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Altri autori (Persone)	Sokolowski John A. <1953-> Banks Catherine M. <1960->
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: Contributors: Preface -- Introduction -- Contemplating a National Strategy for Modeling and Simulation / John A. Sokolowski -- Chapter 1. Modeling and Simulation for Research and Analysis / Catherine M. Banks -- Chapter 2. Human Behavior Modeling: A Real-World Application / John A. Sokolowski -- Chapter 3. Transportation / R. Michael Robinson -- Chapter 4. Homeland Security Risk Modeling / Barry C. Ezell -- Chapter 5. Operations Research / Andrew J. Collins and Christine S. M. Currie -- Chapter 6. Business Process Modeling / Rafael Diaz, Joshua G. Behr, and Mandur Tupule -- Chapter 7. Medical M&S: A Review of Mesh Generation for Medical Simulators / Michele A. Audette, Andrey N. Chernikov, and Nikos Chrisochoides -- Chapter 8. Military Interoperability Challenges / Siakou Diallo and Jose Padilla -- Appendices -- PowerPoint Slides -- Index.
Sommario/riassunto	"This handbook provides a thorough explanation of modeling and simulation in the most useful, current, and predominant applied areas,

such as transportation, homeland security, medicine, operational research, military science, and business modeling. The authors offer a concise look at the key concepts and techniques of modeling and simulation and then discuss how and why the presented domains have become leading applications. The book begins with an introduction of why modeling and simulation is a reliable analysis assessment tool for complex systems problems and then explains why the selected domains are drawn upon to proffer solutions for these problems"--

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