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Collana	Knowledge Management and Organizational Learning, , 2199-8663 ; ; 9
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Soggetti	Knowledge management Knowledge representation (Information theory) Robotics Automation Management Industrial management Big data Knowledge Management Knowledge based Systems Robotics and Automation Innovation/Technology Management Big Data/Analytics
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di contenuto	Industry 4.0 and Knowledge Management: An Introduction -- Industry 4.0 and Knowledge Management: A Review of Empirical Studies -- Do Industry 4.0 Technologies Matter When Companies Back-shore Manufacturing Activities? An Explorative Study Comparing Europe and the US -- Knowledge and Digital Strategies in Manufacturing Firms: The Experience of Top Performers -- Industries 4.0 and Creative Industries: Exploring the Relationship between Innovative Knowledge Management Practices and Performance of Innovative Startups in Italy -- Coordinating Knowledge Creation: A Systematic Literature Review on the Interplay Between Operational Excellence and Industry 4.0

Technologies -- Achieving Circular Economy Via The Adoption Of Industry 4.0 Technologies: A Knowledge Management Perspective -- Industrie 4.0: New Paradigms of Value Creation for the Steel Sector.

Sommario/riassunto

The book discusses the opportunities and challenges of managing knowledge in the new reality of Industry 4.0. Addressing paradigmatic changes in value creation due to the development of digital technologies applied to manufacturing (additive manufacturing, IoT, robotics, etc.), it includes theoretical and empirical contributions on how Industry 4.0 technologies allow firms to create and exploit knowledge. The carefully selected expert contributions highlight the potential of these technologies in acquiring knowledge from a larger number of sources and examine approaches to innovation, organization of activities, and stakeholder development in the context of this next industrial revolution.
