine Landslides	1009
	Zehra Pinar, Ekin Deliktaş and Turgut Öziş	
86	Impact of Work-life Balance on Employees Productivity and Job Satisfaction in Private Sector Universities of Pakistan	1019
	Asif Kamran, Shuana Zafar and Syed Nayyer Ali	
87	Research on Risk Control of Human Resources Outsourcing in Private Enterprise	1031
	Yihua Wang and Xiaosu Zheng	
88	The Information Efficiency of Stock Index Futures in China	1041
	Qianwei Ying and Ziyang Liang	
89	Market Reaction to Repurchase Announcement-A Study for UK 2010-2011 Stock Market Reaction	1051
	Yong Zheng and Rui Gong	
90	Strategic HRM Practices in Roche Pharmaceuticals, Pakistan	1067
	Nadeem A. Syed, Farooq A. Cheema, Asif Kamran and Noman Khalid	
91	Manager Power and Decision of Capital Expenditure: Empirical Research from China's Securities Market	1079
	Jing Xu	
92	The Driving Force of University Patent Transaction: Evidence from Twenty-six Provinces of China	1095
	Ningjing Zhang, Xin Gu and Yuandi Wang	
93	The Exploration of Risk Management Issues for Leisure Sports	1107
	Ming Xu and Lei Xu	
94	Use a Balanced Scorecard to Evaluate Business Processes of Sichuan Electric Power Company	1115
	Yanfang Ma	
95	Impact of Demand Nature on the Bullwhip Effect. Bridging the Gap between Theoretical and Empirical Research	1127
	Juan R. Trapero, Fausto P. García and N. Kourentzes	
96	Impact of Human Resources Practices upon Turnover and Productivity in the Banking Sector of Pakistan	1139
	Nadeem A. Syed, Farooq A. Cheema, Asif Kamran and Hira Khalid	
97	On the Actuarial Simulation of the General Pareto Distribution of Catastrophe Loss	1153
	Xiaojun Pan and Chengyi Pu	

- 98 Solving Unit Commitment Problem with Parallel Computing**1165
Mikhail Sher and Avijit Banerjee

Part VII Ecological Engineering

- 99 The Evaluation of Circular Economy Development for Coal Resources City Based on Material Flow Analysis**1177
Dianming Geng and Xiaolu Song
- 100 A Study on Public Satisfaction with Urban-rural Integration by Structural Equation Modeling (SEM)**1185
Rong Huang and Jun Wang
- 101 Evaluation of Agricultural Modernization Based on Maximizing Deviation and GMDH**1195
Yue He, Weiru Deng and Lili Zhang
- 102 An Empirical Study of the Technological Innovation Cooperation Performance between the Resource-based Enterprises**1207
Guichuan Zhou
- 103 Determinants of Gold Prices in Pakistan**1219
Asif Kamran, Shumaila Israr and S. M. Ahsan Rizvi
- 104 A Dynamic Optimal Management on Economic Energy Efficiency in Developing Countries**1229
Dong Wang and Kan Tao
- 105 Research on Partner Selection for Technology Innovation Alliance in Knowledge Perspective**1241
Qifeng Wei and Xin Gu
- 106 Strategic Development of Beibu Gulf Economic Zone of Guangxi: From the Perspective of Low Carbon Economy**1251
Xiaoguo Xiong and Yongjun Tang
- 107 Rescue System Construction for Sports Leisure and Outdoor Sports in Sichuan Province**1261
Ming Xu
- 108 Application of RFID Based Low-carbon Scenic Integrated Management System in Jiuzhaigou Area**1269
Maozhu Jin, Di Zheng and Peiyu Ren
- 109 Improving Competitive Level of Elite Woman Tennis Doubles Players in China**1281
Qing Liu and Ying He

110 Low-carbon Economic Structure Evolution for Sustainable Development of Western China	1291
Yanfei Deng and Lei Xu	
111 Applying STIRPAT Model to Identify Driving Factors of Urban Residential Building Energy Consumption: A Case Study of Chongqing in China	1299
Yahui Zhu and Weiguang Cai	
112 Birth and Death: Modeling Optimal Product Sampling over Time for Nondurables	1311
Wei Lu, Bing Han and Zhineng Hu	
113 A Decision Making Analyzing Mode for Opportunity Factors from Major Environmental Risks in an Enterprise's Sustainable Innovation Process	1325
Yujiao Shi, Yunlong Duan and Gang Xiang	
114 A Study on Determinants of Unemployment in Pakistan	1337
Asif Kamran, Sobia Shujaat, Nadeem A. Syed and Syed Nayyer Ali	
Part VIII Industrial Engineering	
115 The Travelling Wave Solutions of the Active-dissipative Dispersive Media Equation by $\left(\frac{G'}{G}\right)$-expansion Method	1351
Refet Polat and Turgut Öziş	
116 Industry Competitiveness Evaluation Based on RCA and Information Entropy	1359
Mei Han, Dan Zhang and Yue He	
117 Power Generation Capacity and Its Investment Requirements in Pakistan for Twenty Years (2011-2030)	1371
Nadeem A. Syed, Akbar Saeed and Asif Kamran	
118 The Effect of CNH Market on Relationship of RMB Spot Exchange Rate and NDF	1387
Chuyang Kou and Liuliu Kong	
119 From "Control" to "Serve": Brand-construction of Public Service of CII	1395
Ying Zheng	
120 The Fuzzy Time-Cost-Quality-Environment Trade-off Analysis of Multi-mode Construction Systems for Large-scale Hydroelectric Projects	1403
Huan Zheng	

121 Firm Heterogeneity and Learning by Technology In-Licensing: Empirical Evidence from China	1417
Yuandi Wang, Xin Pan, Jiashun Huang, Xuanjin Chen, Nadine Rojakkers and Wim Vanhaverbeke	
122 The Correlation Evaluation and Composite Industry Chain Research Between Jiangsu Marine and Land Industry	1431
Qian Hui, Guojun Zhu and Hua Fan	
123 Efficient Subset Selection in Large-Scale Portfolio with Singular Covariance Matrix	1443
Chunfu Jiang	
124 The Study on Strategic Alliances Risk Control: An Analytical Framework	1455
Yan Guo, Qiang Zhang and Bin Guo	
125 An Improved SA-based BP-ANN Technique for Annual Runoff Forecasting under Uncertain Environment	1467
Qirui Liu	
126 Joint Purchasing Decisions Based on the Shortage Cost of the Automotive Industry	1475
Rui Wang and Yue Shen	
127 Market Entry Barriers in China's Industrial Markets	1487
Yongge Niu and Fumin Deng	
128 On the Key Factors for Firms' Sustainable Growth — A Perspective Based on “Industrial Strategic Inflection Point” and Resource-based View	1499
Changyi Zhao, Xiaowen Jie and Xin Gu	
129 Multi-objective Dynamic Layout Problems for Unequal-area Workshop Facilities Based on NSGA-II	1511
Xiaoling Song, Yusheng Wang and Cuiying Feng	
130 Applied Graph Theory & Topology for 3 Phase Power System Under Faulted Studies	1521
Tedja Santanoe Oepomo	
Author Index	1541