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Nota di contenuto	Part I: Models and Methods for Planning in Logistics Autonomous Control of Logistics Processes A Retrospective Explorable Uncertainty meets Decision-Making in Logistics Complex Networks in Manufacturing and Logistics: A Retrospect Recent Developments in Mathematical Traffic Models Part II: Digitalization and Logistics Intelligent Agents for Social and Learning Logistics Systems Semantic Interoperability for Logistics and Beyond Semantic Digital Twins for Retail Logistics A Demand-Response System for Sustainable Manufacturing Using Linked Data and Machine Learning The Influence of Cognitive Biases in Production Logistics Part III: Fields of Application in Logistics Automobile Logistics 4.0Advances through Digitalization15 Years of Intelligent Container Research The Rise of Ultra Large Container Vessels: Implications for Seaport Systems and Environmental Considerations Modeling individualized sustainable last mile logistics Logistics Challenges along the New Silk Roads Observations and Perceptions on a Doctoral Research Seminar in Engineering and Logistics
Sommario/riassunto	This open access book highlights the interdisciplinary aspects of

logistics research. Featuring empirical, methodological, and practice-oriented articles, it addresses the modelling, planning, optimization and control of processes. Chiefly focusing on supply chains, logistics networks, production systems, and systems and facilities for material flows, the respective contributions combine research on classical supply chain management, digitalized business processes, production engineering, electrical engineering, computer science and mathematical optimization. To celebrate 25 years of interdisciplinary and collaborative research conducted at the Bremen Research Cluster for Dynamics in Logistics (LogDynamics), in this book hand-picked experts currently or formerly affiliated with the Cluster provide retrospectives, present cutting-edge research, and outline future research directions.
