# Pei-Huang Lin (林培煌)

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## **Education**

- \* PhD, Department of Industrial and Information Management, National ChengKung University,2012/01
- \* Master, Department of Industrial Engineering, University of Texas at El Paso, 1992/07
- \* BS, Mechanical Engineering, National ChengKung University, 1982/6

# **Area of Specialty**

• MCDM, E-Commerce, purchasing management, business intelligence, internet marketing

## **Academic Experience**

- \* Associate Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2012/03 to present
- \* Instructor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1992/10 to 2012/03

# **Publications**

## **Journal Papers**

- 1. 1. Kao, C., and Lin, P. H. (2012), Efficiency of parallel production systems with fuzzy data, Fuzzy Sets and Systems, doi:10.1016/j.fss.2012.01.004. (SCI, rank=19/236)
- 2. 2. Kao, C., and Lin, P. H. (2011), Qualitative factors in data envelopment analysis: A fuzzy number approach, European Journal of Operational Research, 211, pp. 586-593.
- 3. 3. Lin, P. H. (2006), Multiple criteria ranking by fuzzy data envelopment analysis, WSEAS Transactions on Computers, 5, pp. 810-816.
- 4. 4. Kao, C., and Lin, P. H. (2005), Entropy for fuzzy regression analysis, International Journal of Systems Science, 36, pp. 869-876.

#### **Conference Papers**

- 1. 1. Lin, P. H. (2006), Fuzzy data envelopment analysis for fuzzy overall effectiveness, in WSEAS International Conference on Applied Computer Science, Hangzhou, China, pp. 247-251.
- 2. 2. Kao, C., and Lin, P. H. (2004), Fuzzy regression analysis by entropy, in Proceedings of the 2004 second IEEE International Conference on Intelligent Systems, Varna, Bulgaria, pp. 231-236.

#### Dissertation

• Lin, Pei- Huang (2012) 'Qualitative data envelopment analysis - A fuzzy number approach', Ph.D. Dissertation, National Cheng Kung University.

#### Books

• 1. Lin, P. H. (2014), A general framework of dealing with qualitative data in DEA: A fuzzy number approach. In A. Emrouznejad & M. Tavana (Eds.), Performance Measurement with Fuzzy Data Envelopment Analysis. Berlin: Springer-Verlag

# Professional Certifications Professional Experience

• \* Manager in the Engineering Department of Lien-Tai Paper (1987/7-1990/7)

## Grants

- 1. Hong Ming Co. LTD, "Mushroom Garden Network Marketing Plan, 2019/7-2020/2
- 2. Kelly English Cram School, "Cloud Management System for Kelly English Cram School System Building", 2019/7-2020/1
- 3. Kelly English Cram School, "Cloud Management System for Kelly English Cram School System Design", 2019/7-2020/1
- 4. Workforce Development Agency, "Job enhanced program for purchasing and inventory management," 2014/7-2015/8
- 5. Workforce Development Agency, "Job enhanced program for purchasing and inventory management," 2015/7-2016/8
- 6. TU Fong Co. LTD, "E-Commerce evaluation", 2017/7-2017/9

Entrusted Practical Projects Honors and Awards Patents