

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering)


By George S. Fishman

Download now

Read Online →

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman

"This is an excellent and well-written text on discrete event simulation with a focus on applications in Operations Research. There is substantial attention to programming, output analysis, pseudo-random number generation and modelling and these sections are quite thorough. Methods are provided for generating pseudo-random numbers (including combining such streams) and for generating random numbers from most standard statistical distributions." --ISI Short Book Reviews, 22:2, August 2002

 [Download Discrete-Event Simulation: Modeling, Programming, ...pdf](#)

 [Read Online Discrete-Event Simulation: Modeling, Programming ...pdf](#)

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering)

By George S. Fishman

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman

"This is an excellent and well-written text on discrete event simulation with a focus on applications in Operations Research. There is substantial attention to programming, output analysis, pseudo-random number generation and modelling and these sections are quite thorough. Methods are provided for generating pseudo-random numbers (including combining such streams) and for generating random numbers from most standard statistical distributions." --ISI Short Book Reviews, 22:2, August 2002

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman Bibliography

- Sales Rank: #2846616 in Books
- Published on: 2001-06-27
- Original language: English
- Number of items: 1
- Dimensions: 9.75" h x 7.25" w x 1.25" l, 2.39 pounds
- Binding: Hardcover
- 537 pages

 [Download Discrete-Event Simulation: Modeling, Programming, ...pdf](#)

 [Read Online Discrete-Event Simulation: Modeling, Programming ...pdf](#)

Editorial Review

Review

From the reviews:

"This is an excellent and well-written text on discrete event simulation with a focus on applications in Operations Research. There is substantial attention to programming, output analysis, pseudo-random number generation and modelling and these sections are quite thorough. Methods are provided for generating pseudo-random numbers (including combining such streams) and for generating random numbers from most standard statistical distributions."

ISI Short Book Reviews, Vol. 22/2, August 2002

"This 537-page book is primarily a text to support the teaching of discrete-event simulation for post-graduates and final-year undergraduates. ... The book is a reasonably full, theory based, introduction to the technique of discrete-event simulation. Fishman's earlier texts (1973 and 1978) established themselves as common points of reference and this book is likely to join them. It is worth considering as a course text or as a reference work for simulation users, and certainly as a worthwhile addition to relevant libraries." (B. Hollocks, *Journal of the Operational Research Society*, Vol. 54, 2003)

"This book is a comprehensive text and reference for simulation of continuous-time processes that change state only at discrete, typically random, times. ... The coverage is substantial ... there is considerable detail on simulating particular kinds of interevent distributions and reasonable attention to interpretation and statistical analysis of simulation output ... The SIM-SCRIPT programming language is used to illustrate specific techniques." (Alan F. Karr, *Journal of the American Statistical Association*, December, 2002)

"Besides the good choice of material of the book and its clear and excellent methodological presentation the referee has ... to stress on two points that distinguish Fishman's book positive from others. One is that each chapter finishes with three subchapters – lessons learned, (interesting) exercises, and (actual and voluminous) references. The second one is that the book contains a multitude of accessible through the internet software sources. ... Fishman's book can be highly recommended for practitioners as well as for students and simulation specialists." (P. Köchel, *Operations Research-Spektrum*, Issue 17, 2003)

"This is an excellent and well-written text on discrete event simulation with a focus on applications in Operations Research. There is substantial attention to programming (largely in SIMSCRIPT II.5), output analysis, pseudo-random number generation and modelling and these sections are quite thorough. ... a text that is accessible, coherent and readable on those topics of major interest to 'simulationists' in the management and engineering sciences." (D. L. McLeish, *Short Book Reviews*, August, 2002)

"This book covers the whole life cycle of the discrete-event simulation process ... the author gives an excellent and complete introduction to all aspects related to discrete-event computer simulation. ... this book is highly recommendable either to be used as a text for a course on discrete-event simulation or as a reference for discrete-event simulation, as it provides a balance between theoretical and practical issues, including coding in different simulation languages and plentiful examples which are well developed throughout the book." (Juan de Lara Jaramillo, *Journal of Artificial Societies and Social Simulation* Vol. 5 (3), September, 2002)

"Since students often learn about discrete-event simulation through particular software's modelling, sampling, analysis and reporting capabilities, their skills for overcoming impediments may be severely limited unless they are well versed in the basic concepts of discrete-event simulation. ... This book supplies a mean for providing the needed background. It gives relatively detailed account of the principal methodologies of discrete-event simulation. ... At the end of nearly all chapters are exercises, which are well described." (Barbara Pototschnig, Simulation News Europe, Issue 34, 2002)

"Once a simulation procedure is adopted, one must apply the simulation techniques interactively with the adaptation of the modelling techniques In this context the book is a valuable basis for acquiring the necessary skills The book is highly recommended as an introductory course for graduate and advanced undergraduate students in the mathematical and engineering sciences, particularly operations research, industrial engineering, operations management ... and to the professionals in these fields who are interested to broaden their knowledge of discrete-event simulation." (Mihail Voicu, Zentralblatt MATH, Vol. 973, 2001)

Users Review

From reader reviews:

Christi Potter:

The book Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) can give more knowledge and information about everything you want. Why then must we leave the good thing like a book Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering)? A number of you have a different opinion about publication. But one aim in which book can give many details for us. It is absolutely correct. Right now, try to closer with your book. Knowledge or information that you take for that, you could give for each other; you can share all of these. Book Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) has simple shape but you know: it has great and massive function for you. You can appear the enormous world by open up and read a guide. So it is very wonderful.

Bertie Lewis:

As people who live in the actual modest era should be up-date about what going on or details even knowledge to make these keep up with the era which is always change and progress. Some of you maybe will certainly update themselves by reading through books. It is a good choice to suit your needs but the problems coming to a person is you don't know what kind you should start with. This Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) is our recommendation to make you keep up with the world. Why, since this book serves what you want and wish in this era.

Mary Buss:

A lot of people always spent their particular free time to vacation or maybe go to the outside with them household or their friend. Do you realize? Many a lot of people spent these people free time just watching

TV, or perhaps playing video games all day long. If you wish to try to find a new activity that is look different you can read a new book. It is really fun for yourself. If you enjoy the book that you read you can spent all day every day to reading a reserve. The book Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) it is very good to read. There are a lot of individuals who recommended this book. They were enjoying reading this book. Should you did not have enough space to create this book you can buy often the e-book. You can m0ore very easily to read this book from a smart phone. The price is not too costly but this book provides high quality.

Joshua Hsu:

Don't be worry should you be afraid that this book can filled the space in your house, you will get it in e-book method, more simple and reachable. This kind of Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) can give you a lot of buddies because by you considering this one book you have thing that they don't and make you more like an interesting person. This book can be one of one step for you to get success. This e-book offer you information that probably your friend doesn't recognize, by knowing more than other make you to be great men and women. So , why hesitate? Let's have Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering).

Download and Read Online Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman #G3DR9BQSXVA

Read Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman for online ebook

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman books to read online.

Online Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman ebook PDF download

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman Doc

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman Mobipocket

Discrete-Event Simulation: Modeling, Programming, and Analysis (Springer Series in Operations Research and Financial Engineering) By George S. Fishman EPub