Contents

Contributors	v
Preface	ix
PART I Courses	
Analytic Functions of Bounded Mean Oscillation A. BAERNSTEIN II	3
Conformal Mappings with Quasiconformal Extensions J. BECKER	37
The Löwner Differential Equation D.A. BRANNAN	79
Brownian Motion and the Hardy Spaces H^p D.L. BURKHOLDER	97
Carleson Sets in \mathbb{C}^n , $n \ge 1$ AM. CHOLLET	119
Some Remarks on Extreme Points in Function Theory J.G. Clunie	137
Classical Potential Theory and Brownian Motion J.L. DOOB	147
Extremal Problems for Univalent Functions P.L. DUREN	181
An Approximation Theorem with Applications to Iversen's Theorem W.K. HAYMAN	209

AII CONTENTS		
Weierstrassian Global Complex Analysis from the Riemannian Point of View M. HEINS	225	
Polynomial and Rational Approximation in the Complex Domain J. KOREVAAR	251	
Zero Distribution of Entire Functions and Spanning Radius for a Set of Complex Exponentials J. KOREVAAR	293	
Boundary Behaviour of Conformal Mappings CH. POMMERENKE	313	
Approximation and Harmonic Measure W.J. SCHNEIDER	333	
Vitushkin's Method and Some Problems in Approximation Theory A. STRAY	351	
PART II Lectures		
Wiener-Hopf and Related Methods in Probability N.H. BINGHAM	369	
Conjugate Functions of Rearranged Functions B. DAVIS	377	
Drobloms and Dogults on Delawayish and Later 14th		
Problems and Results on Polynomials and Interpolation P. ERDÖS	383	
	383 393	
P. ERDÖS Quadratic Inequalities and Univalent Functions		
P. ERDÖS Quadratic Inequalities and Univalent Functions C.H. FITZERGERALD On Chebyshev Approximation on Sets with Several Components	393	

CONTENTS	xiii
Precise Bounds in the Theorems of Landau and Schottky J.A. HEMPEL	421
Conditions for Membership of Hardy Spaces F. HOLLAND and J.B. TWOMEY	425
The 13th Hilbert Problem and Analytic Functions JP. KAHANE	435
Extremal Problems of Slit Conformal Mappings W.E. KIRWAN	439
Finely Holomorphic Functions T.J. LYONS	451
Theorems of Walsh—Lebesgue Type A.G. O'FARRELL	461
Sets of Harmonic Measure Zero B. ØKSENDAL	469
Some Questions of Uniqueness Concerning Interpolation by Entire Functions of Exponential Type Q.I. RAHMAN	475
On Subharmonic Functions which Satisfy a Growth Restriction P.J. RIPPON	485
An Introduction to the Convergence Theory of Padé Approximants	
E.B. SAFF	493
Coefficient Estimates for Inverses of Schlicht Functions G. SCHOBER	503
Applications of the Hadamard Product T. SHEIL-SMALL	515
PART III Problems	
Research Problems in Complex Analysis D.M. CAMPBELL, J.G. CLUNIE and W.K. HAYMAN	527