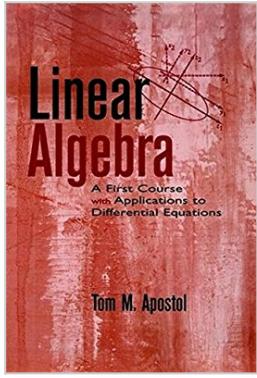


By Tom M. Apostol



Download now

Read Online 

By Tom M. Apostol

Developed from the author's successful two-volume Calculus text this book presents Linear Algebra without emphasis on abstraction or formalization. To accommodate a variety of backgrounds, the text begins with a review of prerequisites divided into precalculus and calculus prerequisites. It continues to cover vector algebra, analytic geometry, linear spaces, determinants, linear differential equations and more.

 [Download ...pdf](#)

 [Read Online ...pdf](#)

By Tom M. Apostol

By Tom M. Apostol

Developed from the author's successful two-volume Calculus text this book presents Linear Algebra without emphasis on abstraction or formalization. To accommodate a variety of backgrounds, the text begins with a review of prerequisites divided into precalculus and calculus prerequisites. It continues to cover vector algebra, analytic geometry, linear spaces, determinants, linear differential equations and more.

By Tom M. Apostol Bibliography

- Sales Rank: #546954 in Books
- Published on: 1997-07-15
- Original language: English
- Number of items: 1
- Dimensions: 10.35" h x .89" w x 7.17" l, 1.43 pounds
- Binding: Hardcover
- 347 pages

 [Download ...pdf](#)

 [Read Online ...pdf](#)

Download and Read Free Online By Tom M. Apostol

Editorial Review

From the Publisher

Developed from the author's successful two-volume Calculus text this book presents Linear Algebra without emphasis on abstraction or formalization. To accommodate a variety of backgrounds, the text begins with a review of prerequisites divided into precalculus and calculus prerequisites. It continues to cover vector algebra, analytic geometry, linear spaces, determinants, linear differential equations and more.

From the Back Cover

A first course with applications to differential equations

This text provides ample coverage of major topics traditionally taught in a first course on linear algebra: linear spaces, independence, orthogonality, linear transformations, matrices, eigenvalues, and quadratic forms. The last three chapters describe applications to differential equations. Although much of the material has been extracted from the author's two-volume Calculus, the present text is designed to be independent of the Calculus volumes. Some topics have been revised or rearranged, and some new material has been added (for example, the triangularization theorem and the Jordan normal form). A review chapter contains precalculus prerequisites needed for the material on linear algebra in Chapters 1 through 7 and calculus prerequisites needed for the applications to differential equations in Chapters 8 through 10.

Special features

- Clarity of exposition that has characterized four decades of the author's writings
- Well-chosen examples and classroom-tested exercises that increase understanding of the concepts
- An arrangement of material that accommodates a variety of backgrounds and interests
- Early chapters on vectors and geometry that motivate abstract concepts in later chapters
- The exponential matrix explored through an interplay between linear algebra and matrix calculus

About the Author

TOM M. APOSTOL, Emeritus Professor at the California Institute of Technology, is the author of several highly regarded texts on calculus, analysis, and number theory, and is Director of Project MATHEMATICS!, a series of computer-animated mathematics videotapes.

Users Review

From reader reviews:

Ismael Roop:

In other case, little persons like to read book . You can choose the best book if you'd prefer reading a book. Providing we know about how is important some sort of book . You can add expertise and of course you can around the world by the book. Absolutely right, because from book you can realize everything! From your country until finally foreign or abroad you may be known. About simple issue until wonderful thing you may know that. In this era, we are able to open a book or maybe searching by internet device. It is called e-book. You need to use it when you feel fed up to go to the library. Let's study.

Sheila Gallagher:

Information is provisions for individuals to get better life, information currently can get by anyone at everywhere. The information can be a information or any news even a problem. What people must be consider any time those information which is in the former life are challenging to be find than now could be taking seriously which one is acceptable to believe or which one often the resource are convinced. If you find the unstable resource then you obtain it as your main information you will have huge disadvantage for you. All those possibilities will not happen in you if you take as your daily resource information.

Hal Clemens:

Do you one of the book lovers? If so, do you ever feeling doubt if you are in the book store? Try to pick one book that you never know the inside because don't ascertain book by its protect may doesn't work the following is difficult job because you are afraid that the inside maybe not since fantastic as in the outside appear likes. Maybe you answer can be why because the wonderful cover that make you consider in regards to the content will not disappoint you. The inside or content is actually fantastic as the outside as well as cover. Your reading sixth sense will directly direct you to pick up this book.

Staci Eager:

As a scholar exactly feel bored to be able to reading. If their teacher questioned them to go to the library or to make summary for some guide, they are complained. Just minor students that has reading's spirit or real their interest. They just do what the educator want, like asked to the library. They go to generally there but nothing reading very seriously. Any students feel that reading is not important, boring in addition to can't see colorful photographs on there. Yeah, it is to get complicated. Book is very important for you. As we know that on this era, many ways to get whatever we would like. Likewise word says, ways to reach Chinese's country. So , this can make you sense more interested to read.

Download and Read Online By Tom M. Apostol #30X6CHP4Y2N

Read By Tom M. Apostol for online ebook

By Tom M. Apostol Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read By Tom M. Apostol books to read online.

Online By Tom M. Apostol ebook PDF download

By Tom M. Apostol Doc

By Tom M. Apostol Mobipocket

By Tom M. Apostol EPub

30X6CHP4Y2N: By Tom M. Apostol