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Education

- * PhD, Industrial Engineering, National Tsing Hua University, 1991/12

Area of Specialty

- * Mathematical Programing, Operation Research, Performance Evaluation

Academic Experience

- * Associate Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1992/8 to present
- * Section chief of property and inventory division:2011/08/01-2013/07/31
- * Section chief of cashier division:2013/08/01- 2016/01/31
- * Section chief of property and inventory division:2016/02/01-2016/07/31

Publications

Journal Papers

1. Huang, Chen-Sheng, Wei-Siang Chen, Sin-Yu Hou, Jheng-Hong Wang, and Zhen-Ling Li (2009) "Applications of Data Envelopment Analysis -a case of College of Management, Southern Taiwan University," Journal of Southern Taiwan University, 34(3), 77-96.
2. Wang, H.F., C.S. Huang (1993) "Multi-parametric analysis of the maximum tolerance in a linear programming problem," European journal of operational research, 67, 75-87.
3. Wang, H.F., C.S. Huang (1992) "Inconsistent structures of linear systems," International journal of general systems, 21, 65-81.
4. Wang, H.F., C.S. Huang (1992) "The maximal tolerance analysis of the constraint matrix in linear programming," Journal of the Chinese institute of engineers, 15(5), 507-517.

Conference Papers

1. Huang, C.S., Fang, Q.L., Tsai, Q.M. and Wu, Y.X. (2020) "Application of Data Envelopment Analysis—Taking the School of Humanities and Social Sciences of a Southern University of Science and Technology as an example," The 17th Conference on Innovation of Industry Management.
2. Huang, C.S., Shih, B.S., Tai, J.H., Lian, J.W., Chen, W.H. and Lin, Z.Y. (2019) "Analysis of Relative Efficiency of the Departments of the Digital Design College OF Southern Taiwan University of Science and Technology," The 15th International Conference on Knowledge-Based Economy & Global Management.
3. Huang, C.S., Wang, Z.J., Yang, B.H., Chen, Z.W., and Zheng, M.S. (2018) "Relative efficiency analysis of College of Engineering, Southern Taiwan University of Science and Technology," 2018 Industrial Management and information Application Innovations Conference.
4. Huang, C.S., Zhang, Z.Z., Lin, J.F., Qian, X.Q., and Yang, S.T. (2018) " Analysis of Relative Efficiency of Departments of Business Administration of Southern Taiwan University of Science and Technology," 2018 15th Service Industry Management and Innovation Conference.
5. Huang, C.S. et al. (2016) "Relative efficiency analysis of College of Engineering, Southern Taiwan University of Science and Technology," Industrial Management and information Application Innovations Conference.

6. Huang, C.S. et al. (2013) "Applications of Data Envelopment Analysis — a case of College of Digital Design, Southern Taiwan University of Science and Technology," Industrial Management and information Application Innovations Conference.
7. Huang, C.S., Hsieh, Yi-Ting (2011) "Application of Fuzzy Ranking Method to Fuzzy Data Envelopment Analysis Model," Taiwan Conference on Business and Information, NO. 1231.
8. Huang, C.S. (1995) "A study on feasible calibration region of an inconsistent linear system," 10th Taiwan workshop on technical and vocational education, 143-148.
9. Huang, C.S., Wang, H.F. (1992) "Multi-parametric sensitivity analysis of global perturbations on all coefficients in a linear programming problem," CIIE National Conference, 538-542.

Dissertation

- Huang, C.S. (1992) "Insolvability and tolerance analyses of linear programming problems," Ph.D. Dissertation, National Tsing Hua University

Books

Professional Certifications

- Council of Labor Affairs, Certificate of Invigilator for Written Tests of Skills Certification, 2013/10/14.

Professional Experience

Grants

Entrusted Practical Projects

1. Huang, C.S., "Statistical data analysis and literature consultation", NO. 32001090057, 2020/02/01- 2020/07/31.
2. Huang, C.S. (2019), "B&B Shop Planning", NO. 32001080093, 2019/02/01- 2019/07/31.
3. Tien, T.Y., Huang, C.S. (2018), "Development of Calculus in the Field of Extreme Materials", NO.32001070414, 2018/11/1-2019/6/30.
4. Huang, C.S. (2018), "Customer Analysis and Potential Customer Development", NO. 32001070058, 2018/01/01- 2018/06/30.
5. Huang, C.S. (2017), "Beverage Shop Launch Planning", NO. 311060047, 2017/01/01- 2017/06/30.
6. Huang, C.S. (2016), "Analysis of Business Expansion Feasibility and Customer Satisfaction", NO.311050249, 2016/07/01- 2016/12/31.
7. Huang, C.S. (2015), "Technical Support of 5S Management", NO.311040551, 2015/12/01- 2016/05/31.
8. Huang, C.S. (2014), "Donated Environmentally Friendly Lounge Chair", NO.311030490, 2014/11/01- 2015/03/31.
9. Huang, C.S. (2014), "Analysis of Business Expansion Feasibility and Customer Satisfaction", NO.311050249, 2016/07/01- 2016/12/31.

Honors and Awards

Patents