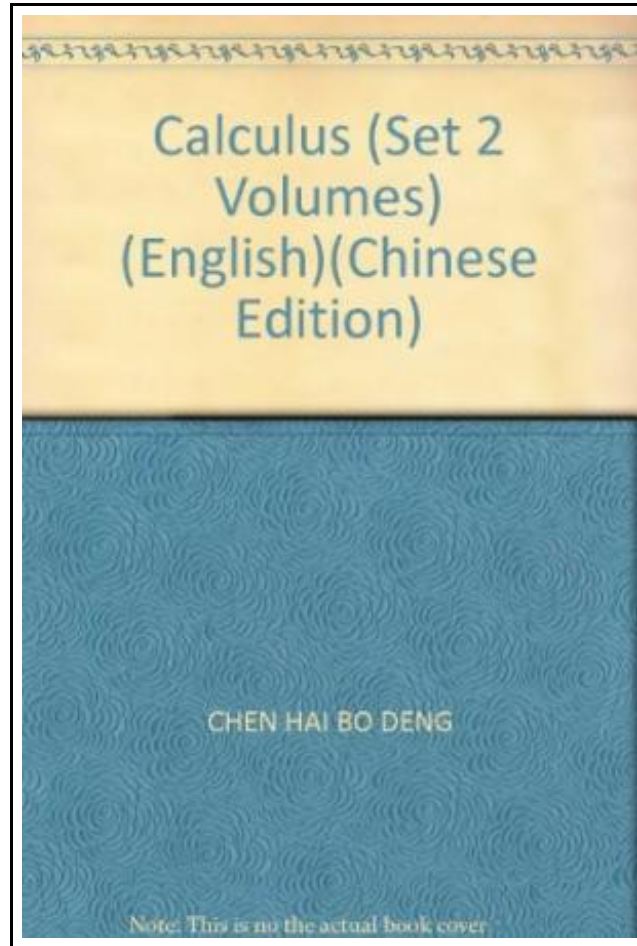


Calculus (2 Volumes)



Filesize: 7.34 MB

Reviews

*Extensive guideline! Its this kind of very good study. It really is full of knowledge and wisdom I discovered this book from my i and dad encouraged this publication to understand.
(Mr. Jerry Littel)*

CALCULUS (2 VOLUMES)

DOWNLOAD



Central South University Press, 2009. Soft cover. Book Condition: New. 185*260mm. This is a student textbook covering essential topics in calculus usually taught in the early stages of science and engineering students in China. The requirements of such students have influenced its content and presentation helped in many ways by the authors long and continuous experience of teaching mathematical methods to various degree students in Central South University. It is divided into two volumes. The first volume contains Calculus of single variable and infinite series. The second volume consists of Calculus of multivariable with analysis geometrics and ordinary differential equations. Chapter 1 Functions and Limits 1.1 Functions 1.2 Limits of sequence of number 1.3 Limit of functions 1.4 The operation of limits 1.5 The principle for existence of limits 1.6 Two important limits 1.7 Continuity of functions 1.8 Infinitesimal and infinity quantity, the order for infinitesimals Chapter 2 Derivatives and Differentials 2.1 The concepts of the derivative 2.2 The rules of derivation 2.3 Higher-order derivatives and differentials of functions 2.4 Differential skill Chapter 3 Mean Value Theorems and Applications of Derivatives 3.1 Mean value theorems 3.2 L'Hospital's rule 3.3 Properties of functions 3.4 Differentiation of arc length and curvature Chapter 4 Indefinite Integrals 4.1 Concept and properties of indefinite integral 4.2 Integration by substitution 4.3 Integration by parts 4.4 Integration of a several kinds of special functions Chapter 5 The Definite Integral and Its Applications 5.1 Definition of definite integrals 5.2 Properties of definite integrals 5.3 The fundamental theorem of calculus 5.4 Techniques for the computation of definite integrals 5.5 Improper integrals 5.6 Applications of definite integrals Chapter 6 Infinite Series 6.1 Series with constant terms 6.2 Power series 6.3 Taylor's series 6.4 Fourier series 6.5 Expand a function into the sine series and cosine series Answers Calculus Volume 1 Chapter 7 Analytic Geometry in Space and Vector Algebra...



[Read Calculus \(2 Volumes\) Online](#)



[Download PDF Calculus \(2 Volumes\)](#)

Related PDFs



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save eBook »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save eBook »](#)



Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can usually download a free...

[Save eBook »](#)



McGraw-Hill Reading Phonics And Phonemic Awareness Practice Book, Grade 3 (2001 Copyright)

McGraw-Hill, 2001. Soft cover. Book Condition: Brand New. Dust Jacket Condition: No Dust Jacket. Brand New 2001 Copyright, Grade 3 Student Phonics And Phonemic Awareness Practice Book With Units 1-6, Unit Reviews, Take-Home Stories, Illustrations...

[Save eBook »](#)



Look Up, Look Down! (Pink A)

Pearson Education Limited. Book Condition: New. This title is part of Pearson's Bug Club - the first whole-school reading programme that joins books and an online reading world to teach today's children to read. In...

[Save eBook »](#)