

1. Record Nr.	UNINA9910796663303321
Autore	Kessebohrer Marc <1969->
Titolo	Infinite ergodic theory of numbers // Marc Kessebohrer, Sara Munday, Bernd Otto Stratmann
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter, , 2016 ©2016
ISBN	3-11-043085-1 3-11-043942-5
Descrizione fisica	1 online resource (206 p.)
Collana	De Gruyter Graduate
Disciplina	515/.48
Soggetti	Ergodic theory Topological dynamics Differentiable dynamical systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Preface -- Contents -- Mathematical symbols -- 1. Number-theoretical dynamical systems -- 2. Basic ergodic theory -- 3. Renewal theory and -sum-level sets -- 4. Infinite ergodic theory -- 5. Applications of infinite ergodic theory -- Bibliography -- Index
Sommario/riassunto	By connecting dynamical systems and number theory, this graduate textbook on ergodic theory acts as an introduction to a highly active area of mathematics, where a variety of strands of research open up. The text explores various concepts in infinite ergodic theory, always using continued fractions and other number-theoretic dynamical systems as illustrative examples. Contents:PrefaceMathematical symbolsNumber-theoretical dynamical systemsBasic ergodic theoryRenewal theory and -sum-level setsInfinite ergodic theoryApplications of infinite ergodic theoryBibliographyIndex