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Nota di contenuto	Part I: Introduction to Supply Chain and Operations Management -- 1. Basics of Supply Chain and Operations Management -- 2. Examples from Different Industries, Services, and Continents -- 3. Processes, Systems, and Models -- Part II: Designing Operations and Supply Network: Strategic Perspective -- 4. Operations and Supply Chain Strategy -- 5. Sourcing Strategy -- 6. Production Strategy -- 7. Facility Location Planning and Network Design -- 8. Distribution and Transportation Network Design -- 9. Factory Planning and Process Design -- 10. Layout Planning -- Part III: Matching Demand and Supply: Tactical and Operative Planning -- 11. Demand Forecasting -- 12. Production and Material Requirements Planning -- 13. Inventory Management -- 14. Routing and Scheduling -- Part IV: Advanced Topics in Supply Chain and Operations Management -- 15. Supply Chain Risk Management and Resilience -- 16. Digital Supply Chain, Smart Operations and Industry 4.0 -- 17. Pricing and Revenue-

Sommario/riassunto

The third edition of this textbook comprehensively discusses global supply chain and operations management (SCOM), combining value creation networks and interacting processes. It focuses on operational roles within networks and presents the quantitative and organizational methods needed to plan and control the material, information, and financial flows in supply chains. Each chapter begins with an introductory case study, while numerous examples from various industries and services help to illustrate the key concepts. The book explains how to design operations and supply networks and how to incorporate suppliers and customers. It examines how to balance supply and demand, a core aspect of tactical planning, before turning to the allocation of resources to meet customer needs. In addition, the book presents state-of-the-art research reflecting the lessons learned from the COVID-19 pandemic, and emerging, fast-paced developments in the digitalization of supply chain and operations management. Providing readers with a working knowledge of global supply chain and operations management, with a focus on bridging the gap between theory and practice, this textbook can be used in core, specialized, and advanced classes alike. It is intended for a broad range of students and professionals in supply chain and operations management.
