1. Record Nr. UNINA9910134795103321

| | |
|---|---|
| Autore | Kessebohmer Marc <1969-> |
| Titolo | Infinite ergodic theory of numbers / / Marc Kessebohmer, Sara Munday, Bernd Otto Stratmann |
| Pubbl/distr/stampa | Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter, , 2016<br>©2016 |
| ISBN | 3-11-043085-1<br>3-11-043942-5 |
| Descrizione fisica | 1 online resource (206 p.) |
| Collana | De Gruyter Graduate |
| Disciplina | 515/.48 |
| Soggetti | Ergodic theory<br>Topological dynamics<br>Differentiable dynamical systems<br>Electronic books. |
| 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 |