The

Michigan Mathematical Journal

EDITOR

M. S. Ramanujan

ASSOCIATE EDITORS

Morton Brown

Daniel M. Burns, Jr.

John Erik Fornaess

F. W. Gehring

Melvin Hochster

Hugh L. Montgomery

Peter Scott

Michael I. Weinstein

ASSISTANT EDITOR

Mary L. Thompson

DEPARTMENT OF MATHEMATICS
THE UNIVERSITY OF MICHIGAN

ANN ARBOR, MICHIGAN, U.S.A.

ISSN 0026-2285

The Michigan Mathematical Journal is published by the Department of Mathematics at the University of Michigan and endeavors to publish significant research articles in all areas of mathematics. One volume is published each year, and each volume consists of three issues. The subscription price is \$90 per volume (postage included); single issues may be purchased for \$35. Subscriptions intended for the private use of individuals are available at the reduced rate of \$50 per volume.

Subscription orders should be sent to Marsha Spickenagel, Subscription Secretary, Michigan Mathematical Journal, Department of Mathematics, University of Michigan, Ann Arbor, Michigan, 48109. All subscriptions must be prepaid in U.S. funds. The Journal will accept payment for subscriptions one, two, or three years in advance. Checks and money orders should be made payable to the Michigan Mathematical Journal.

Volumes 12 through 23 (1965–1976) consist of four issues per volume; earlier volumes vary in size from one to three issues. Volumes 12 through 42 may be purchased from the publisher at the price of \$90 per volume. Volumes 1 through 9 are no longer available from the University of Michigan; they may be purchased from the Johnson Reprint Corporation, 111 Fifth Avenue, New York, N.Y., 10003. Volumes 10 and 11 are not available.

To submit a paper for publication, an author should send two copies of the manuscript to the Editor, Michigan Mathematical Journal, University of Michigan, Ann Arbor, Michigan, 48109. The submission of a paper implies the author's assurance that it has not been copyrighted, published, or submitted for publication elsewhere. Preference will be given to manuscripts between ten and forty pages in length. All authors of papers accepted for publication will be required to sign a transfer of copyright agreement.

To help defray the cost of publication of the journal, page charges of \$40 per printed page will be billed to the author's institution. If the institution is unable to pay any charges, the author will be asked to pay a nominal fee for 100 offprints; joint authors will share the 100 offprints.

Authors should strive for expository clarity and good literary style. Manuscripts lacking in these respects will not be published. Manuscripts submitted for publication should be neatly typed on one side of the page only, double spaced (including references), with generous margins. Hand inserted symbols should be well-spaced and legible; unusual symbols and complicated combinations of symbols should be avoided. Acknowledgments of grant support should be placed after the references, which should be listed in alphabetical-chronological order. References to articles and books should be in the standard form with the standard abbreviations established by Mathematical Reviews. Diagrams should be drawn in black on separate sheets of white paper; the original art should be submitted along with a xerographic copy.

Copyright © the Regents of The University of Michigan, A Michigan Constitutional Corporation, 1996

Contents

PAGE	Ξ
Boundary Correspondence under $\mu(z)$ -Homeomorphisms Jixiu Chen, Zhiguo Chen, & Chengqi He	1
Isomorphic Classification of Cartesian Products of Power Series Spaces P. B. Djakov, M. Yurdakul, & V. P. Zahariuta	1
Minkowski Dimension and the Poincaré Exponent Christopher J. Bishop	1
Convolutions and Fourier-Feynman Transforms of Functionals Involving Multiple Integrals Timothy Huffman, Chull Park, & David Skoug	7
The Holonomy in Open Manifolds of Nonnegative Curvature Valery Marenich	3
On the Sum of Monotone Operators Liang-Ju Chu	3
The Backward Shift on Weighted Bergman Spaces Alexandru Aleman & William T. Ross	1
A Geometric Characterization of Smooth Linearizability Patrick D. McSwiggen	1
The Effect of Boundary Regularity on the Singular Numbers of Friedrichs Operators on Bergman Spaces Steven G. Krantz, Song-Ying Li, Peng Lin, & Richard Rochberg 33	7
A p-adic Analog of Wirtinger's Inequality C. F. Woodcock	9
Commuting Toeplitz Operators on the Bergman Space of an Annulus Željko Čučković	5
An Inverse Function Theorem for Fréchet Spaces Admitting Generalized Smoothing Operators Markus Poppenberg	7
Controls on the Plus Construction R. I. Daverman & F. C. Tinsley	a