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 Such articles should include a stream of mathematical thought from the origins of the topic through unpublished results.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 IATEX or AMS-IATEX 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 IATEX conventions is acceptable.

3. Manuscript Submission

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

Peter Bullen: Generalized integration in one and several variables.

Theorems of Gauss and Green

Krzysztof Ciesielski: Foundations and topology

James Foran: Continuity, generalized continuity, variation, classical

measure theory

Hans P. Heinig: Harmonic and Fourier analysis, inequalities

Richard O'Malley: Iteration, dynamical systems

Brian S. Thomson: differentiation, antidifferentation, Baire and Borel

classifications

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

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