

## Sections of the *Real Analysis Exchange*

**Topical Surveys** give an overview of one area of current research. These articles differ from those in other journals both by their more limited scope and greater depth. They should include a stream of mathematical thought from the origins of the topic through unpublished results. For information about writing a survey article, contact Managing Editor Paul Humke.

**The Research Articles** section is reserved for original work in areas of interest to real analysts. Below is a list of such areas grouped by Contributing Editor. To be published as a research article a paper must be correct and contain nontrivial new results significant to the literature of real analysis.

**The Inroads** section is intended for a less traditional presentation of information of interest to real analysts. Papers submitted to this section are expected to attain a high level of exposition, detailing both the results of the paper and their mathematical context. Submissions are evaluated more on their level of interest and utility than on the amount of original research they contain. Examples include:

- a new synthesis or viewpoint of known results
- a clever new proof of an important theorem
- an illuminating example or counterexample
- helpful progress on a complex problem
- an informative historical account

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

## Manuscript Preparation and Submission

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  $\text{\LaTeX}$  or  $\mathcal{A}\mathcal{M}\mathcal{S}\text{-}\text{\LaTeX}$  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  $\text{\LaTeX}$  conventions is acceptable.

A submission should be of interest to a substantial number of real analysts. It should be sent to the appropriate Contributing Editor and be designated for a specific section. Moreover it must not be under review elsewhere.

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 either Managing Editor.



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