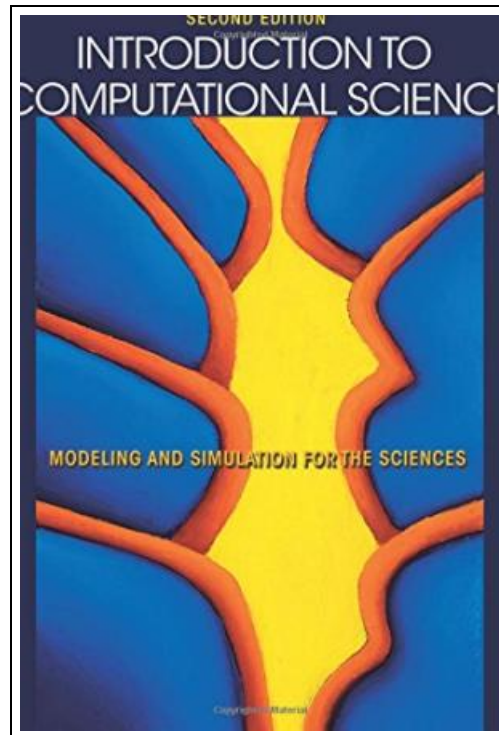


Introduction to Computational Science: Modeling and Simulation for the Sciences (Hardback)



Filesize: 3.51 MB

Reviews

The best book i at any time read. I am quite late in start reading this one, but better then never. I realized this publication from my dad and i advised this book to understand.

(Raina Simonis)

INTRODUCTION TO COMPUTATIONAL SCIENCE: MODELING AND SIMULATION FOR THE SCIENCES (HARDBACK)



Princeton University Press, United States, 2014. Hardback. Book Condition: New. 2nd Revised edition. 258 x 182 mm. Language: English . Brand New Book. Computational science is an exciting new field at the intersection of the sciences, computer science, and mathematics because much scientific investigation now involves computing as well as theory and experiment. This textbook provides students with a versatile and accessible introduction to the subject. It assumes only a background in high school algebra, enables instructors to follow tailored pathways through the material, and is the only textbook of its kind designed specifically for an introductory course in the computational science and engineering curriculum. While the text itself is generic, an accompanying website offers tutorials and files in a variety of software packages. This fully updated and expanded edition features two new chapters on agent-based simulations and modeling with matrices, ten new project modules, and an additional module on diffusion. Besides increased treatment of high-performance computing and its applications, the book also includes additional quick review questions with answers, exercises, and individual and team projects. * The only introductory textbook of its kind--now fully updated and expanded* Features two new chapters on agent-based simulations and modeling with matrices* Increased coverage of high-performance computing and its applications* Includes additional modules, review questions, exercises, and projects* An online instructor s manual with exercise answers, selected project solutions, and a test bank and solutions (available only to professors)* An online illustration package is available to professors.



[Read Introduction to Computational Science: Modeling and Simulation for the Sciences \(Hardback\) Online](#)



[Download PDF Introduction to Computational Science: Modeling and Simulation for the Sciences \(Hardback\)](#)

Related Books

**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...

[Save eBook »](#)

**My Life as an Experiment: One Man s Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests**

SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English . Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts...

[Save eBook »](#)

**The Vacation Religious Day School; Teacher s Manual of Principles and Programs**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download...

[Save eBook »](#)

**A Cathedral Courtship (Dodo Press)**

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author...

[Save eBook »](#)

**Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Save eBook »](#)