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Nota di contenuto	THE GLOBAL MANUFACTURING REVOLUTION: Product-Process-Business Integration and Reconfigurable Systems; Contents; Preface; Acknowledgments; Chapter 1: Globalization and Manufacturing Paradigms; Chapter 2: Product Invention Strategy; Chapter 3: Customized, Personalized and Reconfigurable Products; Chapter 4: Mass Production and Lean Manufacturing; Chapter 5: Analysis of Mass Customization; Chapter 6: Traditional Manufacturing Systems; Chapter 7: Economics of System Design; Chapter 8: Reconfigurable Machines; Chapter 9: Reconfigurable Manufacturing Systems Chapter 10: System Configuration AnalysisChapter 11: Business Models for Global Manufacturing Enterprises; Chapter 12: IT-Based Enterprise Organizational Structure; Chapter 13: Enterprise Globalization Strategies; Chapter 14: The Twenty-first Century Global Manufacturing Enterprise; Appendices; Author Biography; Author Index; Subject Index; Series Plate

Sommario/riassunto

The concrete tools manufacturing enterprises need to thrive in today's global environment. For a manufacturing enterprise to succeed in this current volatile economic environment, a revolution is needed in restructuring its three main components: product design, manufacturing, and business model. The Global Manufacturing Revolution is the first book to focus on these issues. Based on the author's long-standing course work at the University of Michigan, this unique volume proposes new technologies and new business strategies that can increase an enterprise's speed of responsiveness.
