

## 莊弼昌副教授研究成果

### 一、期刊論文

1. Jones Pi-Chang CHUANG (2014), “A New Approach for Matrix NTRU”, Journal of Discrete Mathematical Sciences and Cryptography, Vol. 17, No. 1, pp.91-98.
2. Pi-Chang Chuang, Chung-Jen Chao, Kuo-Chen Hung(2014),” Discussion on Definitions for Similarity Measures of Intuitionistic Fuzzy Sets”, Vol. 17, No. 2, pp.149-156.
3. Jones Pi-Chang CHUANG, Peter CHU (2014),” Improving the Public Transit System for Routes with Scheduled Headways”, Yugoslav Journal of Operations Research, Vol.24, No. 2, pp.237-248.
4. Jones P. C. Chuang (2014),” Inventory System of Deteriorating Items with Exponential Declining Demand and Partial Backlogging”, Applied Mathematics, (Accepted Paper, Paper ID:7402386).
5. Cheng-Tan Tung, Peter Shaohua Deng, Jones P. C. Chuang (2014) , “Note on Inventory Models With a Permissible Delay in Payments”, Yugoslav Journal of Operations Research, Vol.24 , No.1. pp. 111-118.
6. Chou Wen-Sheng, Chuang Pi-Chang (2014), “A Study on the Analysis and Design of Drivers' Hazard Perception Test”, Asian Transport Studies ,Vol.3, Issue2, pp220-233. (corresponding author)
7. Jones Pi-Chang Chuang, Chun-Hsiao Chu, Peterson Julian (2013), “Note on the merge of two maximum models under same constraints”, Journal of Interdisciplinary Mathematics, Vol. 16, No. 6, pp.431-438.
8. Didos Wen-Han Tang, Henry Chung-Jen Chao, Jones Pi-Chang Chuang (2013), “A Note on the Inventory Model for Deteriorating Items with Exponential Declining Demand and Partial Backlogging”, International Journal of Information and Management Sciences, Vol.24, No. 2, pp.167-173.

9. Jones P. C. Chuang (2013), "A Comment on "The Correct Solution Procedure on the Replenishment Run Time Problem with Machine Breakdown and Failure in Rework", *Universal Journal of Industrial and Business Management*, Vol. 1 No. 2, pp50-53.
10. 吳榮平、吳東孟、莊弼昌(2012),「偏遠山區居民臨災的危機處理與調適行為之研究」, *Journal of Crisis Management*, Vol. 9, No. 1, 頁 1-14。
11. Chuang, J. P. C. (2012), "Inventory model with stock dependent selling rate", *African Journal of Business Management*, Vol. 5(28), pp. 780-786.
12. 吳榮平、趙祐詩、莊弼昌(2012),「城鄉交接處的火災風險分析」, *警專學報*第五卷第三期, 頁 227-242。
13. 蘇志強、莊弼昌、許智仁 (2010),「慢車行人道路障礙裁罰 e 化系統構建之研究」, *交通學報*第十卷第一期, 頁 1-38。

## 二、研討會論文

1. 莊弼昌, 蕭惠珠(2014), 「整合 3E 政策改善交通問題地點之案例研究」, 103 年道路交通安全與執法研討會論文集, 頁 603-618。
2. 莊弼昌, 楊孟儒(2014), 「大型活動交通管制計畫之規劃與執行之研究」, 103 年道路交通安全與執法研討會論文集, 頁 141-156。
3. Wen-Sheng Chou, Pi-Chang Chuang (2013), Design of Drivers' Hazard Perception Context Test, *Proceedings of the Eastern Asia Society for Transportation Studies*, Vol.9.
4. 周文生、莊弼昌、喻世祥、廖珮翎 (2012),「駕駛人風險感知與交通安全之關聯性研究」, 101 年道路交通安全與執法研討會論文集, 頁 375-389。
5. 莊弼昌(2010), 「高速公路電子收費交通工程規劃設計之評析」, 99 年道路交通安全與執法研討會論文集, 頁 415-435。