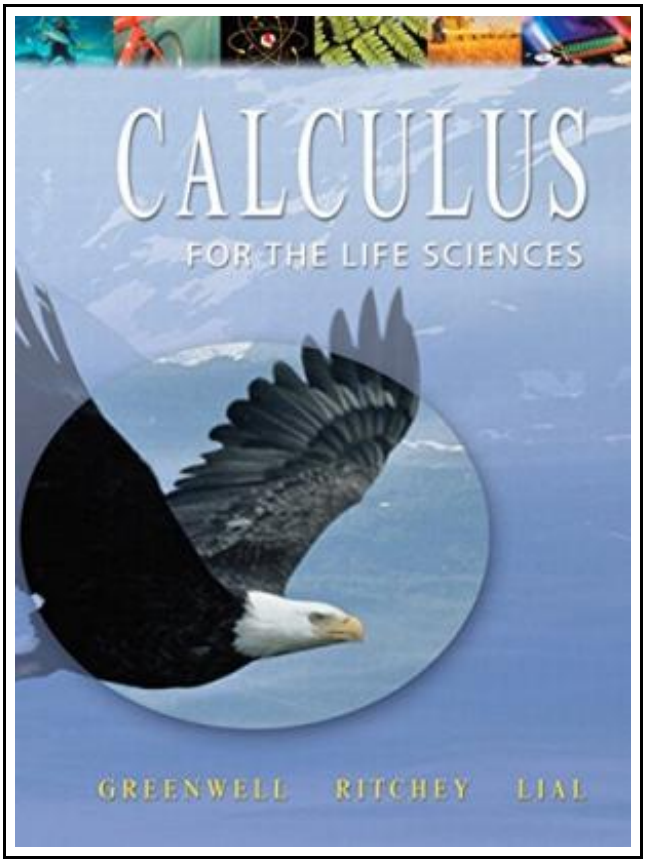
Calculus with Applications for the Life Sciences



Filesize: 4.05 MB

Reviews

This is basically the very best book we have go through until now. I have got read and i also am confident that i am going to gonna study once again again in the future. I am just very happy to inform you that this is basically the very best ebook we have read inside my own life and might be he very best publication for at any time.

(Angus Hickle)

CALCULUS WITH APPLICATIONS FOR THE LIFE SCIENCES

DOWNLOAD

Pearson, 2002. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: R. Algebra Reference. Polynomials. Factoring. Rational Expressions. Equations. Inequalities. Exponents. Radicals. 1. Functions. Lines and Linear Functions. The Least Squares Line. Properties of Functions. Quadratic Functions; Translation and Reflection. Polynomial and Rational Functions. 2. Exponential, Logarithmic, and Trigonometric Functions. Exponential Functions. Logarithmic Functions. Applications: Growth and Decay. Trigonometric Functions. 3. The Derivative. Limits. Continuity. Rates of Change. Definition of the Derivative. Graphical Differentiation. 4. Calculating the Derivative. Techniques for Finding Derivatives. Derivatives of Products and Quotients. The Chain Rule. Derivatives of Exponential Functions. Derivatives of Logarithmic Functions. Derivatives of Trigonometric Functions. 5. Graphs and the Derivative. Increasing and Decreasing Functions. Relative Extrema. Higher Derivatives, Concavity, and the Second Derivative Test. Curve Sketching. 6. Applications of the Derivative. Absolute Extrema. Applications of Extrema. Implicit Differentiation. Related Rates. Differentials: Linear Approximation. 7. Integration. Antiderivatives. Substitution. Area and the Definite Integral. The Fundamental Theorem of Calculus. Integrals of Trigonometric Functions. The Area Between Two Curves. 8. Further Techniques and Applications of Integration. Numerical Integration. Integration by Parts. Volume and Average Value. Improper Integrals. 9. Multivariable Calculus. Functions of Several Variables. Partial Derivatives. Maxima and Minima. Total Differentials and Approximations. Double Integrals. 10. Linear Algebra. Solution of Linear Systems. Addition and Subtraction of Matrices. Multiplication of Matrices. Matrix Inverses. Eigenvalues and Eigenvectors. 11. Differential Equations. Solutions of Elementary and Separable Differential Equations. Linear First-Order Differential Equations. Euler's Method. Linear Systems of Differential Equations. Nonlinear Systems of Differential Equations. Applications of Differential Equations. 12. Probability. Sets. Introduction to Probability. Conditional Probability; Independent Events; Bayes' Theorem. Discrete Random Variables; Applications to Decision Making. 13. Probability and Calculus. Continuous Probability Models. Expected Value and Variance of Continuous Random Variables. Special Probability Density Functions.

Read Calculus with Applications for the Life Sciences Online
Download PDF Calculus with Applications for the Life Sciences

Relevant PDFs



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 ePub »



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 ePub »



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 ePub »



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 ePub »



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

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 ePub »