

Cambridge University Press

978-0-521-17541-8 - Dynamics, Ergodic Theory, and Geometry: Dedicated to Anatole Katok

Edited by Boris Hasselblatt

[Table of Contents](#)[More information](#)

Recent Progress in Dynamics
MSRI Publications
Volume 54, 2007

Contents

Foreword	ix
Quantitative symplectic geometry	1
K. CIELIEBAK, HELMUT HOFER, J. LATSCHEV, AND F. SCHLENK	
Local rigidity of group actions: past, present, future	45
DAVID FISHER	
Le lemme d'Ornstein–Weiss d'après Gromov	99
FABRICE KRIEGER	
Entropy of holomorphic and rational maps: a survey	113
SHMUEL FRIEDLAND	
Causes of stretching of Birkhoff sums and mixing in flows on surfaces	129
ANDREY KOCHERGIN	
Solenoid functions for hyperbolic sets on surfaces	145
ALBERTO A. PINTO AND DAVID A. RAND	
Random walks derived from billiards	179
RENATO FERES	
An aperiodic tiling using a dynamical system and Beatty sequences	223
STANLEY EIGEN, JORGE NAVARRO, AND VIDHU S. PRASAD	
A Halmos–von Neumann theorem for model sets, and almost automorphic	
dynamical systems	243
E. ARTHUR ROBINSON, JR.	
Problems in dynamical systems and related topics	273
BORIS HASSELBLATT	