Real Analysis Exchange

Volume 1 1976

Reprinted with the permission of the original publisher by

Periodicals Service Company

Hudson, NY

2017

Printed on acid-free paper.

This reprint was reproduced from the best original edition copy available.

NOTE TO THE REPRINT EDITION:
In some cases full page advertisements which do not add to
the scholarly value of this volume have been omitted.
As a result, some reprinted volumes may have irregular pagination.

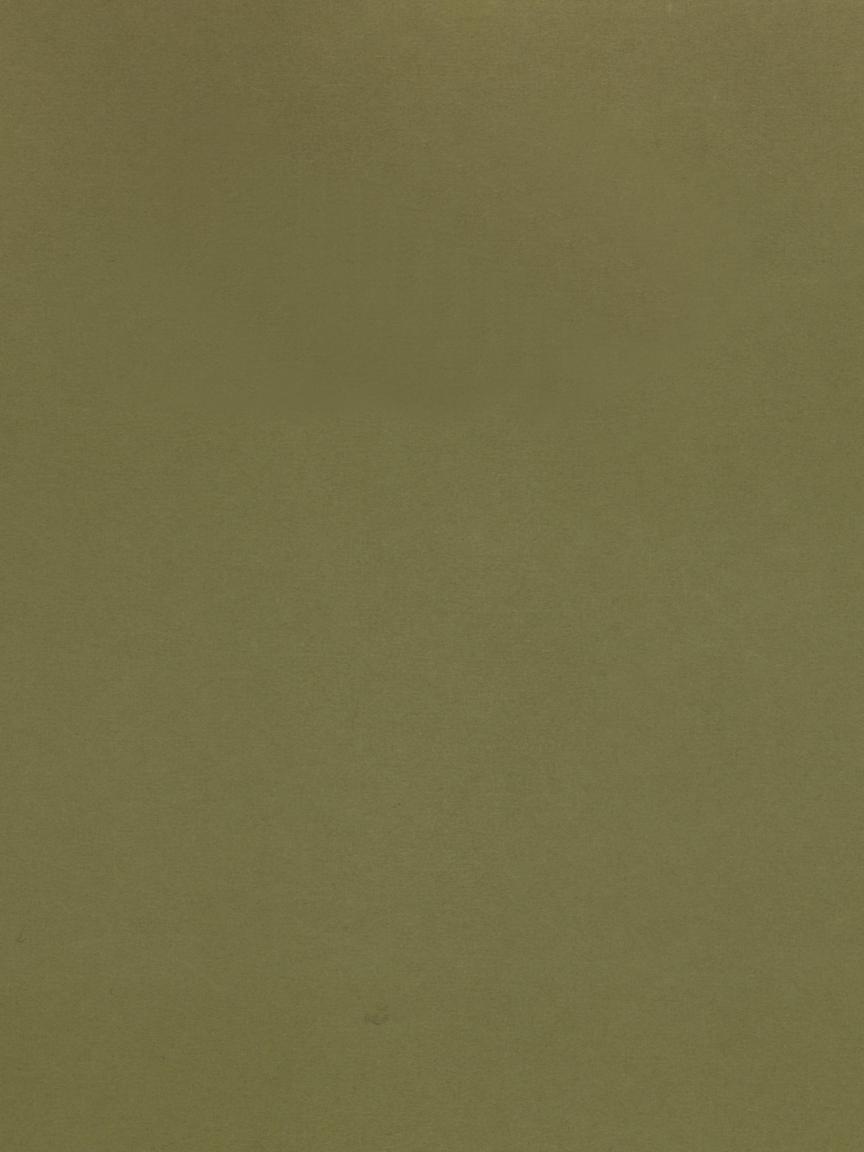
VOLUME 1 NO. 1 - 1976

REAL ANALYSIS EXCHANGE

CONTENTS

EDITORIAL MESSAGES			•				
TOPICAL SURVEY							
C. L. Belna Cluster Sets of Arbitrary Re. I Functions: A Partial Survey	•						7
INROADS							
T. G. McLaughlin and R. C. Woodcock Some Uniform Pathology for Borel Measure	•						21
H. W. Pu and H. H. Pu A Problem of Marcus							24
C. L. Belna, M. J. Evans, and P. D. Humke Directional Cluster Sets				•			27
R. J. Fleissner Products of Approximate Derivatives							31
M. Foran Symmetric Functions							38
F. N. Huggins On the Space BSV ^m [a, b]							41
J. Foran Nowhere Monotone Functions							44
R. J. O'Malley Selective Derivates							50
CM. Lee							
Monotonicity Theorems for Approximate Peano Derivatives and Integrals							52
OUERIES							63





REAL ANALYSIS EXCHANGE

EDITORIAL BOARD

MANAGING EDITORS

Michael J. Evans Western Illinois University Macomb, Illinois 61455 Paul D. Humke Western Illinois University Macomb, Illinois 61455

ASSOCIATE EDITORS

Richard Fleissner
University of
Wisconsin - Milwaukee
Milwaukee, Wisconsin 53201

Richard J. O'Malley University of Wisconsin - Milwaukee Milwaukee, Wisconsin 53201 James Foran University of Missouri - Kansas City Kansas City, Missouri 64108

Clifford E. Weil Michigan State University East Lansing, Michigan 48824

Notice to Contributors

- 1. Any author interested in writing a Topical Survey article should contact one of the Managing Editors for information concerning format and length.
- 2. Inroads articles should be typed in camera-ready form. They should have one inch margins on the top and bottom and one and one-half inch margins on both sides for binding purposes. The deadline for acceptance of Inroads articles is October 15, 1976 for the Winter edition of the Exchange. The deadline for the Spring Exchange is March 15, 1977.
- 3. Queries should be typed and any appropriate bibliographical or historical information should be included. Solutions to previous Queries should have the same margins as the Inroads articles and should also be in camera-ready form. Lengthy Query solutions will be published within the Inroads section of the Exchange. The deadline for Queries to be published in the Winter Exchange is November 15, 1976 and the deadline for the Spring Exchange is March 15, 1377.

All correspondence with the Exchange should be sent to the following address.

Real Analysis Exchange
Department of Mathematics
Western Illinois University
Macomb, Illinois 61455

Subscription Information (Beginning with the Winter 1976 edition)

Basic annual subscription (two booklets)...\$2.00
 Preprint mailing service.....\$5.00
 Combined service (1 and 2 above)......\$7.00