

CONTENTS

Zbigniew BŁOCKI — The Bergman kernel and pluripotential theory	1
Krzysztof BURDZY — Neumann eigenfunctions and Brownian couplings	11
Tom CARROLL — Brownian motion and harmonic measure in conic sections	25
Stephen J. GARDINER — Radial limits of harmonic functions	43
Yves GUIVARC'H — Renewal theorems, products of random matrices, and toral endomorphisms	53
Joaquim ORTEGA-CERDÀ — Densities and harmonic measure	67
Nageswari SHANMUGALINGAM — Sobolev type spaces on metric measure spaces	77
Jang-Mei WU — Quasisymmetric extension, smoothing and applications	91
Jana BJÖRN — Wiener criterion for Cheeger p -harmonic functions on metric spaces	103
Fausto DI BIASE — On the sharpness of certain approach regions	117
Toshihide FUTAMURA and Yoshihiro MIZUTA — Continuity of weakly monotone Sobolev functions of variable exponent	127
Kentaro HIRATA — Martin kernels of general domains	145
Katsuya ISHIZAKI and Niro YANAGIHARA — Singular directions of meromorphic solutions of some non-autonomous Schröder equations	155
Klaus JANSSEN — Integral representation for space-time excessive functions	167
Takahide KUOKAWA — A decomposition of the Schwartz class by a derivative space and its complementary space	179
Kazuhiro KUWAE and Masayuki TAKAHASHI — Kato class functions of Markov processes under ultracontractivity	193
Ern Gun KWON — A subharmonic Hardy class and Bloch pullback operator norms	203

Hiroaki MASAOKA — Quasiconformal mappings and minimal Martin boundary of p -sheeted unlimited covering surfaces of the once punctured Riemann sphere $\hat{\mathbb{C}} \setminus \{0\}$ of Heins type	211
Hiroaki MASAOKA and Shigeo SEGAWA — Hyperbolic Riemann surfaces without unbounded positive harmonic functions	227
Ikuko MIYAMOTO and Hidenobu YOSIDA — On a covering property of rarefied sets at infinity in a cone	233
Yoichi MIYAZAKI — The L^p resolvents for elliptic systems of divergence form	245
Yoshihiro MIZUTA and Tetsu SHIMOMURA — Maximal functions, Riesz potentials and Sobolev's inequality in generalized Lebesgue spaces	255
Minoru MURATA — Representations of nonnegative solutions for parabolic equations	283
Mitsuru NAKAI — Types of pasting arcs in two sheeted spheres	291
Masaharu NISHIO, Katsunori SHIMOMURA and Noriaki SUZUKI — L^p -boundedness of Bergman projections for α -parabolic operators	305
Yûsuke OKUYAMA — Vanishing theorem on the pointwise defect of a rational iteration sequence for moving targets	319
Takayori ONO — Hölder continuity of solutions to quasilinear elliptic equations with measure data	327
Yehuda PINCHOVER — On Davies' conjecture and strong ratio limit properties for the heat kernel	339
PREMALATHA and A. K. KALYANI — Some potential theoretic results on an infinite network	353
Manfred STOLL — The Littlewood-Paley inequalities for Hardy-Orlicz spaces of harmonic functions on domains in \mathbb{R}^n	363
Hisako WATANABE — Estimates of maximal functions by Hausdorff contents in a metric space	377
Masahiro YAMADA — Harmonic conjugates of parabolic Bergman functions	391
Minoru YANAGISHITA — On the behavior at infinity for non-negative superharmonic functions in a cone	403