CONTENTS

	Foreword	v
1.	Developments of the Theory of Conformal Mapping and Riemann Surfaces Through a Century By Lars V. Ahlfors	3
2.	Variational Methods in the Theory of Riemann Surfaces By Menahem Schiffer	15
3.	Semigroups of Transformations of a Riemann Surface into Itself	2.1
4.	By Paul C. Rosenbloom An Extremal Boundary Problem	31
5.	By A. C. Schaeffer On Dirichlet's Principle	41
6.	By Max Shiffman A Problem Concerning the Continuation of Riemann Surfaces	49 55
7.	By Maurice Heins Construction of Functions with Prescribed Properties on Riemann Surfaces	63
8.	By Leo Sario Metric Riemann Surfaces By Eugenio Calabi	77
9.	Some Results Related to Extremal Length By James A. Jenkins	87
10.	Random Walk and the Type Problem of Riemann Surfaces By Shizuo Kakutani	95
11.	Construction of Parabolic Riemann Surfaces by the General Reflection Principle By Wilfred Kaplan	103
12.	On the Ideal Boundary of a Riemann Surface By H. L. Royden	107
13.	Topological Methods on Riemann Surfaces Pseudoharmonic Functions By Marston Morse and James A. Jenkins	111
14.	Coverings of Riemann Surfaces By Léonce Fourès	141
15.	Partial Differential Equations and Pseudo-Analytic Functions on Riemann Surfaces By Lipman Bers	157
16.	Dirichlet's Principle and Some Inequalities in the Theory of Conformal Mapping By Zeev Nehari	167
17.	On the Effective Determination of Conformal Maps By S. E. Warschawski	177
18.	Structure of Complex Spaces By S. Bochner	189
19.	Real and Complex Operators on Manifolds By D. C. Spencer	203
20.	Multivalued Solutions of Linear Partial Differential Equations	229
21.	By S. Bergman The Theorem of Riemann-Roch for Adjoint Systems on	,
	Kählerian Varieties By K. Kodaira	247