1. Record Nr. UNINA990001180110403321

Autore	Maggi, Gian Antonio
Titolo	Principi di stereodinamica : corso sulla formazione, l'interpretazione e l'integrazione delle equazioni del movimento dei solidi / di Gian Antonio Maggi
Pubbl/distr/stampa	Milano : Hoepli, 1903
Descrizione fisica	XI, 262 p. ; 23 cm
Disciplina	530
Locazione	MA1 MAS
Collocazione	224-B-18 224-B-19 224-B-20 MXXII-B-53
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

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Autore	Ruzhansky M (Michael)
Titolo	Spectral Geometry of Partial Differential Operators / / Michael Ruzhansky, Makhmud Sadybekov, Durvudkhan Suragan
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, Taylor & Francis Group, , 2020
Descrizione fisica	1 online resource (xi, 363 pages)
Collana	Monographs and research notes in mathematics
Disciplina	516.362
Soggetti	Spectral geometry Partial differential operators
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Functional spaces -- Foundations of linear operator theory -- Elements of the spectral theory of differential operators -- Symmetric decreasing rearrangements and applications -- Inequalities of spectral geometry.
Sommario/riassunto	"The aim of Spectral Geometry of Partial Differential Operators is to provide a basic and self-contained introduction to the ideas underpinning spectral geometric inequalities arising in the theory of partial differential equations. Historically, one of the first inequalities of the spectral geometry was the minimization problem of the first eigenvalue of the Dirichlet Laplacian. Nowadays, this type of inequalities of spectral geometry have expanded to many other cases with number of applications in physics and other sciences. The main reason why the results are useful, beyond the intrinsic interest of geometric extremum problems, is that they produce a priori bounds for spectral invariants of (partial differential) operators on arbitrary domains. Features: Collects the ideas underpinning the inequalities of the spectral geometry, in both self-adjoint and non-self-adjoint operator theory, in a way accessible by anyone with a basic level of understanding of linear differential operators Aimed at theoretical as well as applied mathematicians, from a wide range of scientific fields, including acoustics, astronomy, MEMS, and other physical sciences Provides a step-by-step guide to the techniques of non-self-adjoint partial differential operators, and for the applications of such methods. Provides a self-contained coverage of the traditional and modern

theories of linear partial differential operators, and does not require a previous background in operator theory"-- Provided by publisher.