



Linear Algebra (Hardback)

By Larry Smith

Springer-Verlag New York Inc., United States, 1998. Hardback. Book Condition: New. 3rd ed. 1998. 234 x 160 mm. Language: English . Brand New Book. This popular and successful text was originally written for a one-semester course in linear algebra at the sophomore undergraduate level. Consequently, the book deals almost exclusively with real finite dimensional vector spaces, but in a setting and formulation that permits easy generalisation to abstract vector spaces. A wide selection of examples of vector spaces and linear transformation is presented to serve as a testing ground for the theory. In the second edition, a new chapter on Jordan normal form was added which reappears here in expanded form as the second goal of this new edition, after the principal axis theorem. To achieve these goals in one semester it is necessary to follow a straight path, but this is compensated by a wide selection of examples and exercises. In addition, the author includes an introduction to invariant theory to show that linear algebra alone is incapable of solving these canonical forms problems. A compact, but mathematically clean introduction to linear algebra with particular emphasis on topics in abstract algebra, the theory of differential equations, and group representation...



READ ONLINE
[1.65 MB]

Reviews

This is basically the best ebook we have study right up until now. it absolutely was writtern very properly and useful. You may like how the blogger write this ebook.

-- **Cecil Zemlak DVM**

A top quality book along with the typeface employed was interesting to learn. It is one of the most amazing book we have study. I discovered this pdf from my i and dad recommended this book to learn.

-- **Mr. Sterling Hane**