

46th Decision Sciences Institute Annual Meeting 2015

Decision Sciences in the 21st Century:
Theoretical Impact and Practical
Relevance

Seattle, Washington, USA
21-24 November 2015

Volume 1 of 3

ISBN: 978-1-5108-2012-8

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2015) by Decision Sciences Institute
All rights reserved.

Printed by Curran Associates, Inc. (2016)

For permission requests, please contact Decision Sciences Institute
at the address below.

Decision Sciences Institute
University of Houston
C.T. Bauer College of Business
334 Melcher Hall, Suite 325
Houston, TX 77204-6021
USA

Phone: 713-743-4815

Fax: 713-743-8984

info@decisionsciences.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

VOLUME 1

| | |
|--|-----|
| Business Information Systems Curriculum: A Proposal | 1 |
| <i>Mehdi Sagheb-Tehrani</i> | |
| Integrating Green Supply Management Practices in a Supply Chain Planning Model | 14 |
| <i>Kanchan Das, Mahboob Rahman</i> | |
| An Analysis of the Effects of Global Sourcing Practices on Ethical Consumption in the United States | 31 |
| <i>Robert Bregman, Xiaosong Peng</i> | |
| Exploring the Role of Buyer-Supplier Relationship and Organizational Culture in Supplier Social Compliance | 38 |
| <i>Muhammad Shakeel Sadiq Jajja, Muhammad Asif, Kamran Ali Chatha, Frank Montabon</i> | |
| A Decision-Tree-Based Classifier for Credit Assessment Problems Under a Big Data Environment | 47 |
| <i>Ching-Chin Chern, Weng U Lei, Shu-Yi Chen</i> | |
| Analytics in Healthcare: Technology Alone is Not Enough! | 57 |
| <i>Marcos Paulo Valadares De Oliveira, Salma Haidar, Kevin McCormack, Claudia Xavier Cavalcanti</i> | |
| Determining Strategic Incentives for Attracting Outsourcing: A Model for Host Entities | 75 |
| <i>Qiannong Gu, Thawatchai Jitpaiboon, John Wang</i> | |
| The Study Toward a Measure of Competitive Priorities: Meta-Analysis | 80 |
| <i>Thawatchai Jitpaiboon, Qiannong Gu, Dothang Truong</i> | |
| Arguing the Value of Product Quality Signaling in the Presence of Negative Publicity | 86 |
| <i>Quey-Jen Yeh, Tai-Ping Chang</i> | |
| Biases in Future-Oriented Delphi Studies: A Cognitive Perspective | 104 |
| <i>Jens Winkler</i> | |
| Scaling up Student Assessment: Issues and Solutions | 139 |
| <i>Paul J. A. Van Vliet</i> | |
| In-House or Outsource: Strategic Decision for Healthcare Revenue Cycle Management | 158 |
| <i>Mehmet C. Kocakulah, Jeffrey McGowan</i> | |
| A Fixed Effects Panel Analysis of Service Design Links to Operational Profitability | 175 |
| <i>David West, Scott Dellana</i> | |
| Does Market Respond to Firm’s Short-term Earnings’ Growth Rate and/or Earnings Change Besides the Meet or Beat Expectation Benchmark? | 201 |
| <i>Yuanlong He</i> | |
| How Espoused Cultural Values Affect Smartphone Users in China? | 223 |
| <i>June Lu, June Wei, Chun-Sheng Yu</i> | |
| A Sensitivity Analysis in Supply Chain Management with Demand Uncertainty | 232 |
| <i>Qiannong Gu, Sushil K Sharma</i> | |
| 3D Printing in Logistics | 239 |
| <i>Dara Schmiederjans</i> | |
| Knowledge Management and Service Quality Capabilities for Performance: An Empirical Study of Logistics Service Providers | 251 |
| <i>Simon Yuen, Ivy S. N. Chen, Patrick K. O. Fung</i> | |
| Building Resilient Business Models for Domestic Advantage and Global Competitiveness: Case of Indian Global Firms | 261 |
| <i>Nitya Singh; Paul Hong</i> | |
| The Mediating Role of Perceived Knowledge Update in an ERP Simulation Game | 278 |
| <i>Mehdi Darban, Hongyan Liang, Dong-Heon Kwak, Mark Srite</i> | |
| Testing the Moderation Effects of Governance Mechanisms on Strategy, Structure/Processes and Performance in Hospitals | 294 |
| <i>David D Dobrzykowski, Kathleen L. McFadden, Mark Vonderembse</i> | |
| Stakeholder Quality Management in Open Government Information Technology Projects | 302 |
| <i>Malcolm Joseph, Mahesh Raisinghani, Fen Wang, Xinbao Wang</i> | |
| A Literature Review of Remanufacturing Production Planning and Control | 312 |
| <i>Roger Gagnon, Shona Morgan</i> | |
| Cybersecurity and E-commerce Risks: A Model Framework for Small Businesses | 346 |
| <i>Mayur Desai, Kamala Raghavan</i> | |
| The Effects of Internal Marketing on Market Orientation and Its Antecedents: A Hierarchical Linear Model | 355 |
| <i>Eldon Y. Li, Kiekang Chao, Chia-Chang Liu</i> | |
| DEA Environmental Assessment for Social Sustainability on European Nations and North America | 360 |
| <i>Yan Yuan, Toshiyuki Sueyoshi</i> | |
| Training and Forecasting the S&P 500 on an Annual Horizon: 2004 to 2015 | 374 |
| <i>Mary Malliaris</i> | |
| A Portfolio Optimization Model for Investment Planning in the Department of National Defence and Canadian Armed Forces | 384 |
| <i>Mark Rempel, Chad Young</i> | |
| Role of Corporate Disclosure Practices on Firms Performance | 409 |
| <i>Sidhartha S. Padhi, Vijay Aggarwal</i> | |

