

Contents

Preface	v
Injectivity of the Dubins–Freedman construction of random distributions P. C. ALLAART AND R. D. MAULDIN	1
A maximal inequality for the tail of the bilinear Hardy–Littlewood function I. ASSANI AND Z. BUCZOLICH	7
Almost sure convergence of weighted sums of independent random variables G. COHEN AND M. LIN	13
Recurrence, ergodicity and invariant measures for cocycles over a rotation J.-P. CONZE	45
Examples of recurrent or transient stationary walks in \mathbb{R}^d over a rotation of \mathbb{T}^2 N. CHEVALLIER AND J.-P. CONZE	71
A short proof of the unique ergodicity of horocyclic flows Y. COUDENE	85
Aperiodic order via dynamical systems: Diffraction for sets of finite local complexity D. LENZ	91
Laws of iterated logarithm for weighted sums of iid random variables M. LIN AND M. WEBER	113
Homeomorphic Bernoulli trial measures and ergodic theory R.D. MAULDIN AND A. YINGST	131
Distinguishing transformations by averaging methods J. ROSENBLATT	143
Some open problems I. ASSANI	159