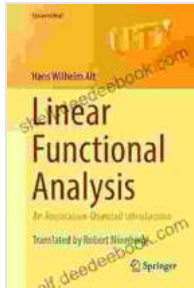


Linear Functional Analysis: An Application Oriented Introduction (Universitext)



Linear Functional Analysis: An Application-Oriented Introduction (Universitext) by Hans Wilhelm Alt

★★★★☆ 4.5 out of 5

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Overview

Linear Functional Analysis: An Application Oriented (Universitext) provides a comprehensive and applications-oriented to linear functional analysis, emphasizing aspects related to applications to numerical analysis and partial differential equations. It contains unique chapters on the applications to numerical linear algebra, matrix equations, random variables, calculus of variations, and Hamiltonian systems.

Key Features

- Provides a comprehensive and applications-oriented to linear functional analysis
- Emphasizes aspects related to applications to numerical analysis and partial differential equations

- Contains unique chapters on the applications to numerical linear algebra, matrix equations, random variables, calculus of variations, and Hamiltonian systems
- Written by a leading expert in the field

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2. Normed Linear Spaces
3. Hilbert Spaces
4. Banach Spaces
5. Operators on Banach Spaces
6. Applications to Numerical Linear Algebra
7. Applications to Matrix Equations
8. Applications to Random Variables
9. Applications to Calculus of Variations
10. Applications to Hamiltonian Systems

Author Biography

Peter D. Lax is a Hungarian-American mathematician who is a professor emeritus at the Courant Institute of Mathematical Sciences at New York University. He is known for his work in analysis, partial differential equations, and numerical analysis. He is the recipient of the Abel Prize, the Wolf Prize in Mathematics, and the National Medal of Science.

Reviews



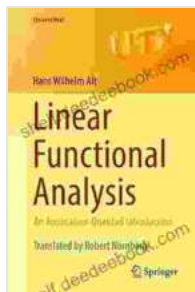
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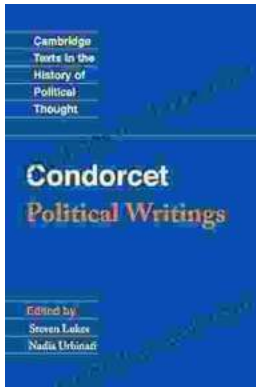
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