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Education

- * Ph.D. in Industrial Management with emphasis on Inventory Management, National Taiwan University of Science and Technology, June. 2003.
- * M.S. in Industrial Management with emphasis on Operations Research and Statistics, National Taiwan University of Science and Technology, June. 1991.
- * B.S. in Industrial Management with emphasis on Operations Research and Statistics, National Taiwan University of Science and Technology, June. 1989.

Area of Specialty

- * Inventory Management
- * Supply chain Management

Academic Experience

- * Associate Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2004/01 to present
- * Assistant Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2003/07 to 2003/12
- * Lecturer, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1991/08 to 2003/06

Publications

Journal Papers

1. Jeng-Jung Fang ,Yang, Jin-Shan, Peng-Sen Wang, Shih-Hsien Wang , Chia-Feng Lin (2020) "The Parameter Optimization of Primary Treatment on Petrochemical Wastewater", Journal of Quantitative Management , 17(1), 14-30.
2. Yang, Jin-Shan , Fang, Jeng-Jung and Wei-Ting Yen (2019) "A Study of Integrated Inventory Models with Quality Levels", Journal of Industrial and Business Management , 11(2), 21-29.
3. Yang, Jin-Shan (2019) "A Study of Integrated Inventory Model with Lead Time and Unequal Quantity", Journal of Industrial and Business Management , 11(2), 30-44.
4. Yang, Jin-Shan , Fang, Jeng-Jung and Lung, Yi-Hsuan (2019) "A Study of Integrated Inventory Models with Carbon Emission and Limitation of the Production space", Journal of Quantitative Management, 16(1), 1-7.
5. Fang, Jeng-Jung Yang, Jin-Shan , Wang, Peng-Sena, Yu-Ping Shih and Yu-Ping Shih (2018) "Application of Experimental Design for the Parameter Optimization on the Process of Lithium Battery Separators", Journal of Southern Taiwan University of Science and Technology, 3(2), 10-23.
6. Fang, Jeng-Jung Yang, Jin-Shan , Wang, Peng-Sena, Mao, Shui-Longnd and Li, Jing-Wun (2018) "Application of Experimental Design on the Parametric Optimization of Image Contrast in Automatic Optical Inspection", Journal of Far East University , 35(1), 1-14.
7. Yang, Jin-Shan , Fang, Jeng-Jung and Du, Shiang-Lan (2018) "A study of integrated inventory models with unequal quantity and volume discounts", Journal of Industrial and Business Management , 10(2), 1-12.
8. Yang, Jin-Shan , Fang, Jeng-Jung and Huang, Shu - Ting (2018) "A study of integrated inventory

models with carbon emission cost and limitation of the transport capacity", Journal of Industrial and Business Management , 10(2), 46-54.

9. Yang, Jin-Shan , Fang, Jeng-Jung and Kuo, Chien-Chih (2018) "A Study of Integrated Inventory Models for Ordering Cost and Carbon Emission", Journal of Quantitative Management, 14(2), 1-10.
10. Yang, Jin-Shan , Fang, Jeng-Jung and Tsai, Chuan-Yueh (2017) "A Study of Integrated Inventory Models with Carbon Emission and Lead Time", Journal of Industrial and Business Management , 10(1), 12-21.
11. Yang, Jin-Shan , Fang, Jeng-Jung and Deng, Rong-Jyun (2017) "Research on Application of Radio Frequency Technology into Logistics Center", Journal of Industrial and Business Management , 10(1), 56-63.
12. Yang, Jin-Shan , Fang, Jeng-Jung and Lin, Chia-Jen (2016) "A Study of Integrated Inventory Models for Carbon Emission and Reduced Set up cost", Journal of Quantitative Management, 13(2), 29-38.
13. Yang, Jin-Shan , Fang, Jeng-Jung and Wang, Qin-Xiang (2016) "The Integrated Inventory Model Considered the Optimal Service Level", Journal of Industrial and Business Management , 9(1), 12-21.

