

Table of Contents

INTRODUCTION . . . . .	III
LIST OF PARTICIPANTS . . . . .	V
Table of Contents Vol. I . . . . .	XI
Table of Contents Vol. II (Lect. Notes in Math. Vol. 1276) . . . . .	XIII
Table of Contents Vol. III (Lect. Notes in Math. Vol. 1277) . . . . .	XV
 SPECIAL YEAR PAPERS -- VOLUME I	
Don Aharonov	
Bazilevič Theorem and the Growth of Univalent Functions. . . . .	1
J. Arazy, S. Fisher and J. Peetre	
Möbius Invariant Spaces of Analytic Functions . . . . .	10
Albert Baernstein, II	
Dubinin's Symmetrization Theorem . . . . .	23
James E. Brennan	
Functions With Rapidly Decreasing Negative Fourier Coefficients . . . . .	31
Chi-tai Chuang	
On the Theory and Applications of $Q_m$ -normal Families of Meromorphic Functions . . . . .	44
J. A. Cima and T. H. MacGregor	
Cauchy Transforms of Measures and Univalent Functions . . . . .	78
Matts Essén	
Harmonic Majorization, Harmonic Measure and Minimal Thinness . . . . .	89
H. M. Farkas	
Unramified Coverings of Hyperelliptic Riemann Surfaces . . . . .	113
Carl H. FitzGerald	
Arcs on Which a Univalent Function Has Small Magnitude . . . . .	131
Paul M. Gauthier	
Uniform and Better-Than-Uniform Elliptic Approximations On Unbounded Sets . . . . .	149
F. W. Gehring and G. J. Martin	
Discrete Convergence Groups . . . . .	158
F. Haslinger and M. Smejkal	
Representation and Duality in Weighted Frechet Spaces of Entire Functions . . . . .	168

Simon Hellerstein	
Real Zeros of Derivatives of Meromorphic Functions and Solutions of Differential Equations - A Survey with Problems and Conjectures . . . . .	197
James A. Jenkins	
Some Estimates for Harmonic Measures . . . . .	210
Robert Kaufmann	
Hausdorff Measures and Removable Sets . . . . .	215
John L. Lewis	
Approximations of Sobolev Functions and Related Topics . . . . .	223
David Minda	
Inequalities for the Hyperbolic Metric and Applications to Geometric Function Theory . . . . .	235
P. J. Rippon	
Subharmonic Functions With Unilateral Growth Conditions . . . . .	253
Glenn E. Schober	
Kirwan's Conjecture . . . . .	266
A. A. Shaginyan	
On Potential Approximation of Vector Fields . . . . .	272
On Tangential Harmonic Approximation and Some Related Problems . . .	280
Harold S. Shapiro	
Unbounded Quadrature Domains . . . . .	287

SPECIAL YEAR PAPERS -- VOLUME II

H. Alexander	
Polynomial Hulls and Linear Measures . . . . .	1
E. Amar	
Estimations, par Noyaux, des Solutions de l'Equation $\bar{\partial}u = f$ . . .	12
Richard Beals and Nancy K. Stanton	
The Heat Equation and Geometry for the $\bar{\partial}$ -Neumann Problem . . .	25
S. Bell	
Extendibility of the Bergman Kernel Function . . . . .	33
Bo Berndtsson	
$\bar{\partial}_b$ and Carleson Type Inequalities . . . . .	42
Joaquim Bruna	
Boundary Absolute Continuity of Functions in the Ball Algebra . . . . .	55
Urban Cegrell	
Subharmonic Functions and Minimal Surfaces . . . . .	60
Anne-Marie Chollet	
Propriétés de Recouvrement des Sous-Ensembles de la Frontière d'un Domaine Strictement Pseudo-Convexe . . . . .	67
S. Coen	
Some Properties of the Canonical Mapping of a Complex Space into Its Spectrum . . . . .	79
C. Robin Graham	
Scalar Boundary-Invariants and the Bergman Kernel . . . . .	108
Robert E. Greene and Steven G. Krantz	
Biholomorphic Self-Maps of Domains . . . . .	136
J. Korevaar	
Some $c^N$ Capacities and Applications . . . . .	208

R. Meise, S. Momm and B. A. Taylor	
Splitting of Slowly Decreasing Ideals in	
Weighted Algebras of Entire Functions . . . . .	229
A. Meril and D. C. Struppa	
Convolutors in Spaces of Holomorphic Functions . . . . .	253
C. A. Berenstein and Daniele C. Struppa	
A Remark on "Convolutors in Spaces of Holomorphic Functions" . .	276
R. Michael Range	
Integral Representations in the Theory of the	
$\bar{\partial}$ -Neumann Problem . . . . .	281
Pascal J. Thomas	
Tents and Interpolating Sequences in the Unit Ball . . . . .	291
John Wermer	
Balayage and Polynomial Hulls . . . . .	303
J. Wiegerinck	
Convergence of Formal Power Series and Analytic Extension . . .	313

SPECIAL YEAR PAPERS -- VOLUME III

D. Drasin		
Some Recent Successes in Value-Distribution Theory . . . . .	1	
R. Dwiłewicz		
Bergman-Szegő Type Theory for CR Structures. . . . .	15	
G. Gentili		
Regular Complex Geodesics for the Domain		
$D_n = \{(z_1, \dots, z_n) \in \mathbb{C}^n:  z_1  + \dots +  z_n  < 1\}$ . . . . .	35	
D. Jerison and A. Sánchez-Calle		
Subelliptic, Second Order Differential Operators . . . . .	46	
Karl Oeljeklaus and Wolfgang Richthofer		
Recent Results on Homogeneous Complex Manifolds . . . . .	78	
Y-T. Siu		
Kähler-Einstein Metrics for the Case of Positive		
First Chern Class. . . . .	120	
W. Stoll		
Algebroid Reduction of Nevanlinna Theory . . . . .	131	
T. V. Tonev		
An Infinite-Dimensional Generalization of the Shilov Boundary		
and Infinite Dimensional Analytic Structures in the Spectrum		
of a Uniform Algebra . . . . .	242	
T. V. Tonev		
New Relations Between Sibony-Basener Boundaries. . . . .	256	
M. Tretkoff		
Picard-Fuchs Differential Equations for the Quadratic Periods		
of Abelian Integrals of the First Kind . . . . .	263	
E. Vesentini		
Holomorphic Families of the Holomorphic Isometries . . . . .	290	
P-M. Wong		
Complex Monge-Ampère Equation and Related Problems . . . . .	303	
H. Wu		
Liouville Theorems . . . . .	331	
A FINAL WORD . . . . .	350	