1. Record Nr. UNISANNIOCAG0445682

Autore	Roy, Arundhati
Titolo	ÂIl ÂDio delle piccole cose / Arundhati Roy ; traduzione di Chiara Gabutti
Pubbl/distr/stampa	Roma : La biblioteca di Repubblica, 2003
Titolo uniforme	ÂThe ÂGod of small things
ISBN	8496142191
Descrizione fisica	349 p. ; 22 cm
Collana	ÂLa Âbiblioteca di Repubblica , . Novecento ; 66
Disciplina	823.914
Soggetti	narrativa indiana
Collocazione	68LETTER. Biblioteca di RepubblicaL 1. n.66 AGII S.10.13 AVSEZ. R A 823 ROY FRB 002. 126 PSSALA A C.17.2. 23 SC36 05 006
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
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2. Record Nr. UNINA9910300256403321

Autore	Eisner Tanja
Titolo	Operator Theoretic Aspects of Ergodic Theory / / by Tanja Eisner, Bálint Farkas, Markus Haase, Rainer Nagel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-16898-3
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XVIII, 628 p. 25 illus., 1 illus. in color.)
Collana	Graduate Texts in Mathematics, , 2197-5612 ; ; 272
Disciplina	515.42
Soggetti	Dynamics Operator theory Functional analysis Dynamical Systems Operator Theory Functional Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	What is Ergodic Theory? -- Topological Dynamical Systems -- Minimality and Recurrence -- The C*-algebra C(K) and the Koopman Operator -- Measure-Preserving Systems -- Recurrence and Ergodicity -- The Banach Lattice Lp and the Koopman Operator -- The Mean Ergodic Theorem -- Mixing Dynamical Systems -- Mean Ergodic Operators on C(K) -- The Pointwise Ergodic Theorem -- Isomorphisms and Topological Models -- Markov Operators -- Compact Semigroups and Groups -- Topological Dynamics Revisited -- The Jacobs–de Leeuw–Glicksberg Decomposition -- Dynamical Systems with Discrete Spectrum -- A Glimpse at Arithmetic Progressions -- Joinings -- The Host–Kra– Tao Theorem -- More Ergodic Theorems -- Appendix A: Topology -- Appendix B: Measure and Integration Theory -- Appendix C: Functional Analysis -- Appendix D: The Riesz Representation Theorem -- Appendix E: Theorems of Eberlein, Grothendieck, and Ellis.
Sommario/riassunto	Stunning recent results by Host–Kra, Green–Tao, and others, highlight the timeliness of this systematic introduction to classical ergodic theory using the tools of operator theory. Assuming no prior exposure to

ergodic theory, this book provides a modern foundation for introductory courses on ergodic theory, especially for students or researchers with an interest in functional analysis. While basic analytic notions and results are reviewed in several appendices, more advanced operator theoretic topics are developed in detail, even beyond their immediate connection with ergodic theory. As a consequence, the book is also suitable for advanced or special-topic courses on functional analysis with applications to ergodic theory. Topics include: •an intuitive introduction to ergodic theory •an introduction to the basic notions, constructions, and standard examples of topological dynamical systems •Koopman operators, Banach lattices, lattice and algebra homomorphisms, and the Gelfand–Naimark theorem •measure-preserving dynamical systems •von Neumann's Mean Ergodic Theorem and Birkhoff's Pointwise Ergodic Theorem •strongly and weakly mixing systems •an examination of notions of isomorphism for measure-preserving systems •Markov operators, and the related concept of a factor of a measure-preserving system •compact groups and semigroups, and a powerful tool in their study, the Jacobs–de Leeuw–Glicksberg decomposition •an introduction to the spectral theory of dynamical systems, the theorems of Furstenberg and Weiss on multiple recurrence, and applications of dynamical systems to combinatorics (theorems of van der Waerden, Gallai, and Hindman, Furstenberg's Correspondence Principle, theorems of Roth and Furstenberg–Sárközy) Beyond its use in the classroom, Operator Theoretic Aspects of Ergodic Theory can serve as a valuable foundation for doing research at the intersection of ergodic theory and operator theory.