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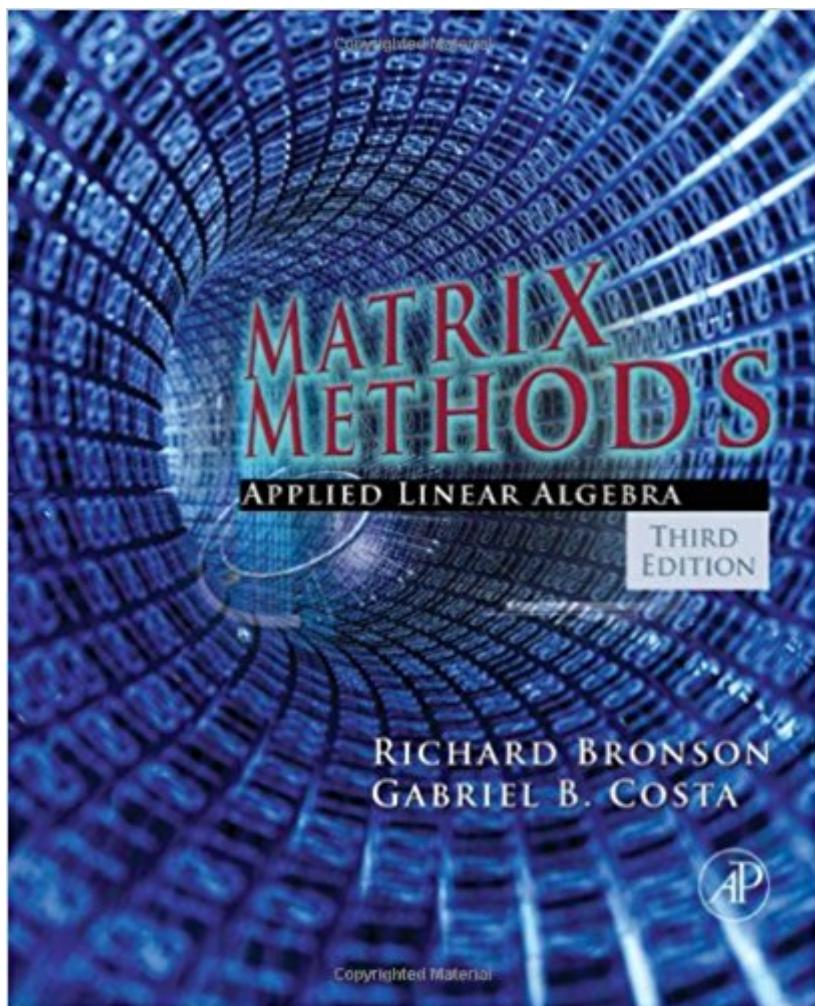
Synopsis

Matrix Methods: Applied Linear Algebra, Third Edition, as a textbook, provides a unique and comprehensive balance between the theory and computation of matrices. The application of matrices is not just for mathematicians. The use by other disciplines has grown dramatically over the years in response to the rapid changes in technology. Matrix methods is the essence of linear algebra and is what is used to help physical scientists; chemists, physicists, engineers, statisticians, and economists solve real world problems.Applications like Markov chains, graph theory and Leontief Models are placed in early chaptersReadability- The prerequisite for most of the material is a firm understanding of algebraNew chapters on Linear Programming and Markov ChainsAppendix referencing the use of technology, with special emphasis on computer algebra systems (CAS) MATLAB

Book Information

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Customer Reviews

For the subject, this is a very good book. It is very easy to read and the examples are 'hard' and thorough enough to get you moving on your own very quickly. Please keep in mind, even though this is a linear algebra book, it is not a linear algebra book. Say WHAT? I say that it is not a linear algebra book in that there are almost no proofs whatsoever. So, if you want a real linear algebra book which includes mathematical proofs you will need to look elsewhere. This book skips most of the proofs and proceeds along the lines of, with out actually saying this, 'It can be shown that..."

I have started that book, it couldn't be more perspicuous, try to always look at the exercises of the chapter you might be astonish by the amount of things you can learn doing so. Excellent book.

The textbook has great content with simple and easy to understand examples and problems. There is also a COMPLETE set of solutions to all of the books problems in the back of the book! The book is also very small compared with other textbooks and it was a joy to use and learn from!

Great book one of the easiest to understand books. I was able to teach myself whatever I missed in class from it. Really good worked out examples in the chapters.

As a computer science major, I have some background in mathematics, but I certainly don't need to do the proofs and all. This book is very easy to understand without getting too "math-y."

This is an excellent book covering matrix theory in a nut shell. This book is great for those who have not been exposed to Matrix theory previously. Easy to read; easy to follow.

Quick shipping. Product as described. Thank you

A useful text. Explanations are above average. While not the best it is better than many math texts I have used before.

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