

TABLE OF CONTENTS

VOLUME CLIII

PART 1

ELON LINDENSTRAUSS, GREGORII MARGULIS, AMIR MOHAMMADI AND NIMISH A. SHAH — Quantitative behavior of unipotent flows and an effective avoidance principle	1
PIETRO D’AVENIA AND CHAO JI — Semiclassical states for a magnetic nonlinear Schrödinger equation with exponential critical growth in $\mathbb{R}^2$	63
MORITZ DOLL, KSENIA FEDOSOVA AND ANKE POHL — Scattering theory with unitary twists	111
ARKA ADHIKARI AND MARIUS LEMM — Universal eigenvalue statistics for dynamically defined matrices	169
TURGAY BAYRAKTAR, THOMAS BLOOM AND NORM LEVENBERG — Random polynomials in several complex variables	219
LIPENG DUAN, XIAO LUO AND MAODING ZHEN — New vector solutions for the cubic nonlinear schrödinger system	247
LORIS ARNOLD, CHRISTIAN LE MERDY AND SAFOURA ZADEH — S^1 -bounded Fourier multipliers on $H^1(\mathbb{R})$ and functional calculus for semigroups	293
UJJAL DAS AND YEHUDA PINCHOVER — The space of Hardy-weights for quasilinear equations: Maz’ya-type characterization and suf- ficient conditions for existence of minimizers	331
ROBERTA FILIPPUCCI, YUHUA SUN AND YADONG ZHENG — A priori estimates and Liouville type results for quasilinear elliptic equations involving gradient terms	367

PART 2

HEIKO GIMPERLEIN, MAGNUS GOFFENG AND NIKOLETTA LOUCA — Semi-classical analysis of a nonlocal boundary value problem related to magnitude	401
LIAN HAEMING — On the bandwidths of periodic approximations to discrete schrödinger operators	489
BENJAMIN EICHINGER — Asymptotics for Christoffel functions associated to continuum Schrödinger operators	519
KONSTANTINOS T. GIKAS — Quasilinear elliptic equations involving measure valued absorption terms and measure data	555
OLE FREDRIK BREVIG, ANDRÉS CHIRRE, JOAQUIM ORTEGA-CERDÀ AND KRISTIAN SEIP — Point evaluation in Paley–Wiener spaces	595
WENCAI LIU — Bloch varieties and quantum ergodicity for periodic graph operators	671
RAZ KUPFERMAN AND ROEE LEDER — Double forms: Regular elliptic bilaplacian operators	683
MAGNUS ASPENBERG AND WEIWEI CUI — Perturbations of exponential maps: Non-recurrent dynamics	759
BORIS RUBIN — On the injectivity of the shifted Funk–Radon transform and related harmonic analysis	777