| | |
|--|-----|
| Development and Assessment of Soft Skills in Business Schools: A Case Study | 420 |
| <i>Tobin Porterfield, Quincy Johnson, Bob Graham, Dmitriy Nesterkin, Xiaolin Li</i> | |
| Instrument for an Empirical Information-Theoretic Model of Value Distortion in IT Innovations | 431 |
| <i>Suvankar Ghosh, Anja Baumgarten</i> | |
| Gambling and Sport – Spot Fixing: It’s Just Not Cricket! | 449 |
| <i>John Davies, Nathalie Weerasundara, Sajeem Sheik, Chandni Patel, Kajal Patel</i> | |
| Carbon Reporting As an Extension of Sustainability Accounting Rules | 469 |
| <i>Seleshi Sisaye</i> | |
| Application of Cognitive Load Theory in Programming Teaching | 475 |
| <i>Xiaoqing Li</i> | |
| Relationship between Culture, Work Method, Self-efficacy, and Performance: A Comparison of the United States and the People’s Republic of China | 486 |
| <i>Cha-Jan Chang, Gholamreza Torkzadeh, Zhi Xiao, Honghui Deng</i> | |
| An Empirical Analysis of Patient Safety Culture and Hospital Performance Using the AHRQ Survey on Patient Safety Culture | 507 |
| <i>Gregory Stock, Kathleen L. McFadden</i> | |
| Coordination Mechanisms in Supply Chain under Asymmetric Quality Information | 523 |
| <i>Pin Zhuang, Jye-Chyi Lu</i> | |
| Optimizing Advance and Spot Selling Prices of Service Capacity in a Monopolistic Market | 529 |
| <i>Hongkai Zhang, Hani I Mesak, Jiehui Ma</i> | |
| High Deductible Health Plans and Health Savings Accounts: Potential Problems for Taxpayers, Opportunities for Policy Makers | 539 |
| <i>Sheldon Smith</i> | |
| Does the Environmental Turbulence Matter? The Role of Organizational Inertia and Network Relationships on Firms’ Entrepreneurial Orientation | 545 |
| <i>Ming-Chao Wang, Pei-Chen Chen, Shih-Chieh Fang</i> | |
| Dimensionality and Relevance of Maintenance Performance Measures | 560 |
| <i>Carlos F. Gomes, Mahmoud Yasin, Jorge M. Simões</i> | |
| Personalized Medicine and Stakeholders’ Perceptions | 571 |
| <i>Adaeze Aroh, Teuta Cata</i> | |
| Specialization, Slack Orientation, and Adaptive Capacity in Uncertain Environments | 579 |
| <i>Matthew Ford</i> | |
| An Automated Decision Support System for Sensor-Based Irrigation Scheduling | 596 |
| <i>Sandip C. Patel</i> | |
| Digital Strategy Repertoire and Competitive Performance in Online Retailing | 605 |
| <i>Bhavik K Pathak, Murali Chari, Sarv Devaraj</i> | |
| Improving Emergency Response Performance: Contingency Effects of Environmental Uncertainty | 620 |
| <i>Monique L French, Ying Fan, Rebecca Duray, Gary Stading</i> | |
| The Study of Managerial Practices, Mass Customization, and Organizational Performance | 639 |
| <i>Wai Kwan Lau</i> | |
| A Study on Organizational Adjustments Due to Green IT | 650 |
| <i>Lufus Sayeed, Alberto Onetti, Marco Talaia</i> | |
| Including Genocide in Corporate Social Responsibility | 659 |
| <i>Maling Ebrahimpour, Rebecca Lee Harris</i> | |
| Gender and Usage Motive Differences in Social Media Usage Behavior | 671 |
| <i>Jeen-Su Lim, Kee-Sook Lim, John Heinrichs</i> | |
| Determinants of Consumers’ Participation in Online Virtual Communities | 678 |
| <i>Jeen-Su Lim, John Heinrichs, Kee-Sook Lim</i> | |
| What Promotes the Adoption of Social Media in the Teaching of IS/ICT and What Constrains It? - Students’ Perspective | 684 |
| <i>Kerstin Siakas, Pekka Makkonen, Elli Georgiadou, Harjinder Rahanu</i> | |
| Exploring the Relationship between Quality Management Practices, and Organizational Culture: A Cultural Fit Perspective | 691 |
| <i>Canchu Lin, Anand Kunnathur</i> | |
| The Explicit Impact of the Choice of Product Architecture on the Design of Global Operations Networks | 704 |
| <i>Sebastian Pashaei, Jan Olhager</i> | |
| Supply Chain Information Sharing: Who Does It Benefit More? | 723 |
| <i>Zhaojun Han, Baofeng Huo, Yi Yang, Xiande Zhao</i> | |
| Using Social Media to Improve Entrepreneurial Customer Interactions, Customer Capital and Business Performance | 743 |
| <i>Yan Jin, Erika Marsillac</i> | |
| What Drives Social Network Sites Penetration and Adoption? A Cross Country Analysis | 756 |
| <i>Jie Zhang, Xianghua Wu, Godwin Udo, Kallol Bagchi</i> | |

