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Titolo	Potential theory [[electronic resource]] : proceedings of the International Conference on Potential Theory, Nagoya (Japan) August 30-September 4, 1990 / / editor, Masanori Kishi
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Collana	De Gruyter Proceedings in Mathematics
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Altri autori (Persone)	KishiMasanori <1932->
Disciplina	515.9
Soggetti	Potential theory (Mathematics) Mathematical analysis
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front matter -- Invited Lectures -- Lp potential theory techniques and nonlinear PDE / ADAMS, David R. -- Applications of Choquet theory to potential theory / BLIEDTNER, Jürgen -- One version non linéaire du théorème de Hunt / DELLACHERIE, Claude -- Strict isoperimetric inequalities and asymmetry / HAYMAN, Walter . -- Nonlinear potential theory / HEDBERG, Lars Inge -- Potential theory and quasiconformal mappings / MARTIO, Olli -- Maximal inequalities and potential theory / MOKOBODZKI, Gabriel -- The boundary behaviour of solutions of the Dirichlet problem / NETUKA, Ivan -- Capacities in function theory / G. O'FARRELL, Anthony -- Potential theory on non-locally compact space via Dirichlet forms / RÖCKNER, Michael -- The Martin compactification of a symmetric space of non-compact type at the bottom of the positive spectrum : An introduction / TAYLOR, John C. -- Level sets and the Green function / WU, Jang-Mei -- Contributed Papers -- Local properties of solutions to equations involving square Hörmander's operators / BIROLI, Marco -- On the generalized Neumann problem / BITSADZE, Andrej V. -- Principe de Picard pour les mesures invariantes par rotation et applications / BOUKRICHA, Abderrahman -- Measure and capacity of exceptional sets arising in estimations of - subharmonic functions / EIDERMAN, Vladimir Ya. -- Balayage spaces, standard -cones and hyperharmonic cones / ERIKSSON-BIQUE, Sirkka-Liisa A. -- On the thermoelastic potential in three-dimensional

hyperbolic thermoelasticity theory / GAWINECKI, Jerzy A. --
 Representations and estimates for inverse operators of the potential
 theory integral equations in a polyhedron / GRACHEV, Nikolai V. -- Use
 of single layer potential in mixed problems of elasticity / HAKOBYAN,
 Ashot -- Discretization of bounded harmonic functions on Riemannian
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 Levi spaces and Riesz potential spaces / KUROKAWA, Takahide --
 Boundary limits of harmonic functions in Sobolev-Orlicz classes /
 MIZUTA, Yoshihiro -- Positive harmonic functions on rotationaly
 symmetric Riemannian manifolds / MURATA, Minoru -- Examples of
 stable Martin boundaries of Markov chains / PICARDELLO, Massimo /
 WOESS, Wolfgang -- Comparison of $\liminf$ and fine $\liminf$ of positive
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 problems of the potential theory for Schrödinger operator with singular
 potential / SEROV, Valeri S. -- Potential theory for Helmholtz operator
 and nonlinear eigenvalue problems / SHESTOPALOV, Yuri V. -- On
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 harmonic functions on Holder domains / SMITH, Wayne / STEGENGA,
 David A. -- An estimate of harmonic measure with an application to
 subharmonic functions / SUZUKI, Noriaki -- Kuramochi boundaries of
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 potential theory / GOOL, Frans van -- The Neumann problem and
 Hausdorff measures / WATANABE, Hisako -- On potential extension
 and capacity on harmonic spaces / Qi, WU Jiong / Qi-Ren, GAO --
 Singularities of the solution of integral equations of potential theory
 arising in problems of elasticity for non-homogeneous media /
 ZARGARYAN, Stepan S. -- Appendices -- List of participants -- List of
 non-participating contributors -- List of lectures -- Back matter

Sommario/riassunto

The 12 invited lectures and 26 contributed papers cover a wide range
 of potential theory, from classical to nonlinear. Among the topics are
 the Dirichlet and Neumann problems, Martin compactification, Choquet
 theory, and the applications to probability theory and other branches of
 mathematics. No index. Annotation copyright Book News, Inc. Portland,
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