

Notice to Contributors

1. Sections of the *Real Analysis Exchange*

Topical Surveys are articles giving an overview of one area of current research activity. These articles differ from survey articles in other journals both by their more limited scope and greater depth. Such articles should include a stream of mathematical thought from the origins of the topic through unpublished results. For information about writing a survey article, contact Paul Humke, Department of Mathematics, St. Olaf College, Northfield, MN 55057, USA (email: humke@stolaf.edu)

Research Articles are reserved for original research in areas of real analysis, functions of one or more real variables and real set theory. The results appearing in this section must not appear in unabstracted form elsewhere.

Inroads are papers containing new and simple proofs of well-known theorems, or simple and interesting consequences of well-known results. In general, abstracts of papers to appear elsewhere are not appropriate. A synopsis of a dissertation in real analysis is appropriate, if the results are not to appear in another journal. Authors need not present proofs of all assertions in an Inroads article, but when an omitted proof is not easy, the reader should be told.

Queries are problems presented with appropriate background and bibliographical information. This section is not for recreational problems, but rather a forum for the presentation of unsolved problems in specific areas of real analysis.

2. Manuscript Preparation

Manuscripts for the *Real Analysis Exchange* may be submitted in typed form, or electronically, either on a disk or by e-mail. Papers submitted electronically should be in \LaTeX or \AMSTeX format. A special style file including instructions for authors is available from Associate Editor, Lee Larson, but any article written using the standard article document style which conforms to the standard \LaTeX conventions is acceptable.

3. Manuscript Submission

A submission to any section should be sent to the appropriate Contributing Editor according to subjects listed below.

Jack Brown:	topology
Peter Bullen:	Generalized integration in one and several variables Theorems of Gauss and Green
Krzysztof Ciesielski:	Foundations
James Foran:	Continuity, generalized continuity, variation.
Hans P. Heinig:	Harmonic and Fourier analysis, inequalities
Daniel Mauldin:	geometric and classical measure theory.
Richard O'Malley:	Iteration, dynamical systems
Brian S. Thomson:	differentiation, antidifferentiation, Baire and Borel classifications

If in doubt, send your submission to any Managing Editor.

H. Fejzić, C. Freiling and D. Rinne	
Two-dimensional partitions	540
A. Rychlewicz	
On continuous and quasi-continuous functions	547

INROADS

R. Gibson and I. Reclaw	
Concerning functions with a perfect road	564
S. Plewik and W. Surówka	
Closed mappings	571
L. Zajíček	
A note on the O'Malley density property	575
V. Ene	
A fundamental lemma for monotonicity	579
D. Rose and D. Jankovic	
On functions having the property of Baire	589
Z. Grande	
On the inverse multifunction	598
Z. Hu	
The right-hand derivative of a certain integral function	604
C. Bernhardt and E. Coven	
On the existence of fundamental representatives of cyclic permutations in maps of an interval	608
Z. Buczolic	
No concentrated measures with $b < 1.01$	612
K. Ciesielski	
On the range of uniformly antisymmetric functions	616
C. Freiling	
An open set with intermediate yet smooth measure	620
E. Poletsky	
Hausdorff measures of sets which intersect sufficiently many linear subspaces	625
H. Fejzić and C. Weil	
Repairing the proof of a classical differentiation result	639
D. Rinne	
Rectangular and iterated convergence of multiple trigonometric series	644
R. Mimna	
A note on functions determined by dense sets	651
L. Olsen	
A potential theoretic proof of an inequality of C. D. Culter and L. Olsen	656
M. Schramm	
On HBV and the Garsia-Sawyer class	660