VOLUME 2

| | |
|--|-----|
| Social Media Management Strategies and Service Operations | 771 |
| <i>Run Niu, Ying Fan</i> | |

| | |
|---|-------------|
| A Quasi-Experimental Study Comparing Smart Phone Keyboard Layouts..... | 786 |
| <i>Mary L. Lind, Micheal S. Geary</i> | |
| Towards a Method for Calculating Detectability Score for a Supply Chain Risk: A Fuzzy TOPSIS and Fuzzy AHP Approach | 821 |
| <i>Sayan Mukherjee, T. A. S Vijayaraghavan, Rajiv Misra</i> | |
| The Development of Habits and Moral Reasoning: Moral Decision Making Through the Lens of Neurobiology’s ‘Chunked’ Routines..... | 842 |
| <i>Karen Eboch</i> | |
| Evaluating the Strategic Alignment of Supply Chain Integration and Electronic Commerce Use and Its Impact of Organizational Benefits: A Covariation Analysis..... | 853 |
| <i>Carlo Mora-Monge, Sergio Palacios, Marvin Gonzalez, Joshua Davis, Gioconda Quesada</i> | |
| Tradeoff Between Auction Duration and Revenue..... | 865 |
| <i>Zhen Li, Jinfeng Yue; Ching-Chung Kuo</i> | |
| Anchored Decisions in Multi-Factor Decision-Making: A Comparison of the Analytic Hierarchy Process and Choosing by Advantages..... | 870 |
| <i>Richard Jenson</i> | |
| The Effect of Ambiculturalty on Innovation and Firm Performance | 887 |
| <i>Yousef Abdulsalam, Jie McCardle, Dennis Krumwiede, Thomas Kull</i> | |
| A Genetic Algorithm Approach to Solve an Agricultural Planning Problem Considering the Effect of Greenhouse Gas Emission | 910 |
| <i>Rabin K Jana, Dinesh K. Sharma, Bidushi Chakraborty</i> | |
| A Hybrid Model For Stock Prediction | 916 |
| <i>Si Yan; Yanliang Qi</i> | |
| A Hierarchical Approach to Supply Chain Risk Management..... | 921 |
| <i>Xiaofeng Zhao</i> | |
| Towards a Contingent Understanding of the Operational Characteristics and Managerial Challenges of Professional Services: A Sector-specific Study of US Management Consultancy | 931 |
| <i>Matthew Walsman, Rohit Verma, Alistair Brandon-Jones, Michael Lewis</i> | |
| Project Management and Knowledge Acquisition: Highlighting Process Losses in Meeting and Between Meeting Activities | 961 |
| <i>Deanna M. Kennedy, Meghann L. Drury-Grogan</i> | |
| The Relationship Between JIT, SCI and Performance: An Integrated Perspective..... | 984 |
| <i>Chen Liu, Baofeng Huo, Xiande Zhao</i> | |
| SEM-Neural Network Modeling to Predict the Mobile Commerce Adoption in Oman | 999 |
| <i>Sujeet Kumar Sharma, Srikrishna Madhumohan Govindaluri, Rajan Yadav</i> | |
