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Descrizione fisica	1 online resource (297 pages)
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Soggetti	Industrial engineering Production engineering Automatic control Robotics Automation Industrial and Production Engineering Control, Robotics, Automation
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Artificial Intelligence in Manufacturing -- Robotic Automation in Manufacturing -- Smart Manufacturing -- Industry 4.0 -- Industrial Internet of Things in Manufacturing -- Big Data in Manufacturing -- 3D Printing/Additive Manufacturing -- Green Manufacturing -- Sustainable Manufacturing -- Lean Manufacturing -- Cloud Manufacturing -- Nano Manufacturing -- Ubiquitous Manufacturing -- Distributed Manufacturing -- Offshore Manufacturing -- Cyber Manufacturing -- Biomanufacturing -- Future of Manufacturing.
Sommario/riassunto	This book provides a comprehensive, illuminating introduction to emerging technologies in manufacturing. The authors discuss each emerging technology in depth and describe how manufacturing organizations are adopting it. Coverage includes artificial intelligence, smart manufacturing, lean manufacturing, robotics, automation, 3D printing, nanotechnology, industrial Internet of things, and augmented

reality.
