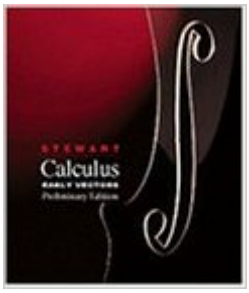
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Calculus: Early Vectors, Preliminary Edition



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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

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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..

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