| Analyzing the Structure of Production Control for a Responsible Supplier | 1008 |
| <i>Li-Ming Chen</i> | |
| Interplays of Open Innovation, Dynamic Capabilities, and Environmental Dynamism..... | 1026 |
| <i>Colin C. J. Cheng, Yongmei Xu, Chwen Sheu</i> | |
| R&D and Market Performances in a Three-Stage Supply Chain | 1045 |
| <i>Seung Ho Yoo, Yongwon Seo</i> | |
| Lean Implementation in Educational Institute – A Study Based on Action Research Methodology | 1058 |
| <i>Gopalakrishnan Narayanamurthy, Anand Gurumurthy</i> | |
| Determining the Relative Importance of Spectator Needs and Stadium Attributes for Soccer Stadium Using Entropy Method..... | 1095 |
| <i>Srikrishna Madhumohan Govindaluri, Sujeet Kumar Sharma</i> | |
| An Agency Theory Perspective on Risks in Service Triads..... | 1101 |
| <i>Sourav Sengupta, Tarikere Tulasidas Niranjan, Mohan Krishnamoorthy</i> | |
| Employing the Principles of Lean Manufacturing to Improve New Product Development..... | 1112 |
| <i>Mohammad Meybodi</i> | |
| Conceptual Data Vault Modeling and its Opportunities for the Future | 1127 |
| <i>Aarthi Raman, Teuta Cata</i> | |
| The Underlying ScooB Processes: Knowledge Mapping and Micro Analysis | 1137 |
| <i>Theodore J. Randles, William Miller, Lutfus Sayeed</i> | |
| How Online Marketplace Sellers’ Manipulation Influence Buyers’ Evaluations?..... | 1149 |
| <i>Eugenia Huang, Shu-Chiung Lin, I-Ting Hsieh</i> | |
| An Examination of the Behavior of Weekly Stock Prices of Fortune 500 Firms and S&P Small Cap 600 Firms | 1165 |
| <i>Young Kim, Edward L Davis, Charles T Moses</i> | |
| Supply Uncertainty and Firm Economic Performance in Developing Economy Environments: Examining the Role of Buyer-supplier Relationships..... | 1190 |
| <i>Kwasi Amoako-Gyampah, Kwabena Gyasi Boakye, Samuel Famiyeh, Ebenezer Adaku</i> | |
| Benchmarking Supply Chain Collaboration using Data Envelopment Analysis | 1201 |
| <i>Shikha Aggarwal, Manoj Srivastava; Vijay Aggarwal</i> | |
| A Delphi Study of RFID Adoption Trends in Retail | 1214 |
| <i>Mithu Bhattacharya, Gregory Ulferts, Terry Howard</i> | |
| Users Participation in Social Media Based Brand Communities: A Dynamic Perspective | 1222 |
| <i>Xiaoyun He, Feng Zhang, Arash Negahban</i> | |
| A Study of Trends and Research in Mobile Apps: Demand, Supply, and Value Creation..... | 1229 |
| <i>Xiaoyun He, Forrest W. Holifield, David Ang</i> | |

