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Autore	Smith, Morton
Titolo	Palestinian parties and politics that shaped the old testament / Morton Smith
Pubbl/distr/stampa	New York : SCM Press LTD, 1987
ISBN	0-334-02238-X
Edizione	[2nd ed.]
Descrizione fisica	X, 277 p. ; 22 cm
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Locazione	FLFBC
Collocazione	221.9 SMI 1
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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2. Record Nr.	UNINA9910299963103321
Autore	Bakry D (Dominique)
Titolo	Analysis and Geometry of Markov Diffusion Operators // by Dominique Bakry, Ivan Gentil, Michel Ledoux
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
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Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (555 p.)
Collana	Grundlehren der mathematischen Wissenschaften, A Series of Comprehensive Studies in Mathematics, , 0072-7830 ; ; 348
Disciplina	519.233
Soggetti	Mathematical analysis Analysis (Mathematics) Probabilities Geometry, Differential Differential equations, Partial Functional analysis Analysis Probability Theory and Stochastic Processes Differential Geometry Partial Differential Equations Functional Analysis
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Part I Markov semigroups, basics and examples: 1. Markov semigroups -- 2. Model examples -- 3. General setting -- Part II Three model functional inequalities: 4. Poincaré inequalities -- 5. Logarithmic Sobolev inequalities -- 6. Sobolev inequalities -- Part III Related functional, isoperimetric and transportation inequalities: 7. Generalized functional inequalities -- 8. Capacity and isoperimetry-type inequalities -- 9. Optimal transportation and functional inequalities -- Part IV Appendices: A. Semigroups of bounded operators on a Banach space -- B. Elements of stochastic calculus -- C. Some basic notions in differential and Riemannian geometry -- Notations and list of symbols

-- Bibliography -- Index.

Sommario/riassunto

The present volume is an extensive monograph on the analytic and geometric aspects of Markov diffusion operators. It focuses on the geometric curvature properties of the underlying structure in order to study convergence to equilibrium, spectral bounds, functional inequalities such as Poincaré, Sobolev or logarithmic Sobolev inequalities, and various bounds on solutions of evolution equations. At the same time, it covers a large class of evolution and partial differential equations. The book is intended to serve as an introduction to the subject and to be accessible for beginning and advanced scientists and non-specialists. Simultaneously, it covers a wide range of results and techniques from the early developments in the mid-eighties to the latest achievements. As such, students and researchers interested in the modern aspects of Markov diffusion operators and semigroups and their connections to analytic functional inequalities, probabilistic convergence to equilibrium and geometric curvature will find it especially useful. Selected chapters can also be used for advanced courses on the topic.
