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Titolo	Functional analysis / / S. Kesavan
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ISBN	981-19-7633-3
Edizione	[2nd ed. 2023.]
Descrizione fisica	1 online resource (278 pages)
Collana	Texts and Readings in Mathematics, , 2366-8725 ; ; 52
Disciplina	515.7
Soggetti	Functional analysis Functional analysis - Research Anàlisi funcional Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preliminaries -- Normed Linear Spaces -- Hahn-Banach Theorems -- Baire's Theorem and Applications -- Weak and Weak* Topologies -- L Spaces -- Hilbert Spaces -- Compact Operators.
Sommario/riassunto	This second edition is thoroughly revised and includes several new examples and exercises. Proofs of many results have been rewritten for a greater clarity. While covering all the standard material expected of such a course, efforts have been made to illustrate the use of the topics to study differential equations and calculus of variations. The book includes a chapter on weak topologies and their applications. It also includes a chapter on the Lebesgue spaces, which discusses Sobolev spaces. The book includes a chapter on compact operators and their spectra, especially for compact self-adjoint operators on a Hilbert space. Each chapter has a large collection of exercises in the end, which give additional examples and counterexamples to the results given in the text. This book is suitable for a first course in functional analysis for graduate students who wish to pursue a career in the applications of mathematics.

2. Record Nr.	UNINA990008996440403321
Titolo	Kadmos : Zeitschrift für vor- und frühgriechische Epigraphik
Pubbl/distr/stampa	Berlin, : de Gruyter
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Disciplina	481.1
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Periodico