| | |
|---|------|
| Managing Multiple Consulting Projects: A Multi-level Application of the Demand-Based Approach | 1237 |
| <i>Daniel Bumblauskas, Sarah Rosol, Paul Bumblauskas</i> | |
| An Empirical Investigation into the Factors Influencing the Adoption of Cloud Computing Technologies | 1256 |
| <i>Thiagarajan Ramakrishnan, Louis Ngamassi, Shahedur Rahman</i> | |
| A Conceptual Model of Global New Product Adaptation and Development | 1265 |
| <i>Qi Zou, Jeen-Su Lim</i> | |
| Students' Perception of a Blended Learning Environment | 1273 |
| <i>Tuncay Bayrak, Bahadir Akcam</i> | |
| Mobile Users' Perception and Adoption of Biometric Authentication | 1283 |
| <i>Sun Gi Chun, Dalsang Chung</i> | |
| Apply Total Quality Management (TQM) in Organizational Information Security Management | 1289 |
| <i>Liqiang Chen, Xiaofeng Chen</i> | |
| The Mediating Role of Change-Specific Cynicism in Relationship between Employees' Change Perceptions and Turnover Intentions | 1296 |
| <i>Anju Mehta</i> | |
| The Relationship between Sustainability Management, Social Sustainability Performance, Sustainability Reputation and Financial Performance of US Firms: An Empirical Examination | 1311 |
| <i>Robert Sroufe, Venugopal Gopalakrishna-Remani</i> | |
| The Effect of Corporate Social Responsibility Strengths and Concerns on Financial Performance: MNEs vs. U.S. Domestic Firms | 1339 |
| <i>Albi Alikaj, Cau Ngoc Nguyen, Efrain Medina</i> | |
| Sharing Medical Process Knowledge Among Physicians in the Same Specialty Practice Group to Improve Healthcare Delivery | 1349 |
| <i>Yulong Li, John Lowe</i> | |
| Relationship between Operational Efficiency and Financial Performance of Indian Banks: An Application of Analytics | 1356 |
| <i>Ramachandran Natarajan, Ravi Jain, Bhimaraya Metri</i> | |
| Eroding Business Communication Skills among B-Students: Causes, Effects, and Solutions to Consider | 1387 |
| <i>Seth Powless, Yuan Wang, Terribeth Gordon Moore</i> | |
| Beyond Formal Training and Development: The Effect of Perceived Organizational Support for Development | 1398 |
| <i>Cau Ngoc Nguyen, Jacqueline Mayfield, Milton Mayfield</i> | |
| The Mediating Role of ERP-enabled Application Integration on ERP Benefit | 1415 |
| <i>Joseph K Nwankpa, Yaman Roumani</i> | |
| The Impact of Hostile Environment Sexual Harassment Ubiquity and Frequency on Attitude towards Absenteeism and Actual Absenteeism | 1434 |
| <i>Albi Alikaj, Prity Patel, Jacqueline Mayfield, Milton Mayfield</i> | |
| A Road Map to Nigeria's Entrepreneurial Greatness | 1450 |
| <i>Frank Alaba Ogedengbe, Donald O. Ewanlen, Esther Ogedengbe</i> | |
| Reshoring and Insourcing: Drivers and Future Research Directions | 1464 |
| <i>Kai Foerstl, Jon Kirchoff, Lydia Bals</i> | |
| Do Operationally Efficient Hospitals Show Better Financial Performance? | 1496 |
| <i>Dinesh Pai, Hengameh M Hosseini</i> | |
| MOOCs: The Enduring Importance of "Teacher Presence" | 1504 |
| <i>Abbas Foroughi</i> | |
| The Relationships between Metacognition, Expatriate Adjustments, and Performances under Global Forms of Employment | 1516 |
| <i>Young Sik Cho</i> | |
| Multivariate Nonparametric versus Time Series Approaches for Time-Varying Risk Hedging | 1523 |
| <i>An-Sing Chen, Mark Leung; Ching-Yun Chou</i> | |
| Empirically Establishing Patient Care Quality | 1537 |
| <i>Subhajit Chakraborty, Hale Kaynak</i> | |

