

1. Record Nr.	UNINA990001656420403321
Autore	Castelli, Mario
Titolo	Concorsi di aratura meccanica e di motori agricoli : Parma 1913 / Mario Castelli, G.D. Mayer
Pubbl/distr/stampa	Milano : Capriolo e Massimo, 1914
Descrizione fisica	234 p. ; 28 cm
Altri autori (Persone)	Mayer, Giovan Domenico
Disciplina	631.3
Locazione	FAGBC
Collocazione	60 631.3 B 16 60 631.3 B 19
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910156284203321
Autore	Chacón Gerardo
Titolo	Functional Analysis : A Terse Introduction / / Humberto Rafeiro, Gerardo Chacón, Juan Camilo Vallejo
Pubbl/distr/stampa	Berlin ; ; Boston : , : De Gruyter, , [2016] ©2017
ISBN	3-11-044192-6
Descrizione fisica	1 online resource (246 pages) : illustrations
Collana	De Gruyter Textbook
Disciplina	515/.7
Soggetti	Functional analysis Algebras, Linear
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- List of Figures -- Basic Notation -- 1. Choice Principles -- 2. Hilbert Spaces -- 3. Completeness, Completion and Dimension -- 4. Linear Operators -- 5. Functionals and Dual Spaces -- 6. Fourier Series -- 7. Fourier Transform -- 8. Fixed Point Theorem -- 9. Baire Category Theorem -- 10. Uniform Boundedness Principle -- 11. Open Mapping Theorem -- 12. Closed Graph Theorem -- 13. Hahn-Banach Theorem -- 14. The Adjoint Operator -- 15. Weak Topologies and Reflexivity -- 16. Operators in Hilbert Spaces -- 17. Spectral Theory of Operators on Hilbert Spaces -- 18. Compactness -- Bibliography -- Index
Sommario/riassunto	This textbook on functional analysis offers a short and concise introduction to the subject. The book is designed in such a way as to provide a smooth transition between elementary and advanced topics and its modular structure allows for an easy assimilation of the content. Starting from a dedicated chapter on the axiom of choice, subsequent chapters cover Hilbert spaces, linear operators, functionals and duality, Fourier series, Fourier transform, the fixed point theorem, Baire categories, the uniform bounded principle, the open mapping theorem, the closed graph theorem, the Hahn-Banach theorem, adjoint operators, weak topologies and reflexivity, operators in Hilbert spaces, spectral theory of operators in Hilbert spaces, and compactness. Each chapter ends with workable problems. The book is suitable for graduate

students, but also for advanced undergraduates, in mathematics and physics. Contents: List of Figures Basic Notation Choice Principles Hilbert Spaces Completeness, Completion and Dimension Linear Operators Functionals and Dual Spaces Fourier Series Fourier Transform Fixed Point Theorem Baire Category Theorem Uniform Boundedness Principle Open Mapping Theorem Closed Graph Theorem Hahn-Banach Theorem The Adjoint Operator Weak Topologies and Reflexivity Operators in Hilbert Spaces Spectral Theory of Operators on Hilbert Spaces Compactness Bibliography Index

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