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Titolo	Armenian journal of mathematics
Pubbl/distr/stampa	Yerevan, Armenia, : National Academy of Sciences of Armenia
Descrizione fisica	1 online resource
Soggetti	Mathematics - Armenia Mathematics Periodicals. Armenia
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed
2. Record Nr.	UNINA9910438089803321
Autore	Nelson Barry
Titolo	Foundations and Methods of Stochastic Simulation : A First Course // by Barry Nelson
Pubbl/distr/stampa	New York, NY : , : Springer US : , : Imprint : Springer, , 2013
ISBN	1-4614-6160-X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (283 p.)
Collana	International Series in Operations Research & Management Science, , 2214-7934
Disciplina	519.2
Soggetti	Operations research Management science Computer simulation Operations Research and Decision Theory Operations Research, Management Science Computer Modelling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.

Nota di bibliografia	Includes bibliographical references (pages 267-271) and index.
Nota di contenuto	Why Do We Simulate? -- Simulation Programming: Quick Start -- Examples -- Simulation Programming with VBA _{Sim} -- Two Views of Simulation -- Simulation Input -- Simulation Output -- Experiment Design and Analysis -- Simulation for Research -- VBA _{Sim} .
Sommario/riassunto	This graduate-level text covers modeling, programming and analysis of simulation experiments and provides a rigorous treatment of the foundations of simulation and why it works. It introduces object-oriented programming for simulation, covers both the probabilistic and statistical basis for simulation in a rigorous but accessible manner (providing all necessary background material), and provides a modern treatment of experiment design and analysis that goes beyond classical statistics. The book emphasizes essential foundations throughout, rather than providing a compendium of algorithms and theorems, and prepares the reader to use simulation in research as well as practice. The book is a rigorous but concise treatment, emphasizing lasting principles, but also providing specific training in modeling, programming and analysis. In addition to teaching readers how to do simulation, it also prepares them to use simulation in their research; no other book does this.