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	Nota di contenuto	1 Concepts of Simulation Modeling -- 2 World-Views of Simulation -- 3 WITNESS® Environment -- 4 Basic WITNESS® Modeling Techniques -- 5 Modeling Material Handling Systems -- 6 Basic Probability and Statistics for Simulation -- 7 Simulation Input Modeling -- 8 Simulation Output Analysis -- 9 Model Verification and Validation Techniques -- 10 Simulation Project Management -- 11 Manufacturing Simulation Case Studies -- 12 Service Simulation Case Studies -- 13 Simulation-Based Optimization Methods -- 14 Simulation for Lean Systems -- 15 Simulation for Six Sigma -- Appendix -- Index.
	Sommario/riassunto	"The first book to cover simulation using the popular software WITNESS, Process Simulation Using WITNESS helps professionals understand the theory behind simulation in a simple and practical manner while learning how to build simulation models with the software. This book outlines the role of simulation in contemporary initiatives for lean systems design and operations as well as Six Sigma applications. Emphasizing real-world applications of simulation modeling in both services and manufacturing sectors, the book is suitable for a broad audience, including system, simulation, material handling, layout, and operations engineers"--