

REAL ANALYSIS  
EXCHANGE

EDITORIAL BOARD

---

*MANAGING EDITORS*

John Marshall  
Michigan State University  
East Lansing, MI 48824

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

*ASSOCIATE EDITORS*

Michael J. Evans  
North Carolina State  
University  
Raleigh, NC 27650

Richard Fleissner  
Western Illinois University  
Macomb, IL 61455

James Foran  
University of Missouri  
Kansas City, MO 64108

Paul D. Humke  
St. Olaf College  
Northfield, MN 55057

Richard J. O'Malley  
University of Wisconsin  
Malwaukee, WI 53201

---

Library of Congress Catalog Card Number

77-647120

International Standard Serian Number

0147-1937

The Real Analysis Exchange is comprised of four major sections, each with a distinct charge. Contributors should indicate that section of the Exchange for which they wish their typescript to be considered. Papers submitted to the Research Article section will be sent to two referees for their independent judgment, while papers submitted to the Inroads Section are normally sent to a single referee who checks appropriateness. Descriptions of each section of the Exchange follow.

Section 1: *Topical Surveys*

This section consists of survey articles concerning one area of current research activity. These articles would differ from survey articles in major journals both in their more limited scope and greater depth. It is anticipated that such a survey article would indicate a stream of mathematical thought from origins of the current problem area up to and including unpublished results. *Topical Survey* articles are refereed and reviewed by both the Mathematical Reviews and Zentralblatt für Mathematik.

Section 2: *Research Articles*

This section is reserved for original research in the areas of real analysis, functions of real variables, and real set theory. As this section is intended for primary source material, the results published in this section should not appear in unabstracted form elsewhere. Papers submitted as *Research Articles* will be refereed prior to publication and reviews of *Research Articles* will appear in both the Mathematical Reviews and Zentralblatt für Mathematik.

Section 3: *Inroads*

This third section consists of annotated abstracts of the recent work of real analysis coupled with bibliographic information concerning this work. In addition, the *Inroads* Section can well serve the need to publicize real analysis dissertation results.

Section 4: *Queries*

In this section problems are presented together with appropriate bibliographical and historical information. This is not meant to be a recreational section but a forum for the presentation of unsolved problems in specific areas of real analysis.

## Notice to Contributors

1. Any author interested in writing a Topical Survey article should contact Paul Humke, Department of Mathematics, St. Olaf College, Northfield, Minnesota 55057, for detailed information.
2. Articles for the Inroads and Research Articles sections should be neatly typed in camera-ready form. They should have one inch margins on the top and bottom and one and one-half inch margins on the sides for binding purposes. Contributors should take note of the heading format used in these two sections. Please be sure to indicate whether the paper is to be considered as a Research Article or an Inroad. The deadlines for receipt of Inroads are November 1 for the winter edition and April 1 for the spring edition. Research Articles may be submitted at any time and will be carefully refereed as promptly as possible.
3. Queries should be typed with appropriate bibliographical or historical information included. Solutions to previous Queries should have the same margins as Inroads articles and should also be in camera ready form. Lengthy solutions will be published in the Inroads section. The deadlines for receipt of Queries are November 15 for the winter issue and April 15 for the spring issue.

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

Real Analysis Exchange  
Department of Mathematics  
Michigan State University  
East Lansing, Michigan 48824

## Subscription Information

Academic Year Subscription (2 issues):

Individual  
\$3.00

Library  
\$5.00

THE SIXTH SYMPOSIUM ON REAL ANALYSIS

will be held at

The University of Waterloo

on

June 22-25, 1982

The following speakers have been invited to give one hour talks:

J. Brown (Auburn)

A.M. Bruckner (Santa Barbara)

M. Laczkovich (Budapest)

R. Henstock (Ulster)

There will also be 30-minute sessions for contributed papers.

Those who wish to be kept informed about this symposium and/or plan to attend should contact

George Cross, Chairman  
Department of Pure Mathematics  
University of Waterloo  
Waterloo, Ontario  
Canada N2L 3G1

## Special Year in Real Analysis

The Mathematics Department of the University of California, Santa Barbara is sponsoring a special year in real analysis (September 1983 to June 1984). The following mathematicians will probably be in residence:

B. Thomson (Simon Fraser)	(September 1983--June 1984)
C. Goffman (Purdue)	(January 1984--June 1984)
P. Humke (St. Olaf)	(January 1984--June 1984)
M. Laczkovich (Budapest)	(January 1984--June 1984)
G. Petruska (Budapest)	(January 1984--June 1984)
D. Priess (Praque)	(January 1984--June 1984)
G. Cross (Waterloo)	(January 1984--April 1984)
P. Mikusiński (Katowice)	(September 1983--June 1984)
J. Mikusiński (Katowice)	(September 1983--December 1983)
P. Antosik (Katowice)	(September 1983--December 1983)

The department will host a week-long conference during the quarter break in late March. If you are on sabbatical leave and are interested in visiting for part of the year please write to Professor Jack Ceder or Andrew Bruckner (Department of Mathematics, University of California Santa Barbara, CA 93106)