

The Hong Kong University of Science and Technology

Dept of Information Systems, Business Statistics
and Operations Management
Dept of Industrial Engineering & Logistics Management

Joint Seminar Announcement

Some Specially Structured Assemble-to-Order Systems

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Date : 15 January 2016 (Friday)
Time : 11:00 - 12:15 pm
Venue : Room 3001, LSK Business Building



Abstract:

Assemble-to-order systems are important in practice but challenging computationally. This paper combines some notions from combinatorial optimization, namely polymatroids and discrete convexity, to ease the computational burden significantly, for certain specially structured models. We point out that polymatroids have a concrete, intuitive interpretation in this context.

Bio:

Paul H. Zipkin PhD is Professor Emeritus of Business Administration at Duke University, USA. His degrees come from Reed, California, and Yale. His research investigates the design and operation of production and distribution systems and their analogues in service industries. He has written numerous scholarly articles and the book, *Foundations of Inventory Management*. He is a Fellow of INFORMS and the Manufacturing & Services Operations Management Society.