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 Kurokawa — 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 punctered 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 infnity 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	e 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
$\label{eq:Hisako Watanabe} \ \ Estimates \ of \ maximal \ functions \ by \ Hausdorff \\ contents \ in \ a \ metric \ space$	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