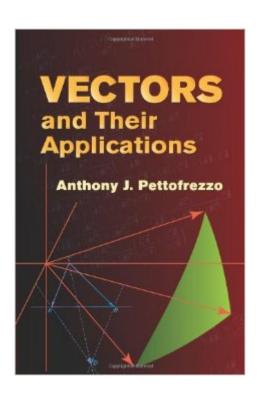
The book was found

Vectors And Their Applications (Dover Books On Mathematics)





Synopsis

Geared toward undergraduate students, this text illustrates the use of vectors as a mathematical tool in plane synthetic geometry, plane and spherical trigonometry, and analytic geometry of two-and three-dimensional space. Its rigorous development includes a complete treatment of the algebra of vectors in the first two chapters. Among the text's outstanding features are numbered definitions and theorems in the development of vector algebra, which appear in italics for easy reference. Most of the theorems include proofs, and coordinate position vectors receive an in-depth treatment. Key concepts for generalized vector spaces are clearly presented and developed, and 57 worked-out illustrative examples aid students in mastering the concepts. A total of 258 exercise problems offer supplements to theories or provide the opportunity to reinforce the understanding of applications, and answers to odd-numbered exercises appear at the end of the book.

Book Information

Series: Dover Books on Mathematics

Paperback: 144 pages

Publisher: Dover Publications (September 8, 2005)

Language: English

ISBN-10: 0486445216

ISBN-13: 978-0486445212

Product Dimensions: 6.2 x 0.3 x 9.2 inches

Shipping Weight: 7.7 ounces (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars Â See all reviews (1 customer review)

Best Sellers Rank: #1,791,059 in Books (See Top 100 in Books) #129 in Books > Science &

Math > Mathematics > Applied > Vector Analysis #395434 in Books > Reference

Customer Reviews

A great book to review this topic and build on what you know.

Download to continue reading...

Vectors and Their Applications (Dover Books on Mathematics) Vectors, Tensors and the Basic Equations of Fluid Mechanics (Dover Books on Mathematics) An Introduction to Differential Equations and Their Applications (Dover Books on Mathematics) 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) The

Ark of Mathematics Part 3: Proving Vectors and Vector Products Calculus with Vectors (Springer Undergraduate Texts in Mathematics and Technology) Jokes For Kids - Joke Books: Funny Books: Kids Books: Books for kids age 9 12: Best Jokes 2016 (kids books, jokes for kids, books for kids 9-12, ... funny jokes, funny jokes for kids) (Volume 1) Mathematics and the Imagination (Dover Books on Mathematics) Curvature in Mathematics and Physics (Dover Books on Mathematics) Foundations and Fundamental Concepts of Mathematics (Dover Books on Mathematics) The Historical Roots of Elementary Mathematics (Dover Books on Mathematics) Concepts of Modern Mathematics (Dover Books on Mathematics) Mathematics for the Nonmathematician (Dover Books on Mathematics) Vector and Tensor Analysis with Applications (Dover Books on Mathematics) Graph Theory with Applications to Engineering and Computer Science (Dover Books on Mathematics) Applications of Tensor Analysis (Dover Books on Mathematics) Introduction to Vectors and Tensors Volume 1: Linear and Multilinear Algebra (Mathematical Concepts and Methods in Science and Engineering) Structural Geology Algorithms: Vectors and Tensors A Student's Guide to Vectors and Tensors Arthropods as Vectors of Emerging Diseases (Parasitology Research Monographs)

Dmca