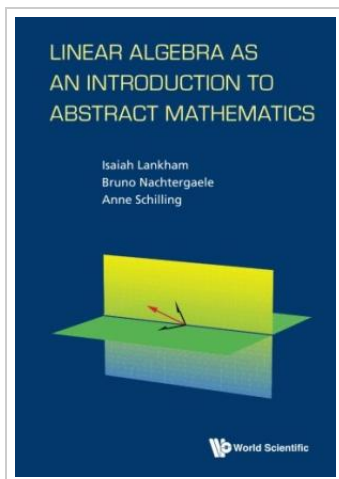




Linear Algebra As An Introduction To Abstract Mathematics (Paperback)

By Anne Schilling, Isaiah Lankham, Bruno Nachtergaele

World Scientific Publishing Co Pte Ltd, Singapore, 2015. Paperback. Condition: New. Language: English . Brand New Book. This is an introductory textbook designed for undergraduate mathematics majors with an emphasis on abstraction and in particular, the concept of proofs in the setting of linear algebra. Typically such a student would have taken calculus, though the only prerequisite is suitable mathematical grounding. The purpose of this book is to bridge the gap between the more conceptual and computational oriented undergraduate classes to the more abstract oriented classes. The book begins with systems of linear equations and complex numbers, then relates these to the abstract notion of linear maps on finite-dimensional vector spaces, and covers diagonalization, eigenspaces, determinants, and the Spectral Theorem. Each chapter concludes with both proof-writing and computational exercises.



READ ONLINE
[9.12 MB]

Reviews

Extensive information! Its this sort of great read through. It is amongst the most incredible book i have go through. I realized this publication from my i and dad suggested this book to understand.

-- **Prof. Devon Bernhard PhD**

Great eBook and useful one. it was actually writtern really completely and useful. You are going to like the way the article writer publish this publication.

-- **Prof. Ernestine Emard**