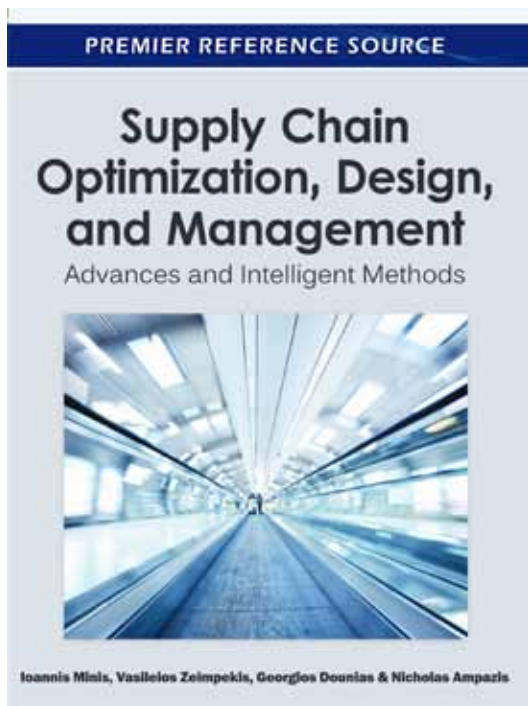


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Supply Chain Optimization, Design, and Management: Advances and Intelligent Methods



Ioannis Minis (University of the Aegean, Greece),
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and Nicholas Ampazis (University of the Aegean, Greece)

Computational Intelligence (CI) is a term corresponding to a new generation of algorithmic methodologies in artificial intelligence, which combines elements of learning, adaptation, evolution and approximate (fuzzy) reasoning to create programs that can be considered intelligent.

Supply Chain Optimization, Design, and Management: Advances and Intelligent Methods presents computational intelligence methods for addressing supply chain issues. Emphasis is given to techniques that provide effective solutions to complex supply chain problems and exhibit superior performance to other methods of operations research.

Topics Covered:

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- Demand Forecasting
- Distribution Channel Management
- Forecasting, Sales and Customer Service
- Just in Time Productivity
- Procurement and Inventory Management
- Production Planning and Scheduling
- Production Scheduling
- Sales Management
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Ioannis Minis is a Professor in the Department of Financial and Management Engineering of the University of Aegean. He conducts research in design, production, and operations systems, including supply chain management. Dr. Minis holds a Ph.D. degree from the University of Maryland in Mechanical Engineering and has held the positions of Assistant and Associate Professor of Mechanical Engineering at the same University (1988-1997). He is conducting research in Operations for over 20 years and has authored two edited volumes, several book chapters, over 45 journal articles, and over 60 articles in conference proceedings. Dr. Minis has been the recipient of the 1993 Earl E. Walker Outstanding Young Manufacturing Engineer Award from the Society of Manufacturing Engineers (SME).

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Quantitative Risk Management Models for Newsvendor Supply Chains
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