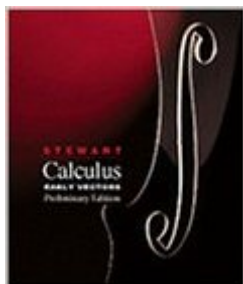


The book was found

Calculus: Early Vectors, Preliminary Edition



Synopsis

Once again keeping a keen ear to the needs of the evolving calculus community, Stewart created this text at the suggestion and with the collaboration of professors in the mathematics department at Texas A&M University. With an early introduction to vectors and vector functions, the approach is ideal for engineering students who use vectors early in their curriculum. Stewart begins by introducing vectors in Chapter 1, along with their basic operations, such as addition, scalar multiplication, and dot product. The definition of vector functions and parametric curves is given at the end of Chapter 1 using a two-dimensional trajectory of a projectile as motivation. Limits, derivatives, and integrals of vector functions are interwoven throughout the subsequent chapters. As with the other texts in his Calculus series, in *Early Vectors* Stewart makes us of heuristic examples to reveal calculus to students. His examples stand out because they are not just models for problem solving or a means of demonstrating techniques - they also encourage students to develop an analytic view of the subject. This heuristic or discovery approach in the examples give students an intuitive feeling for analysis. In the Preliminary Edition, Stewart incorporates a focus on problem solving; meticulously attends to accuracy; patiently explains the concepts and examples; and includes the same carefully graded problems that make his other texts work so well for a wide range of students.

Book Information

Paperback: 1050 pages

Publisher: Brooks Cole; 1 edition (August 14, 1998)

Language: English

ISBN-10: 0534349412

ISBN-13: 978-0534349417

Product Dimensions: 10 x 8.5 x 1.6 inches

Shipping Weight: 4.6 pounds

Average Customer Review: 4.3 out of 5 stars 15 customer reviews

Best Sellers Rank: #1,070,505 in Books (See Top 100 in Books) #80 in [Books > Science & Math > Mathematics > Applied > Vector Analysis](#) #1213 in [Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Elementary](#) #1415 in [Books > Textbooks > Science & Mathematics > Mathematics > Calculus](#)

Customer Reviews

The late James Stewart received his M.S. from Stanford University and his Ph.D. from the

University of Toronto. He did research at the University of London and was influenced by the famous mathematician George Polya at Stanford University. Stewart was most recently Professor of Mathematics at McMaster University, and his research field was harmonic analysis. Stewart was the author of a best-selling calculus textbook series published by Cengage Learning, including CALCULUS, CALCULUS: EARLY TRANSCENDENTALS, and CALCULUS: CONCEPTS AND CONTEXTS, as well as a series of precalculus texts.

As always, Stewart is the Godfather of Calculus. This book really trims the fat and gets you straight into vectors.

Really needed this in my class

Came as expected.

so far so good.

Got this for a class, it was pretty helpful and worked well.

As described. Excellent transaction.

perfect book excellent service, Best place to buy book, fast service, Great packing, recommend highly. * * 8 8 *

As far as the actual value of this book as apposed to choosing another, I have no frame of reference to make a judgement. It appears to cover most topics of Calculus..

[Download to continue reading...](#)

Calculus: Early Vectors, Preliminary Edition Bundle: Calculus: Early Transcendentals, Loose-Leaf Version, 8th + WebAssign Printed Access Card for Stewart's Calculus: Early Transcendentals, 8th Edition, Multi-Term Transformations Of Coordinates, Vectors, Matrices And Tensors Part I: LAGRANGE'S EQUATIONS, HAMILTON'S EQUATIONS, SPECIAL THEORY OF RELATIVITY AND CALCULUS ... Mathematics From 0 And 1 Book 16) Single Variable Calculus: Early Transcendentals Plus MyMathLab with Pearson eText -- Access Card Package (2nd Edition) (Briggs/Cochran/Gillett Calculus 2e) Student Solutions Manual for Stewart's Single Variable

Calculus: Early Transcendentals, 8th (James Stewart Calculus) Adenoviral Vectors for Gene Therapy, Second Edition Calculus For Biology and Medicine (3rd Edition) (Calculus for Life Sciences Series) Finite Mathematics and Calculus with Applications Plus MyMathLab with Pearson eText -- Access Card Package (10th Edition) (Lial, Greenwell & Ritchey, The Applied Calculus & Finite Math Series) Vectors, Tensors and the Basic Equations of Fluid Mechanics (Dover Books on Mathematics) Vectors to Spare: The Life of an Air Traffic Controller Structural Geology Algorithms: Vectors and Tensors Vectors and Tensors By Example: Including Cartesian Tensors, Quaternions, and Matlab Examples Geometrical Vectors (Chicago Lectures in Physics) Combinatorics: Set Systems, Hypergraphs, Families of Vectors and Combinatorial Probability A Student's Guide to Vectors and Tensors Arthropods as Vectors of Emerging Diseases (Parasitology Research Monographs) Student Solutions Manual for Stewart/Day's Calculus for Life Sciences and Biocalculus: Calculus, Probability, and Statistics for the Life Sciences Calculus for Biology and Medicine (Calculus for Life Sciences Series) Calculus, Vol. 2: Multi-Variable Calculus and Linear Algebra with Applications to Differential Equations and Probability Principles of Tensor Calculus: Tensor Calculus

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)