

專題演講 II (Keynote Speech II)



講者: 黃鋒樟教授 (澳洲雪梨科技大學)

講題: Hybrid Flow Shop Manufacturing with Dedicated Machines: An Overview

Abstract: The two-stage hybrid flow shops with dedicated machines (F2DM) manufacturing problems arise naturally from practical production and fabrication systems. F2DM scheduling problems are classified into two categories, whose machine settings are antithetical to each other. Categorising the literature according to the performance metrics, we survey the existing research results of the two models and propose several new solution procedures with improved computational complexity. In this talk, we will discuss the summarised complexity results and relevant suggestions coupled with perspectives for future research.

講者簡歷:

黃鋒樟(F. J. Hwang)博士

Senior Lecturer (Level C), School of Mathematical and Physical Sciences;
Transport Research Centre, University of Technology Sydney (UTS)



Experience & Related Positions

- Program Director (Maths/Stats), Faculty of Science, UTS
- Leading PI, Industrial Optimization Group, Transport Research Centre, UTS

Education Background: Ph.D. (Information Management), National Chiao-Tung University, Taiwan (2011)