

James F. Cox III TOC related articles (refereed)

Published:

Betterton, C.E., Cox, J.F.III, Espoused Drum-buffer-rope Flow Control in Serial Lines: A Comparative Study of Simulation Models, International Journal of Production Economics (2008), doi:10.1016/j.ijpe.2008.08.050

Cox, James F. III and Edward D. Walker II, “The Poker Chip Game: A Multi-product, Multi-location, Multi-echelon, Stochastic Supply Chain Network Useful for Teaching the Impacts of Pull versus Push Inventory Policies on Link and Chain Performance” INFORMS Transactions on Education, special issue on Supply Chain Management Education Vol. 6, Issue 3, 2006, pp. 3-19.

Walker, Edward D. II and James F. Cox III, “Addressing Ill-Structured Problems Using Goldratt’s Thinking Processes: A White Collar Example”, Management Decision. Vol. 44, Issue 1, March, 2006, pp. 137-154.

Mabin, Vicky, J., John Davies, and James F. Cox III, “Using The Theory Of Constraints Thinking Processes To Complement System Dynamics’ Causal Loop Diagrams In Developing Fundamental Solutions”, International Transactions in Operational Research, Vol. 13, pp. 33-57, 2006.

Cox, James F. III, Vicky J. Mabin, and John Davies, “A Case for Personal Productivity: Illustrating Methodological Developments in TOC”, Human Systems Management, Vol. 24, No. 1, 2005, Special Issue, Theory of Constraints: Practice and Research, 39-65. Reprinted in Ronen, Boaz, Human Systems Management, ISO Press, 2005, 124 pages.

Cox, James F. III and Edward D. Walker II, “Increasing Student Interest and Comprehension of Production Planning and Control and Operations Performance Measurement Concepts Using A Production Line Game”, Journal of Management Education, Vol. 29, No. 3, June 2005, 489-511.

Ian P. Conradie, W. Dale Greene, James F. Cox, and Glen E. Murphy. “Applying the Thinking Process of the Theory of Constraints: An Exploratory Research Methodology to Evaluate the Lack of Use of Cut-to-Length Harvesting Systems in the Southeastern United States”, Journal of Forest Products Research, volume 2, Issue 1, 2005.

Cox, James F. III and Edward D. Walker II, “Using a Socratic Game to Introduce Basic Line Design and Planning and Control Concepts”, Decision Sciences Journal of Innovative Education, 2(1), pp. 77-82, 2004.

Kim, Seonmin, K. Roscoe Davis, and James F. Cox III, “Investigation of Flow Control Mechanisms in Simple Lines,” Production Planning and Control, Vol. 14, No. 1, (2003) 15-32.

Kim, Seonmin, K. Roscoe Davis, and James F. Cox III, "An Investigation of Flow Control Mechanisms in Semiconductor Wafer Fabrication," International Journal of Production Research, Vol. 41, No. 4, (2003).

Blackstone, John H. Jr. and James F. Cox III, "Designing Unbalanced Lines—Understanding Protective Capacity and Protective Inventory" Production Planning and Control, Vol. 13, No. 4, (2002) 416-423.

Boyd, Lynn H. and James F. Cox, "Optimal Decision Making Using Cost Accounting Information." International Journal of Production Research, Vol. 40, No. 8, 2002, 1879-1898.

Draman, Rexford H., Archie Lockamy III, and James F. Cox. "Constraint-Based Accounting and its Impact on Organizational Performance: A Simulation of Four Common Business Strategies." Integrated Manufacturing Systems, Vol. 13, No. 8, 2002, 190-200.

Cox, James F., Rexford Draman, Lynn H. Boyd, and Michael S. Spencer. "A Cause And Effect Approach to Analyzing Performance Measures: Part II Internal Plant Operations," Production and Inventory Management Journal, (Vol. 39, No. 4), 4th Quarter, 1998.

