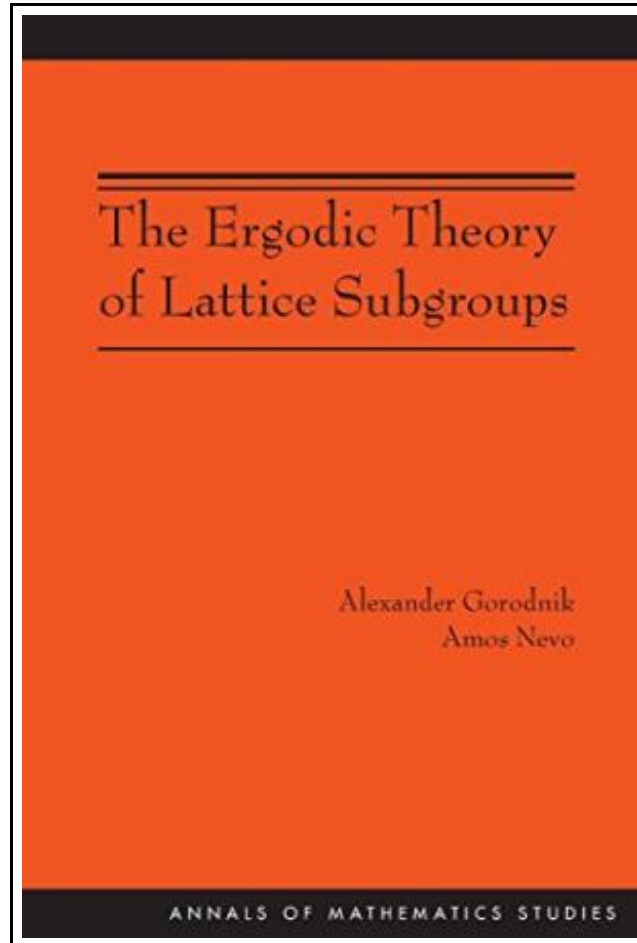# The Ergodic Theory of Lattice Subgroups

Filesize: 5.5 MB

Reviews

Very useful for all group of people. It is amongst the most incredible pdf i actually have read through. Its been written in an extremely straightforward way and it is just right after i finished reading through this pdf by which basically modified me, change the way i think.
(Felicia Nikolaus)

THE ERGODIC THEORY OF LATTICE SUBGROUPS

To get **The Ergodic Theory of Lattice Subgroups** eBook, make sure you access the button beneath and save the file or gain access to other information which are related to THE ERGODIC THEORY OF LATTICE SUBGROUPS book.

Princeton University Press, United States, 2009. Paperback. Book Condition: New. 229 x 155 mm. Language: English . Brand New Book. The results established in this book constitute a new departure in ergodic theory and a significant expansion of its scope. Traditional ergodic theorems focused on amenable groups, and relied on the existence of an asymptotically invariant sequence in the group, the resulting maximal inequalities based on covering arguments, and the transference principle. Here, Alexander Gorodnik and Amos Nevo develop a systematic general approach to the proof of ergodic theorems for a large class of non-amenable locally compact groups and their lattice subgroups. Simple general conditions on the spectral theory of the group and the regularity of the averaging sets are formulated, which suffice to guarantee convergence to the ergodic mean. In particular, this approach gives a complete solution to the problem of establishing mean and pointwise ergodic theorems for the natural averages on semisimple algebraic groups and on their discrete lattice subgroups. Furthermore, an explicit quantitative rate of convergence to the ergodic mean is established in many cases. The topic of this volume lies at the intersection of several mathematical fields of fundamental importance. These include ergodic theory and dynamics of non-amenable groups, harmonic analysis on semisimple algebraic groups and their homogeneous spaces, quantitative non-Euclidean lattice point counting problems and their application to number theory, as well as equidistribution and non-commutative Diophantine approximation. Many examples and applications are provided in the text, demonstrating the usefulness of the results established.

Read The Ergodic Theory of Lattice Subgroups Online
Download PDF The Ergodic Theory of Lattice Subgroups

Related Kindle Books

[PDF] The Voyagers Series - Europe: A New Multi-Media Adventure Book 1

Click the link listed below to read "The Voyagers Series - Europe: A New Multi-Media Adventure Book 1" document.

Read PDF »

[PDF] Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral

Click the link listed below to read "Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral" document.

Read PDF »

[PDF] How to Make a Free Website for Kids

Click the link listed below to read "How to Make a Free Website for Kids" document.

Read PDF »

[PDF] The Voyagers Series - Africa: Book 2

Click the link listed below to read "The Voyagers Series - Africa: Book 2" document.

Read PDF »

[PDF] Patent Ease: How to Write You Own Patent Application

Click the link listed below to read "Patent Ease: How to Write You Own Patent Application" document.

Read PDF »

[PDF] Valley Forge: The History and Legacy of the Most Famous Military Camp of the Revolutionary War

Click the link listed below to read "Valley Forge: The History and Legacy of the Most Famous Military Camp of the Revolutionary War" document.

Read PDF »