VOLUME 3

| | |
|---|------|
| Effects of Consumer Awareness and Supply Chain Coordination Strategy on Pollution Abatement Efforts | 1549 |
| <i>Bowon Kim, Jeong Eun Sim</i> | |
| The Evolution of the Three Pillars of Sustainability | 1565 |
| <i>Azadeh Zamanian, Hale Kaynak</i> | |
| Top Management Team Member Related to CSR: Study on its Impact on Corporate Social Performance | 1584 |
| <i>Yungu Kang, Soolim Park, Jinguo Kang</i> | |
| Human Resource Management Strategies of a Start-up and Job Retention: The Moderator Role of the Millennial Mindset | 1603 |
| <i>Wei Wang, Sandra Gutierrez-Wirsching</i> | |
| Trading Durations and Realized Volatilities - A Case from Currency Markets | 1611 |
| <i>Gaurav Raizada, S. V. D. Nageswara Rao</i> | |
| A Quality Differentiation Model for Regulated and Non-Regulated Taxi Services in Thailand | 1620 |
| <i>Praowpan Tansitpong</i> | |
| The Role of Redesign Function in Remanufactured Products | 1626 |
| <i>Shad Dowlatshahi</i> | |

| | |
|---|------|
| An Empirical Investigation Regarding the Universal Effectiveness of TQM Practices Across National Boundaries | 1645 |
| <i>Young Sik Cho, Joo Jung</i> | |
| Work-Life Integration Benefits: An Exploratory Study of Selected Employee Outcomes | 1661 |
| <i>Wei Ning, Efrain Medina, Jacqueline Mayfield, Milton Mayfield</i> | |
| Unraveling the Lead-Time Uncertainty Paradox | 1681 |
| <i>John E. Tyworth, John Saldanha</i> | |
| Global Supply Chain Decisions in Multiple Markets: Impact of Transfer Pricing | 1702 |
| <i>Ziping Wang, Xiaohang Yue</i> | |
| A Research-Based Approach to Teaching Critical Thinking in Strategic Management | 1716 |
| <i>Arifin Angriawan</i> | |
| An Integrated Research Framework for Identifying Factors to Affect the Use of Health Information Exchange | 1731 |
| <i>Ming-Ling Sher, Hsin-Ginn Hwang, Hui-Ting Lin</i> | |
| Outsourcing, Governance Mechanisms and Customer Satisfaction in E-commerce | 1741 |
| <i>Abhijit Bhagwat, Tarikere Tulasidas Niranjana</i> | |
| Impact of CSR Executives on CSR Performance: Who is the Right Person to do the Right Things? | 1750 |
| <i>Soolim Park, Yungu Kang, Jingoo Kang</i> | |
| Statistics and Big Data – Will They Tango? | 1771 |
| <i>Rakesh Srikant Kulkarni, Tarikere Tulasidas Niranjana</i> | |
| Additive Manufacturing Management: A Review and Research Agenda | 1785 |
| <i>Mojtaba Khorram Niaki, Fabio Nonino</i> | |
| Collaborations and Innovations: A Big Data Perspective | 1810 |
| <i>Rhoda Joseph</i> | |
| The Association Between Operational Glitches and External Quality Failures: The Mitigating Role of Transactive Memory Systems | 1818 |
| <i>Diogo Cotta, Fabrizio Salvador, Johnny Rungtusanatham</i> | |
| The Impact of Training Upon Information Systems Security Awareness: An Empirical Investigation | 1858 |
| <i>Charles Foltz, Laura Foltz</i> | |
