

The

Michigan Mathematical Journal

EDITORIAL BOARD

Lipman Bers
Lamberto Cesari
Wilfred Kaplan
Irving Kaplansky
Edwin E. Moise
Raymond L. Wilder

MANAGING EDITORS

George Piranian
Renate McLaughlin

THE UNIVERSITY OF MICHIGAN PRESS

ANN ARBOR, MICHIGAN, U.S.A.

INDEX

VOLUME 17, 1970

		Page
Max K. Agoston	On the stable suspension homomorphism	363
Nobuo Aoki	On two invariant σ -algebras for an affine transformation	397
James C. Becker	Immersions of k -orientable manifolds	161
George W. Bright	Rational expressions of certain automorphic forms	129
James R. Brown and Ray C. Shiflett	On extreme doubly stochastic measures	249
William C. Brown	Strong inertial coefficient rings	73
G. Brumfiel	The homotopy groups of BPL and PL/O. III	217
J. D. Buckholtz	Zeros of partial sums of power series. II	5
P. R. Chernoff and J. Feldman	Invariant subspaces for analytically compact operators	23
J. A. Cima and J. A. Pfaltzgraff	A Banach space of locally univalent functions	321
Marco Cirinà	Nonlinear hyperbolic problems with solutions on preassigned sets	193
Yeaton H. Clifton and Robert Maltz	The K -nullity spaces of the curvature operator	85
C. M. Colebrook	The Hausdorff dimension of certain sets of nonnormal numbers	103
O. L. Costich	A relation between Poincaré duality and quotients of cohomology manifolds	225
Herbert Arthur DeKleine	A counterexample to a conjecture in second-order linear equations	29
Andreas Dress	On the Krull-Schmidt theorem for integral group representations of rank 1	273
Vladimir Drobot	An infinite-dimensional version of Liapunov's convexity theorem	405
Charles F. Dunkl and Donald E. Ramirez	Translation in measure algebras and the correspondence to Fourier transforms vanishing at infinity	311
P. J. Eenigenburg and F. R. Keogh	The Hardy class of some univalent functions and their derivatives	335

INDEX

	Page
Ralph McKenzie	Representations of integral relation algebras . . . 279
H. L. Montgomery	Primes in arithmetic progressions 33
James R. Munkres	Concordance classes of sphere bundles over spheres 57
J. A. Pfaltzgraff, see J. A. Cima, page 321	
Ch. Pommerenke	On a variational method for univalent functions . . 1
Donald E. Ramirez, see Charles F. Dunkl, page 311	
R. T. Ramsay	Lindelöf realcompactifications 353
William Reddy	Montgomery-Samelson coverings on spheres . . . 65
J. T. Rogers, Jr.	Mapping the pseudo-arc onto circle-like, self- entwined continua 91
Joseph Rotman, see Ross L. Finney, page 359	
David Rudd	On two sum theorems for ideals of $C(X)$ 139
F. B. Ryan	On the Poisson-Stieltjes representation for functions with bounded real part 301
Allen L. Shields	A note on invariant subspaces 231
Ray C. Shiflett, see James R. Brown, page 249	
Carl D. Sikkema, see Shin'ichi Kinoshita, page 165	
H. P. F. Swinnerton-Dyer	The birationality of cubic surfaces over a given field 289
H. Wu, see R. A. Holzinger, page 297	
T.-S. Wu	Locally compact, totally disconnected, solvable groups 69
Abraham Zaks	Hereditary local rings 267
William P. Ziemer	Extremal length as a capacity 117

CONTENTS

	Page
H. P. F. Swinnerton-Dyer The birationality of cubic surfaces over a given field	289
R. A. Holzinger and H. Wu A characterization of two-dimensional Riemannian manifolds of constant curvature	297
F. B. Ryan On the Poisson-Stieltjes representation for functions with bounded real part	301
Charles F. Dunkl and Donald E. Ramirez Translation in measure algebras and the correspondence to Fourier transforms vanishing at infinity	311
J. A. Cima and J. A. Pfaltzgraff A Banach space of locally univalent functions	321
P. J. Eenigenburg and F. R. Keogh The Hardy class of some univalent functions and their derivatives	335
Jean-Pierre Gossez A note on multivalued monotone operators	347
K. A. Hardie A note on fibrations and category	351
R. T. Ramsay Lindelöf realcompactifications	353
Kyung Whan Kwun Scarcity of orientation-reversing PL involutions of lens spaces	355
Ross L. Finney and Joseph Rotman Paracompactness of locally compact Hausdorff spaces	359
Max K. Agoston On the stable suspension homomorphism	363
George K. Francis Extensions to the disk of properly nested plane immersions of the circle	377
R. C. Lacher Cellularity criteria for maps	385
Nobuo Aoki On two invariant σ -algebras for an affine transformation	397
Clifford A. Kottman and Bor-Luh Lin The weak continuity of metric projections	401
Vladimir Drobot An infinite-dimensional version of Liapunov's convexity theorem	405
Alfred Gray Errata	409