

Linear Algebra David Poole 3rd Edition

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 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
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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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