Email: ypchiu@mail.cyut.edu.tw (04) 2332-3000 (Ext.4252) or 0918-784-205

二、著作及學術期刊發表目錄

期刊論文 (Selected from years 2003~2014)

1. Chiu, Yuan-Shyi Peter, Chang, H-H. (2014) Optimal run time for EPQ model with scrap, rework and stochastic breakdowns: A note. *Economic Modelling*, 37: 143-148.
2. Chiu, Yuan-Shyi Peter, Lin, H-D. (2013) An Innovative Blemish Detection System for Curved LED Lenses. *Expert Systems with Applications*, 40(2): 471-479.
3. Chiu, Yuan-Shyi Peter, Lin, H-D., Cheng, F-T., Hwang, M-H. (2013) Optimal common cycle time for a multi-item production system with discontinuous delivery policy and failure in rework. *Journal of Scientific & Industrial Research*, 72(7): 435-440.
4. Chiu, Yuan-Shyi Peter, Chen, K-K., Ting, C-K (2012) Replenishment run time problem with machine breakdown and failure in rework. *Expert Systems with Applications*, 39(1): 1291-1297.
5. Chiu, Yuan-Shyi Peter, Lin, Y-C., Lin, L-W., Chiu, S.W. (2012) A single- producer multi-retailer integrated inventory model with a rework process. *International Journal for Engineering Modelling*, 25(1-4): 27-35.
6. Chiu, Yuan-Shyi Peter, Liu, S-C., Chiu, C-L., Chang, H-H. (2011) Mathematical modelling for determining the replenishment policy for EMQ model with rework and multiple shipments. *Mathematical and Computer Modelling* 54(9-10): 2165-2174.
7. Chiu, Yuan-Shyi Peter, Lin, H-D. and Chang, H-H. (2011) Mathematical modeling for solving manufacturing run time problem with defective rate and random machine breakdown. *Computers & Industrial Engineering*, 60(4): 576-584.
8. Chiu, Yuan-Shyi Peter, Lin, C-A.K., Chang, H-H. and Chiu, V. (2010) Mathematical modeling for determining economic batch size and optimal number of deliveries for EPQ model with quality assurance. *Mathematical and Computer Modelling of Dynamical Systems*, 16(4): 373-388.
9. Chiu, Yuan-Shyi Peter, Chen, K-K., Cheng, F-T., Wu, M-F. (2010) Optimization of the finite production rate model with scrap, rework and stochastic machine breakdown. *Computers and Mathematics with Applications*, 59(2): 919-932.
10. Chiu, Yuan-Shyi Peter and Ting, C-K. (2010) A note on 'Determining the optimal run time for EPQ model with scrap, rework, and stochastic breakdowns'. *European Journal of Operational Research*, 201(2): 641-643.
11. Chiu, Yuan-Shyi Peter, Tseng, C-Y, Liu, W-C. & Ting, C-K. (2009) Economic manufacturing quantity model with imperfect rework and random breakdown under abort/resume policy. *P I Mech E Part B: Journal of Engineering Manufacture*, 223(2): 183-194.

Email: ypchiu@mail.cyut.edu.tw (04) 2332-3000 (Ext.4252) or 0918-784-205

12. Chiu, Yuan-Shyi Peter, Lin, H-D. (2009) A hybrid approach based on Hotelling statistics for automated visual inspection of display blemishes in LCD panels. *Expert Systems with Applications*, 36(10): 12332-12339.

13. Chiu, Yuan-Shyi Peter, Chiu, S.W., Li, C-Y., and Ting, C-K. (2009) Incorporating multi-delivery policy and quality assurance into economic production lot size problem. *Journal of Scientific & Industrial Research*, 68(6): 505-512.

14. Chiu, Yuan-Shyi Peter, Chiu, S.W. & Chao, H-C. (2008) Effect of shortage level constraint on finite production rate model with rework. *Journal of Scientific & Industrial Research*, 67(2): 112-116.

15. Chiu, Yuan-Shyi Peter, Chiu, S.W. and Chao, H-C. (2006) Numerical method for determination of reworking or scraping the defective items in a finite production rate model. *Communications in Numerical Methods in Engineering*, 22(5): 377-386.

16. Chiu, Yuan-Shyi Peter (2006) The effect of service level constraint on EPQ model with random defective rate. *Mathematical Problems in Engineering*, 2006 (2006), Article ID 98502, 13 pages.

17. Chiu, Yuan-Shyi Peter and Chiu, S.W. (2005) Incorporating expedited time and cost of the end product into the product structure diagram. *International Journal of Machine Tools & Manufacture*, 45(7-8): 987-991.

18. Chiu, Yuan-Shyi Peter (2005) Combining a cost-benefit algorithm for ECTEP into the product structure diagram. *International Journal of Materials and Product Technology*, 22(4): 339-350.

19. Chiu, Yuan-Shyi Peter (2003) Determining the optimal lot size for the finite production model with random defective rate, the rework process, and backlogging. *Engineering Optimization*, 35(4): 427-437.