

TABLE OF CONTENTS

VOLUME CLI

Dedication	v
URI BADER, ALEXANDER LUBOTZKY, ROMAN SAUER AND SHMUEL WEINBERGER — Stability and instability of lattices in semisimple groups	1
VALENTIN BLOMER AND PHILIPPE MICHEL — The unipotent mixing conjecture	25
RENA CHU AND LILLIAN B. PIERCE — Generalizations of the Schrödinger maximal operator: building arithmetic counterexamples	59
WILLIAM DUKE — On the analytic theory of isotropic ternary quadratic forms	115
OFIR GORODETSKY — Smooth numbers and the Dickman ρ function	139
DUBI KELMER, ALEX KONTOROVICH AND CHRISTOPHER LUTSKO — Sarnak’s spectral gap question	171
ELON LINDENSTRAUSS, AMIR MOHAMMADI AND ZHIREN WANG — Quantitative equidistribution and the local statistics of the spectrum of a flat torus	181
JENS MARKLOF AND MATTHEW WELSH — Bounds for theta sums in higher rank. II	235
FRÉDÉRIC NAUD — Determinants of Laplacians on random hyperbolic surfaces	265
ZEÉV RUDNICK AND IGOR WIGMAN — On the Central Limit Theorem for linear eigenvalue statistics on random surfaces of large genus	293
WILL SAWIN — The size of wild Kloosterman sums in number fields and function fields	303
KANNAN SOUNDARARAJAN AND MAX WENQIANG XU — Central limit theorems for random multiplicative functions	343
TERENCE TAO AND TAMAR ZIEGLER — Infinite partial sumsets in the primes	375