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Nota di contenuto

Notation and statement of results -- Basic estimates for A -harmonic functions -- Preliminary reductions for the proof of theorem A -- Proof of theorem A -- Final proof of theorem A -- Appendix -- Introduction and statement of results -- Boundary behavior of A -harmonic functions in Lipschitz domains -- Boundary Harnack inequalities -- Weak convergence of certain measures on S^{n-1} -- The Hadamard variational formula for nonlinear capacity -- Proof of theorem B.

Sommario/riassunto

"In this article we study two classical potential-theoretic problems in convex geometry. The first problem is an inequality of Brunn-Minkowski type for a nonlinear capacity, Cap_A , where A -capacity is associated with a nonlinear elliptic PDE whose structure is modeled on the p -Laplace equation and whose solutions in an open set are called A -harmonic"--
