

Linear Algebra David Poole 3rd Edition

Linear Algebra: A Modern Introduction
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david poole s innovative linear algebra a modern introduction 4e emphasizes a vectors approach and

better prepares students to make the transition from computational to theoretical mathematics balancing theory and applications the book is written in a conversational style and combines a traditional presentation with a focus on student centered learning theoretical computational and applied topics are presented in a flexible yet integrated way stressing geometric understanding before computational techniques vectors and vector geometry are introduced early to help students visualize concepts and develop mathematical maturity for abstract thinking additionally the book includes ample applications drawn from a variety of disciplines which reinforce the fact that linear algebra is a valuable tool for modeling real life problems important notice media content referenced within the product description or the product text may not be available in the ebook version

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david poole s innovative book emphasizes vectors and geometric intuition from the start and better prepares students to make the transition from the computational aspects of the course to the theoretical poole covers vectors and vector geometry first to enable students to visualize the mathematics while they are doing matrix operations with a concrete understanding of vector geometry students are able to visualize and understand the meaning of the calculations that they will encounter by seeing the mathematics and understanding the underlying geometry students develop mathematical maturity and can think abstractly when they reach vector spaces throughout the text poole s direct conversational writing style connects with students and an abundant selection of applications from a broad range of disciplines clearly demonstrates the relevance of linear algebra

publisher description

these six volumes include approximately 20 000 reviews of items in number theory that appeared in mathematical reviews between 1984 and 1996 this is the third such set of volumes in number theory the first was edited by w j leveque and included reviews from 1940 1972 the second was edited by r k guy and appeared in 1984

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