Berry, Rik, Henry Hildenbrand, and James F. Cox, and Owen Kingman, "A TOC Analysis of an Arborescent Inventory System," Journal of Systems Improvement, Vol.2, No.1, (Summer/Fall 1998).

Walker, Edward and James F. Cox, "Generic Airlines Reservation Sales Office: A Case Study of Decision Making Using Theory of Constraints versus Traditional Costing," Journal of Systems Improvement, Vol.2, No.1, (Summer/Fall 1998).

Cox, James F., Jerry Howe and Lynn Boyd. "Transfer Pricing Effects on Locally Measured Organizations." Industrial Management (Vol. 39, No. 2), March/April 1997, pp. 20-29.

Kwolek, Marsha J. and James F. Cox III, "The Use of a Current Reality Tree to Identify Policy Constraints in a Military Organization," Journal of Systems Improvement, (Summer/Fall, 1997) Vol. 1, No. 2, pp. 17-24.

James F. Cox III, John H. Blackstone, Jr. and Archie Lockamy, "A Performance Measurement Model for World Class Manufacturing," Journal of Systems Improvement, (Summer/Fall, 1997) Vol. 1, No. 2, 1997.

Boyd, Lynn and James F. Cox III, "A Cause and Effect Approach to Analyzing Performance Measures: Part I -- The Plant Level," Production and Inventory Management Journal, (Vol. 38, No. 3), 3rd Qtr, 1997, pp. 25-32.

Spencer, Michael S. and James F. Cox, "An Analysis of the Product-Process Matrix and Repetitive Manufacturing," International Journal of Production Research, Vol. 33, No. 5, 1995, pp. 1275-1294.

Spencer, Michael S. and James F. Cox, "The Role of MRP in Repetitive Manufacturing," International Journal of Production Research, Vol. 33, No. 7, 1995, pp. 1881-1899.

Spencer, Michael S. and James F. Cox, "Optimum Production Technology (OPT) and the Theory of Constraints (TOC): Analysis and Genealogy," International Journal of Production Research, Vol. 33, No. 6, 1995, pp. 1495-1504.

Lockamy, Archie III, and James F. Cox, "An Empirical Study of Division and Plant Performance Measurement Systems in World Class Manufacturing Firms: Linkages for Competitive Advantage," International Journal of Production Research, Vol. 33, No. 1, 1995, pp. 221-236.

Spencer, Michael S. and James F. Cox, "Master Production Scheduling Development in a Theory of Constraints Environment: Tutorial and Analysis." Production and Inventory Management Journal, (Vol. 36, No. 1), 1st Qtr, 1995, pp. 8-14.

Cox, James F., "Teaching Goldratt's Thinking Process Using A Personal Productivity Example," The Journal of Systems Improvement, (Vol. 1, No. 1), June 1995, pp. 39-48.

Wahlers, James L. and James F. Cox, "Competitive Factors and Performance Measurement: Applying the Theory of Constraints to Meet Customer Needs." International Journal of Production Economics, Vol. 37, 1994, pp. 229-240.

Schragenheim, Eli, James F. Cox and Boaz Ronen, "Process Flow Industry - Scheduling and Control Using Theory of Control," International Journal of Production Research, Vol. 32, No. 8, 1994, pp. 1867-1877.

Howe, W. Gerry and James F. Cox, "Enterprise Implications of Transfer Pricing," Production and Inventory Management Journal, (Vol. 35, No. 2), 2nd Quarter, 1994, pp. 35-38.

Fry, Timothy D., James F. Cox, and John H. Blackstone, "An Analysis and Discussion of the OPT Software and Its Use," Production and Operations Management Journal, Vol. 1, No.2, Spring 1992, pp. 229-242.

Lockamy III, Archie and James F. Cox, "Using V-A-T Analysis for Determining the Priority and Location of JIT Manufacturing Techniques," International Journal of Production Research, Vol. 29, No. 8, 1991, pp. 1661-1672.