

CONTENTS

I Section

Quasiconformal and Quasiregular mappings.

Teichmüller spaces and Kleinian groups.

R.D.M.Accola,	On certain subloci of Teichmüller space	1
G.D.Anderson,	Limit theorems and estimates for extremal rings of high dimension	10
C.Andreian Cazacu,	Some problems in quasiconformality	35
L.Bers,	An application of quasiconformal mappings to topology	57
P.Caraman,	Estimate of exceptional sets for quasiconformal mappings in space	66
D.Ghişa,	The behaviour of some metrics on Riemann surfaces in respect with quasiconformal mappings	108
D.Ivaşcu,	On Klein-Maskit combination theorems	114
D.Ivaşcu,	Remarks on a class of quasimetric mappings	125
S.L.Krushkal',	To the problem of the supports of Beltrami differentials for Kleinian groups	132
R.Kühnau ,	Gauss-Thomsonsches Prinzip minimaler Energie, verall- gemeinerte transfinite Durchmesser und quasikonforme Abbildungen	140
J.Żawrynowicz,	Parametrization and boundary correspondence for Teichmüller mappings in an annulus	165
O.Lehto,	On the boundary value problem for quasiconformal mappings	184

J.Lelong-Ferrand,	Regularity of conformal mappings of riemannian manifolds	197
P.Mattila and S.Rickman,	Quasiregular mappings and value distribution	204
M.Perović,	Isolated singularity of the mean quasiconformal mappings	212
G.Porru,	Quasiconformal mappings in normed spaces	215
C.Sbordone,	On some convergence problems for quasiconformal mappings	223
S.K.Vodop'ianov, V.M.Gol'dstein, and A.P.Kopylov,	On boundary values of quasiconformal mappings in space	238
M.Vuorinen,	Asymptotic values and angular limits of quasiregular mappings	262

II Section

Function theory of one complex variable

O.Fekete,	On some subclasses of Bazilevič functions	268
E.Frank,	A practical method for the computation of the zeros of complex polynomials	274
F.Gackstatter,	Konstruktion vollständiger Minimalflächen von endlicher Gesamtkrümmung-eine Anwendung der klassischen Theorie der Funktionen und Differentiale auf kompakten Riemannschen Flächen	288
I.Maruşciac,	Generalized polynomials of the best L_p -approximation subject to interpolatory constraints	292

S.S.Miller and P.T.Mocanu, Second order differential inequalities in the complex plane	301
P.T.Mocanu and D.Ripeanu, An extremal problem for the transfinite diameter of a continuum	323
N.N.Pascu, Alpha-close-to-convex functions	331
A.Pfluger, On a coefficient inequality for schlicht functions	336
H.Renggli, On holomorphic mappings of annuli into annuli . .	344
B.Rodin and S.B.Warschawski, Estimates of the Riemann mapping function near a boundary point	349
G.St.Sălăgean, Properties of starlikeness and convexity preserved by some integral operators	367
H.Stegbuchner, Carleson-sets and fixed-points of schlicht functions	373

III Section

Several complex variables

C.Bănică, Le lieu réduit et le lieu normal d'un morphisme ,	389
V.Brînzănescu, The Hilbert-Samuel polynomials of a proper morphism	399
P.Dolbeault, Un théorème d'annulation sur les variétés faible- ment 1-complètes	402
S.Dolbeault, Repères de Frenet en géométrie hermitienne . . .	408

P.Flondor,	Holomorphic spaces	415
H.Holmann,	Holomorphe Transformationsgruppen . mit kompakten Bahnen	419
M.Jurchescu,	Varietés mixtes	431
O.Liess,	Projections and liftings of exact holomorphic forms. Applications to the Cauchy problem	449
A.Mallios,	Principal holomorphic fiber bundles as applied to topological algebras	456
O.Stănăşilă,	On the dualizing complex	475
Vo Van Tan,	The "Restraum" problem for l -convex spaces.	483

IV Section

Potential theory

G.Anger,	Ein inverses Problem der Wärmeleitungsgleichung, I.	485
M.Arsove and H.Leutwiler,	Pseudo projections and balayage in algebraic potential theory	508
N.Boboc, Gh.Bucur, and A.Cornea,	Hilbertian and lattice theoretical methods in potential theory.	517
P.M.Gauthier,	Approximating, majorizing, and extending functions defined on unbounded sets	550

P.A.Loeb,	An almost everywhere regular, metrizable boundary supporting the maximal representing measures for bounded and quasibounded harmonic functions	554
J.Lukeš and I.Netuka,	What is the right solution of the Dirichlet problem? .	564
U.Schirmeier,	Banach-Stone-type theorems for harmonic spaces . .	573
B.-W.Schulze,	Multiplicative properties of elliptic boundary value problems	581
L.Stoica,	On the hyperharmonic functions associated with a degenerated elliptic operator	589

V Section

Function theoretical methods in functional analysis (Operators and differential operators)

H.Begehr,	Boundary value problems for composite type systems of first order partial differential equations . . .	600
St.I.Gheorghită,	Sur le mouvement en milieu poreux avec charge variable sur le contour	615
D.Pascali,	On variational methods for Hammerstein equations . .	621
N.Popa,	Die Permanenzeigenschaften der Tensorprodukte von Banachverbänden	627

S.F.Sburlan,		
Constraint strongly monotone operators		648
I.Suciu and I.Valuşescu,		
Fatou and Szegő theorems for operator-valued functions		656
S.Teleman,		
On a theorem of P.Lévy		674
F.-H.Vasilescu,		
Analytic functional calculus and Martinelli's formula		693
S.Zaidman ,		
Some results on abstract differential equations and inequalities		702
S.Zaidman,		
A remark on the weak backward Cauchy problem . . .		706