| An Experimental Study to Explore Attacker Framing in Response to Changes in Security and Reward | 1865 |
| <i>Mark Rounds, Norman Pendegraft</i> | |
| A Preliminary Data / Wealth Simulation of an Information System Under Attack | 1872 |
| <i>Norman Pendegraft, Mark Rounds</i> | |
| Six Sigma vs. Performance Solutions By Milliken | 1881 |
| <i>Mark McMurtrey, Dalton T. Woods</i> | |
| A Hybrid Intelligent System for Breast Cancer Identification | 1888 |
| <i>Dinesh K. Sharma, H. S. Hota</i> | |
| Active and Problem Based Learning and College Student Persistence | 1894 |
| <i>Laura Foltz, Charles B. Foltz</i> | |
| A Student Self-Managed Project for Learning Tax Topics Investigated at Five Universities | 1901 |
| <i>Judith Sage, Lloyd G. Sage</i> | |
| Decision Support for Strategic Planning at Commercial Airports | 1915 |
| <i>L. Douglas Smith, Liang Xu, Ziyi Wang, Deng Pan</i> | |
| The Age of Data Hits the University Curriculum: The Development of a Cross-college Data Analytics Program | 1932 |
| <i>Brad Meyer</i> | |
| Exploring a Confidence Interval Approach for Slow-moving Inventory Forecasts | 1944 |
| <i>Matthew Lindsey, Robert Pavur</i> | |
| Forecasting for Effective Hotel Revenue Management | 1950 |
| <i>Somnath Mukhopadhyay, Subhashish Samaddar, Satish V Nargundkar</i> | |
| Demand Forecasting System for Pharmacy Chain Stores | 1960 |
| <i>Yu-Min Chiang, Kwei-Long Huang, Paul Liou</i> | |
| An Evaluation of Machine Learning Methods and Visualization of Results to Characterize Large Healthcare Document Collections | 1974 |
| <i>Vivian West, David West, David Borland, William Ed Hammond</i> | |
| Estimating Retail Demand for Assortment Planning using MNL Model | 1991 |
| <i>Bhimaraya Metri, Alok Kumar Singh</i> | |
| The Effect of Industry-specify Real Effective Exchange Rate Movements on the Productivity of Manufacturing Industries in China | 2015 |
| <i>Yunbin Shen, Yingzhe Gu</i> | |
| Lean Implementation in Central Eastern European Health Care Based on Best Practices | 2035 |
| <i>Andras Herczeg, Marta Lorincz</i> | |
| An Intelligent Decision Support System for Adaptive Prediction of Student Attrition | 2045 |
| <i>Ricardo Rosales, Mark Leung, Minghe Sun</i> | |
| A Continuous Improvement Model for Student Satisfaction with Their Learning Environments | 2055 |
| <i>Kenneth Macleod, Ravi Paul, William Swart</i> | |
| The Effect of Industry Concentration and R&D on Corporate Social Responsibility and Firm Financial Performance | 2066 |
| <i>Albi Alikaj, Cau Ngoc Nguyen, Wei Ning</i> | |
| Optimal Consumption and Portfolio of Investment in a Financial Market with Jumps | 2076 |
| <i>Gan Jin</i> | |
| The Role of Competitive Priorities in Location Mobility and Menu Decision: A Study of the Food Trucks Industry | 2088 |
| <i>Eduardo Millet</i> | |

