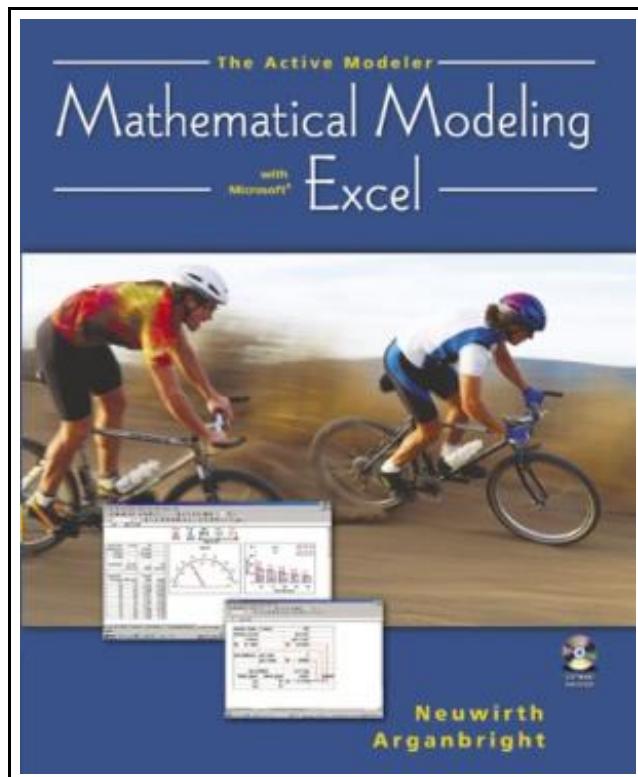


The Active Modeler: Mathematical Modeling with Microsoft Excel



Filesize: 4.25 MB

Reviews

This is an remarkable publication that I have ever read. Indeed, it is actually engage in, nevertheless an interesting and amazing literature. I am just happy to inform you that this is the best publication i have got go through during my personal lifestyle and may be he finest ebook for actually.
(Toby Baumbach)

THE ACTIVE MODELER: MATHEMATICAL MODELING WITH MICROSOFT EXCEL

[DOWNLOAD](#)

Cengage Learning, 2003. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Prologue. Preface. 1. Introductory Models. Fibonacci Numbers. Growth Models. Extended Growth Models. Comparing Different Growth Models. 2. Dynamical Models and Difference Equations. Simple Epidemics. Harvesting Models. Population Dynamics. A Predator-Prey Model. Iterated Maps and Functions. More about Iterated Functions. The Feigenbaum Diagram. Sierpinski's Triangle. 3. Physics Applications. Simple Projectile Motion. Projectile Motion with Air Resistance. Planetary Orbits: Half Step Method. The Shape of the Moon's Orbit. Heat Propagation. 4. Number Theory. Numbers in Different Bases. Decimal Expansions. Greatest Common Divisor. Sieve of Eratosthenes. 5. Functions and Graphing. Graphing I: Basic Techniques. Graphing II: Polar and Parametric Equations. Bezier Curves. Bisection Algorithm. The Newton and Secant Methods. Fitting a Curve to Data. The Binomial Coefficients. 6. Creative Mathematics in Everyday Settings. A Bicycle Investigation. Ski Racing. The Golden Ratio. Paper Formats. Game of Life. Problems to Solve by Yourself. 7. Combinatorics and Probability. Birthday Problem. Birth Control: The Geometric Distribution. Genetics: The Hardy-Weinberg Principle. Simulation. 8. Finding Optimal Solutions. Optimal Bridge Location. Apportionment Algorithms. Medicine Dosage. Inventory Control. Game Theory. Appendices: 1. Spreadsheet Basics and Book Conventions. 2. Functions and Additional Spreadsheet Features. 3. Spreadsheet Graphing Fundamentals. 4. Additional Spreadsheet Graphing Techniques. 5. Interactive Spreadsheet Tools. 6. Reformatting Models for User Interaction. 7. Adding Interactive Tools to Excel Models.

[Read The Active Modeler: Mathematical Modeling with Microsoft Excel Online](#)[Download PDF The Active Modeler: Mathematical Modeling with Microsoft Excel](#)

Relevant eBooks



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE

CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Save eBook »](#)



The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition.

A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB...

[Save eBook »](#)



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

[Save eBook »](#)



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

[Save eBook »](#)



Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2005 Pages: 815 Publisher: the Chinese teenager Shop Books all book....

[Save eBook »](#)