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Edizione	[Second edition.]
Descrizione fisica	1 online resource (746 pages) : illustrations
Collana	New York Academy of Sciences
Disciplina	003/.3
Soggetti	Computer simulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Simulation modeling -- Generating randomness in simulation -- Spreadsheet simulation -- Introduction to simulation in ArenaTM -- Basic process modeling -- Modeling randomness in simulation -- Analyzing simulation output -- Modeling queueing and inventory systems -- Entity movement and material handling -- Miscellaneous topics in ArenaTM modeling -- Application of simulation modeling -- Appendix A : Common distributions -- Appendix B : Statistical tables -- Appendix C : Distributions, operators, functions in ArenaTM -- Appendix D : Queueing theory formulas -- Appendix E : Inventory theory formulas -- Appendix F : Useful equations -- Appendix G : ArenaTM panel modules.
Sommario/riassunto	Emphasizes a hands-on approach to learning statistical analysis and model building through the use of comprehensive examples, problems sets, and software applications With a unique blend of theory and applications, Simulation Modeling and Arena®, Second Edition integrates coverage of statistical analysis and model building to emphasize the importance of both topics in simulation. Featuring introductory coverage on how simulation works and why it matters, the Second Edition expands coverage on static simulation and the applications of spreadsheets to perform simulation. The new edition

