

Contents

Introduction	VII
List of notations	XI
I. Capacities	1
II. Capacitability	4
III.a Outer regularity	11
III.b Outer regularity (cont.)	22
IV. Subharmonic functions in $\mathbb{R}^n$	30
V. Plurisubharmonic functions in $\mathbb{C}^n$ - the Monge-Ampère capacity	32
VI. Further properties of the Monge-Ampère operator	56
VII. Green's function	66
VIII. The global extremal function	73
IX. Gamma capacity	81
X. Capacities on the boundary	99
XI. Szegő kernels	116
XII. Complex homomorphisms	148