

| | |
|--------------------------------|--|
| 1. Record Nr. | UNINA9910895473403321 |
| 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 VBASim -- Two Views of Simulation -- Simulation Input -- Simulation Output -- Experiment Design and Analysis -- Simulation for Research -- VBASim.

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.