| | |
|---|------|
| Information Security Management Policies and Processes: | 2097 |
| <i>Kim Gwen Phan, Dien Dean Phan</i> | |
| Determinants of Electronic Word of Mouth on Social Network Sites | 2106 |
| <i>Mohammad I. Merhi, Khaled I. Khasawneh</i> | |
| Collaborating in Secured IT Enabled Supply Chains | 2111 |
| <i>Aber Elsalebby, Anand Kunnathur</i> | |
| Dynamic Flexibility - Operational Definition, Measurement & Analysis | 2127 |
| <i>Baohua Qin</i> | |
| Rethinking Security in the World of Internet of Things | 2150 |
| <i>Derrick Huang, Ravi Behara, Jahyun Goo</i> | |
| An Examination of the Impact of Faculty Approaches to Teamwork Development on Teamwork Quality and Success in Business Education | 2158 |
| <i>Dewaynna Horn, Katherine K. Rose</i> | |
| Predictive Analytics for Chronic Diabetes Care | 2171 |
| <i>Ravi Behara, Ankur Agarwal, Vinaya Rao, Christopher Baechle</i> | |
| Lean Human Resource Management System Practices and Transformation | 2178 |
| <i>David Marshall, Thomas Goldsby</i> | |
| Information Security Analysis on Breaches: Data Envelopment Analysis | 2189 |
| <i>Jeff Peck, C. Christopher Lee, Seong-Jong Joo, Carlo Smith</i> | |
| An Examination of Big Data Capabilities in Creating Business Value | 2200 |
| <i>Shiwei Sun, Suning Zhu, Xiaoye Cheng, Terry Byrd</i> | |
| Consumer Quality Reference and Offshoring in Product Recalls | 2216 |
| <i>Yan Dong, Kefeng Xu, Sining Song</i> | |
| The Effects of Decision-Maker Characteristics on Search Effort in Mobile Application Adoption | 2243 |
| <i>Fengkun Liu, Alan Brandyberry, Mary Hogue, Greta Polites, Tuo Wang</i> | |
| The Role of Interfirm Cultural Compatibility and Communication in Supply Chain Performance | 2261 |
| <i>Jie G. McCardle, Tom Ottaway, Dennis Krumwiede</i> | |
| Digital Manufacturing Transformation Strategy of State-Owned Enterprises (SOEs) in China | 2278 |
| <i>Shiwei Sun, Gaoshan Wang, Terry Byrd</i> | |
| Macroeconomic Influence on Procurement Strategy's SC cost Performance: A Systems Dynamics Simulation Study | 2288 |
| <i>Ulrich Schmelzle, Wendy Tate</i> | |
| Re-invigorating Business Education curriculum for enhanced service delivery: The Place of Soft Skills | 2308 |
| <i>Frank Alaba Ogedengbe, Sunny G. Eshiotse, Eather Ogedengbe</i> | |
| Exploring Factors Affecting Information Security Management in Hospitals | 2320 |
| <i>Menderes Tarcan, Neset Hikmet, Ben Schooley, Gamze Yorgancioglu</i> | |
| Author Index | |