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Nota di contenuto	Front cover; Part I: INDUSTRIAL AND SERVICE APPLICATIONS OF THE SUPPLY CHAIN; Chapter 1:Multicriteria Decision Making in Ethanol Production Problems: A Fuzzy Goal Programming Approach; Chapter 2: From Push to Pull: The Automation and Heuristic Optimization of a Caseless Filler Line in the Dairy Industry; Chapter 3: Optimization of Medical Services: The Supply Chain and Ethical Implications; Chapter 4: Using Hierarchical Planning to Exploit Supply Chain Flexibility: An Example from the Norwegian Meat Industry Chapter 5: Transforming U.S. Army Supply Chains: An Analytical Architecture for Enterprise Management Part II: ANALYTIC PROBABILISTICMODELS OFSUPPLY CHAIN PROBLEMS; Chapter 6: A Determination of the Optimal Level of Collaboration between a Contractor and Its Suppliers under Demand Uncertainty; Chapter 7: Online Auction Models and Their Impact on Sourcing and Supply

Management; Chapter 8: Analytical Models for Integrating Supplier Selection and Inventory Decisions; Chapter 9: Inventory Optimization of Small Business Supply Chains with Stochastic Demand
Part III: OPTIMIZATION MODELS OF SUPPLY CHAIN PROBLEMS Chapter 10: A Dynamic Programming Approach to the Stochastic Truckload Routing Problem; Chapter 11: Modeling Data Envelopment Analysis (DEA) Efficient Location/Allocation Decisions; Chapter 12: Sourcing Models for End-of-Use Products in a Closed-Loop Supply Chain; Chapter 13: A Bi-Objective Supply Chain Scheduling; Chapter 14: Applying Data Envelopment Analysis and Multiple Objective Data Envelopment Analysis to Identify Successful Pharmaceutical Companies; Index; Back cover

Sommario/riassunto

Reporting on cutting-edge research in production, distribution, and transportation, The Supply Chain in Manufacturing, Distribution, and Transportation: Modeling, Optimization, and Applications provides the understanding needed to tackle key problems within the supply chain. Viewing the supply chain as an integrated process with regard to tactical and operational planning, it details models to help you address the wide range of organizational issues that can adversely affect your supply chain. This compilation of scholarly research work from academia and ind