Contents

Preface	ix
Local Holomorphic Equivalence of Real Analytic Submanifolds in \mathbb{C}^N M. Salah Baouendi and Linda Preiss Rothschild	1
How to Use Cycle Space in Complex Geometry Daniel Barlet	25
Resolution of Singularities EDWARD BIERSTONE AND PIERRE D. MILMAN	43
Global Regularity of the $\bar{\partial}$ -Neumann Problem: a Survey of the L^2 -Sobolev Theory Harold P. Boas and Emil J. Straube	79
Recent Developments in the Classification Theory of Compact Kähler Manifolds FRÉDÉRIC CAMPANA AND THOMAS PETERNELL	113
Remarks on Global Irregularity in the $\bar{\partial}$ -Neumann Problem MICHAEL CHRIST	161
Subelliptic Estimates and Finite Type JOHN P. D'ANGELO AND JOSEPH J. KOHN	199
Pseudoconvex-Concave Duality and Regularization of Currents JEAN-PIERRE DEMAILLY	233
Complex Dynamics in Higher Dimension JOHN ERIK FORNÆSS AND NESSIM SIBONY	273
Attractors in \mathbb{P}^2 John Erik Fornæss and Brendan Weickert	297
Analytic Hilbert Quotients PETER HEINZNER AND ALAN HUCKLEBERRY	309
Varieties of Minimal Rational Tangents on Uniruled Projective Manifolds Jun-Muk Hwang and Ngaiming Mok	351

viii CONTENTS

Recent Developments in Seiberg-Witten Theory and Complex Geometry	391
Christian Okonek and Andrei Teleman	
Recent Techniques in Hyperbolicity Problems	429
Yum-Tong Siu	
Rigidity theorems in Kähler Geometry and Fundamental Groups of Varieties	509
Domingo Toledo	
Nevanlinna Theory and Diophantine Approximation	535
Paul Vojta	