Conference Papers

1. Fang, Jeng-Jung, Jin-Sang Yang, Pa-San Chu and Ming-Shir Chou (2016), "Applying Six Sigma Method to Reduce Production Cost on the Black Matrix Process of Color Filter.", The E-learning and Information Technology Symposium 2016, Tainan, p. 54.
2. Fang, Jeng-Jung, Jin-Sang Yang, Cha-Yu Lin and Jen-Shin Wu (2016), "Using 3-Way ANOVA to Analyze the Customer Numbers of Convenient Stores.", The E-learning and Information Technology Symposium 2016, Tainan, p. 34.
3. Fang, Jeng-Jung, Jin-Sang Yang, Li-Ming Huang and Ja-Yu Chang (2016), "Applying Experimental Design for the Parameters Optimization on Ganoderma Lucidum Medium.", The E-learning and Information Technology Symposium 2016, Tainan, p. 21.
4. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The application of regression analysis on the core size change of furnace welding of water tank", 2013 conference on Industrial management and Information application ", Tainan, pp. 165~174.
5. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The parameter optimization on the backend process of touch panel bonding process", 2013 conference on Industrial management and Information application ", Tainan, pp. 176~185.
6. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The optimization process of variables and mixture components proportions on the production process of epoxy resin", 2013 conference on Industrial management and Information application ", Tainan, pp. 186~195.
7. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The process parameter optimization of power coating process using central composite design.", 2012 the 8th conference on theories and practices in international business", Tainan, p. 7.
8. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The application of artificial neural network and genetic algorithm to reduce the nonconforming rate of plastic injection process.", 2012 the 8th conference on theories and practices in international business", Tainan, p. 11.
9. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "Taguchi method combined central composite design optimization fo process parameters in polarized lenses.", 2012 the 8th conference on theories and practices in international business", Tainan, p. 57.
10. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The Parameter optimization of screening printing using experimental design.", 2012 the 8th conference on theories and practices in international business", Tainan, p. 58.
11. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The gauge repeatability and reproducibility with interaction under nested design for different gauges and operators.", 2012 the 8th conference on theories and practices in international business", Tainan, p. 59.

12. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The trend analysis of internet group shopping.", 2012 the 8th conference on theories and practices in international business", Tainan, p. 8.
13. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), "The study of process parameter optimization on the application of design of experiments for balling process of multilayer ceramic capacitor.", 2012 Global Business and Management Conference", Kaohsiung, p. 119.
14. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2011), "The Gauge repeatability and reproducibility analysis with different gauges and operators.", 2011 The 7th Conference of Industry Globalization Academic and Practice, pp. 128-177.
15. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2011), "The Parameter Optimization of Color Filter Polishing Process", 2011 The 7th Conference of Industry Globalization Academic and Practice, pp. 192-205.
16. Fang, Jeng-Jung, Jin-Shan Yang, Peng-San Wang and Si-Bing Ling (2011), "The Parameter Optimization for the Fermentation of Bacterial Cellulose", 2011 Industry Global Logistic Academic and Practice Conference, pp. 407-418.
17. Fang, Jeng-Jung, Jin-Shan Yang, Peng-San Wang and Gia-Ying Yang (2011), "Apply Regression Analysis and Genetic Algorithm on Optimization of the Fermentation of Bacterial Cellulose", 2011 the 4th Management and Decision Academic Conference, BA321.
18. Fang, Jeng-Jung, Jin-Shan Yang, Peng-San Wang and We-Ming Cheng(2011), "The Gauge Repeatability and Reproducibility for the Nested Problem without Interaction, p.46

Dissertation

- * Yang, Jin-Shan (2003) "A study of an integrated inventory systems with controllable variables" Ph.D. Dissertation, National Taiwan University of Science and Technology

Books

Professional Certifications

Professional Experience

Grants

- 1. National Science Council, No: NSC-93-2213-E-218-018-, "Lead time and ordering cost reductions in an integrated inventory model with backorders," 2004/8 - 2005/7.

Entrusted Practical Projects

Honors and Awards

Patents