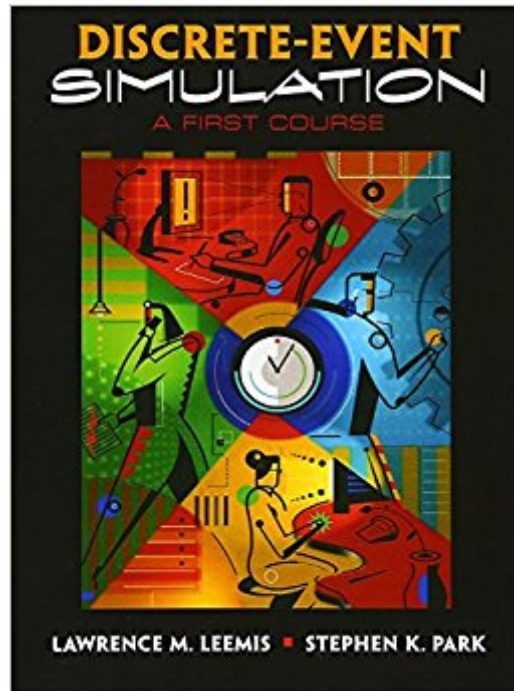




Ebook Directory
the best source of ebook

The book was found

Discrete-Event Simulation: A First Course



Synopsis

This volume introduces computational and mathematical techniques for modeling, simulating, and analyzing the performance of various systems. Helps readers gain a better understanding of how systems operate and respond to change by: 1) helping them begin to model, simulate, and analyze simple-but-representative systems as soon as possible; and 2) whenever possible, encouraging the experimental exploration and self-discovery of theoretical results before their formal presentation. Features an approachable writing style that emphasizes concepts and insight without sacrificing rigor. Provides C software as source code for running simulations developed in the book, eliminating the need for readers to do all their programming from scratch. Emphasizes an algorithmic approach throughout. A useful reference for industrial engineers.

Book Information

Paperback: 624 pages

Publisher: Pearson; 1 edition (January 6, 2006)

Language: English

ISBN-10: 0131429175

ISBN-13: 978-0131429178

Product Dimensions: 7 x 1.4 x 9.1 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 3 customer reviews

Best Sellers Rank: #196,062 in Books (See Top 100 in Books) #34 in Books > Computers & Technology > Computer Science > Computer Simulation #141 in Books > Textbooks > Engineering > Industrial Engineering #274 in Books > Computers & Technology > Computer Science > AI & Machine Learning

Customer Reviews

It is a helpful text that is pretty clear and highlights important features that are useful. It is a good product.

This textbook provided me with a solid introduction to a complex but interesting field of study. As a computer science student, it provided me with a much-needed understanding of mathematical topics (random variate generation and statistics) while keeping me interested with challenging programming problems. I have picked up a copy of the popular simulation textbook "Simulation Modeling and Analysis" since taking my "Discrete Event Simulation" course. While the two books

cover similar material, I think that "Discrete Event Simulation" moves through the material faster, focuses on some of the more important (and challenging) issues, and keeps the reader more engaged along the way. Considering how widely modeling and simulation are used in science, engineering, and business today, I think that a course based on this book would be a valuable addition to many undergraduate and graduate curricula.

This is good book\,while I did not really understand them all. I bought this book for Modeling and simulation class. Because it was online class. I really read this book. I could not read the whole contents but I read most of it. Random number theory was very interesting.

[Download to continue reading...](#)

Discrete-Event Simulation: A First Course
Event Planning: Management & Marketing For Successful Events: Become an event planning pro & create a successful event series
Discrete-Event System Simulation (5th Edition)
The Business of Event Photography: The Nuts & Bolts for Novice Event Photographers
Event Planning: Plan Events Like a Professional, Impress Your Clients and be Your Own Boss in 12 Simple Steps (event planning, experience, organise, manage, ... be your own boss, work from home Book 4)
Introduction to Discrete Event Systems
Atmospheric and Space Flight Dynamics: Modeling and Simulation with MATLAB® and Simulink® (Modeling and Simulation in Science, Engineering and Technology)
Molecular Simulation Studies on Thermophysical Properties: With Application to Working Fluids (Molecular Modeling and Simulation)
A First Course in Discrete Dynamical Systems (Universitext)
A First Course in Discrete Mathematics (Springer Undergraduate Mathematics Series)
Holt Literature & Language Arts Warriner's Handbook California: Student Edition Grade 7 First Course CA First Course 2010 Holt Traditions Warriner's Handbook: Language and Sentence Skills Practice First Course Grade 7 First Course
Negotiating Business Transactions: An Extended Simulation Course (Aspen Coursebook)
First Principles of Discrete Systems and Digital Signal Processing (Addison-Wesley Series in Electrical Engineering)
Classical Piano Solos - First Grade: John Thompson's Modern Course Compiled and edited by Philip Low, Sonya Schumann & Charmaine Siagian (John Thompson's Modern Course for the Piano)
First Things First: Understand Why So Often Our First Things Aren't First
Strategic Sports Event Management: Third edition
Mental Combat: The Sports Psychology Secrets You Can Use to Dominate Any Event! (Martial Arts, Fitness, Boxing and MMA Performance)
Mental Combat: The Sports Psychology Secrets You Can Use to Dominate Any Event!
History in Three Keys: The Boxers as Event, Experience, and Myth

Contact Us

DMCA

Privacy

FAQ & Help