



## Introduction to Discrete Event Simulation and Agent-based Modeling: Voting Systems, Health Care, Military, and Manufacturing (Paperback)

By Theodore T. Allen

Springer London Ltd, United Kingdom, 2014. Paperback. Condition: New. 2011 ed.. Language: English . Brand New Book. Discrete event simulation and agent-based modeling are increasingly recognized as critical for diagnosing and solving process issues in complex systems. Introduction to Discrete Event Simulation and Agent-based Modeling covers the techniques needed for success in all phases of simulation projects. These include: \* Definition - The reader will learn how to plan a project and communicate using a charter. \* Input analysis - The reader will discover how to determine defensible sample sizes for all needed data collections. They will also learn how to fit distributions to that data. \* Simulation - The reader will understand how simulation controllers work, the Monte Carlo (MC) theory behind them, modern verification and validation, and ways to speed up simulation using variation reduction techniques and other methods. \* Output analysis - The reader will be able to establish simultaneous intervals on key responses and apply selection and ranking, design of experiments (DOE), and black box optimization to develop defensible improvement recommendations. \* Decision support - Methods to inspire creative alternatives are presented, including lean production. Also, over one hundred solved problems are provided and two full...

DOWNLOAD



READ ONLINE

[ 4.88 MB ]

### Reviews

*This is basically the very best publication i actually have go through until now. It really is loaded with knowledge and wisdom I realized this publication from my i and dad encouraged this publication to discover.*

-- **Bryana Klocko III**

*This sort of book is almost everything and helped me looking in advance and much more. Yes, it can be enjoy, nevertheless an amazing and interesting literature. Its been written in an extremely simple way which is simply right after i finished reading this publication through which in fact altered me, alter the way i really believe.*

-- **Lizeth Witting**

## You May Also Like



### **Because It Is Bitter, and Because It Is My Heart (Plume)**

Plume. PAPERBACK. Book Condition: New. 0452265819 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!!!! \* I am a reputable...



### **Weebies Family Halloween Night English Language: English Language British Full Colour**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and Junior Children how to read with this...



### **Way it is**

Second Story Press. Paperback. Book Condition: new. BRAND NEW, Way it is, Donalda Reid, It's the 1960s - the time for equal rights, peace, and love. But for Ellen Manery, it's the time to work hard and finish high school early. She'd...



### **Trucktown: It is Hot (Pink B)**

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Trucktown: It is Hot (Pink B), Jon Scieszka, This title is part of Bug Club, the first whole-school reading programme that joins books with an online reading world to teach today's children to...



### **Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values**

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in. Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead. Academic exercises are based on Common Core...



### **The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)**

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to give your child an academically rigorous, comprehensive...