Contents

	Holomorphic Functions of Several Variables
A.	Elementary Properties of Holomorphic Functions 1
В.	Convergence Properties of Power Series 10
C.	Holomorphic Mappings and Complex Manifolds 17
D.	Holomorphic Extension 30
E.	The $\overline{\partial}$ Operator 42
F.	Polynomial Approximation 52
G.	Domains of Holomorphy and Holomorphic Convexity 61
H.	Envelopes of Holomorphy and Riemann Domains 71
I.	Riemann Domains of Holomorphy 81
J.	Subharmonic Functions 92
K.	Pluriharmonic and Plurisubharmonic Functions 102
L.	Special Classes of Plurisubharmonic Functions 118
И.	Pseudoconvex Subsets of \mathbb{C}^n 127
N.	Pseudoconvex Riemann Domains 139
O.	Pseudoconvexity and Dolbeault Cohomology 147
Ρ.	Pseudoconvexity and Holomorphic Convexity 166
Q.	Plurisubharmonic and Holomorphic Functions 176
R.	Pseudoconvex Sets with Smooth Boundaries 188
	Bibliography 197
	Index 201