Chung-Ho Chen (陳忠和)

Department of Industrial Management and Information
Southern Taiwan University of Science and Technology
No. 1, Nan-Tai Street, Yongkang Dist.,
Tainan 71005, Taiwan

Office: D203-4
☎: 886-6-2533131 ext. 4129
✉: chench@stust.edu.tw

Education

- PhD, Department of Industrial Management, National Taiwan University of Science and Technology, Taiwan, 1994/6.
- Master, Industrial Management, National Cheng-Kung University, Taiwan, 1986/6.

Area of Specialty

- Statistical Quality Control

Academic Experience

- Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2000/1 to present
- Associate Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1994/06 to 1999/12
- Instructor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1993/08 to 1994/05

Publications

Journal Papers:

1. **Chen, Chung-Ho** and Wan-Lin Chang (2011) ”Joint determination of optimal product expected lifetime and warranty period,” *Journal of Quality*, 18(5), 455-473.
2. **Chen, Chung-Ho** and Chih-Lun Lu (2011), “Optimum profit model considering the quality, price, and sale problem,” *International Journal of Systems Science*, 42(12), 1917-1933.
3. **Chen, Chung-Ho** (2012), ”Optimum profit model considering single sampling inspection plan and quality loss of product,” *Journal of Quality*, 19(3), 207-221.
4. **Chen, Chung-Ho** (2013), ”The joint settings of quality investment, commission fee, and order quantity under the consignment policy,” *International Review of Business Research Papers*, 9(3), 127-145.
5. **Chen, Chung-Ho** and Panlop Zeephongsekul (2014), ” The joint determination of optimum process mean, economic order quantity and production run length for serial production system,” *Asia Pacific Management Review*, 19(4), 429-446.
6. **Chen, Chung-Ho** and Chiung-Hui Tsai (2015), ”The modified economic manufacturing quantity model based on inspection error, quality loss, and shortage,” *Journal of*

Information and Optimization Sciences, 36(6), 511-531.

7. **Chen, Chung-Ho** and Wen-Ren Tsai (2016)" Modified single-vendor single-buyer supply chain model with quality loss for product," *Journal of Industrial and Production Engineering*, 33(8), 495-500.

Conference Papers:

1. **Chen, Chung-Ho** (2011), **"**Economic design of a Dodge-Romig single rectifying inspection plan under the quality investment," *2011 International Symposium of Quality Management*, 29-37.
2. **Chen, Chung-Ho** and Wei-Chen Lee (2011), "Optimum settings of process mean, economic order quantity, and wholesale price," *The Seventh International Conference on Knowledge-Based Economy and Global Management*.
3. **Chen, Chung-Ho** (2011), "Economic design of a combined continuous lot by lot acceptance sampling plan under the quality investment," *The First International Conference on Engineering and Technology Innovation*.
4. **Chen, Chung-Ho** (2012), "Modified profit model with quantity adjustment between retailers," *The 8th International Conference on Knowledge-Based Economy and Global Management*.
5. **Chen, Chung-Ho** (2013), "Joint determination of process quality level and production run time for imperfect production process," *The 9th International Conference on Knowledge-Based Economy and Global Management*.
6. **Chen, Chung-Ho** (2014), "Optimum process mean setting based on variable sampling plan with producer's and consumer's risks," *The 10th International Conference on Knowledge-Based Economy and Global Management*.
7. **Chen, Chung-Ho and Chao-Yu Chou** (2015), "Optimum process mean, standard deviation, and specification limits settings under the Burr distribution," *International Multi-Conference on Engineering and Technology Innovation 2015*.
8. **Chen, Chung-Ho** (2016), "The joint determination of specification limits, process mean, and economic manufacturing quantity," *IAM 2016 International Conference on Innovation and Management*.

Grants

1. National Science Council, No: NSC-98-2221-E-218-024-MY3, "Optimum profit model based on order quantity, product price, and process quality level," 2009/8 - 2012/7.
2. Ministry of Science and Technology, No: MOST 104-2221-E-218-017, "The joint determination of specification limits, process mean, and economic manufacturing quantity", 2015/8 – 2016/7.

Honors and Awards

1. Special excellent talent award, 2011, Ministry of Science and Technology.
2. Special excellent talent award, 2012, Ministry of Science and Technology.
3. Special excellent talent award, 2014, Ministry of Science and Technology.
4. Special excellent talent award, 2015, Ministry of Science and Technology.

Academic and Professional Service

1. *Reviewer*, Journal of the Chinese Institute of Industrial Engineers, 2014.
2. *Reviewer*, Journal of Quality, 2016.