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Autore	Garcia-Alcaraz Jorge Luis
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Altri autori (Persone)	Manotas DuqueDiego Fernando González-RamírezRosa Guadalupe Chong ChongMario Gustavo Brito JuniorIrineu de
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Nota di contenuto	Part 1. Supply Chain Procurement -- Chapter 1. Supply Chain Strategies and Methodologies - A Bibliometric Review -- Chapter 2. Using Meta-Learning in Automatic Demand Forecast with Large Number of Products -- Chapter 3. Economic development and high-value supply chains -- Chapter 4. Artificial intelligence-based analysis of material supply costs in ETO companies shifting to mass customization -- Part II. Supply Chain in Production Process -- Chapter 5. Lean-Sigma as a strategy in supply chain management during the COVID-19 pandemic crisis-Lessons learned -- Chapter 6. Development of an expert system focused on improving the supply chain by increasing the availability of equipment -- Chapter 7. Leadership as a strategy for flexibility and resilience in the supply chain -- Part III. Supply chain distribution --

Chapter 8. Demand and inventory management for the creation of an automated information management system: A Case Study applied to an Ecuadorian supermarket -- Chapter 9. Analysis of failure modes and port disruptions in port terminal operations: A case study in the port area of Barranquilla, Colombia.

Sommario/riassunto

This book showcases the successful practices of manufacturing companies in Latin America, highlighting the strategies and technologies they have implemented to produce high-quality products and remain competitive in the market. Divided into three parts, the book covers various aspects of the manufacturing process. Part I presents methodologies and strategies for demand forecasting and raw material procurement, providing insights into how companies are meeting their production needs and managing costs. Part II focuses on methodologies and strategies applied in the production process, exploring the various techniques and practices that companies are utilizing to optimize their manufacturing operations. Finally, Part III lists methodologies and strategies applied to product distribution, demonstrating how companies are delivering their products to market efficiently and effectively. Overall, this book provides a comprehensive overview of the best practices being employed by successful manufacturing companies in Latin America, offering valuable insights for businesses looking to improve their manufacturing processes and remain competitive in today's market.
