

EDITORIAL MESSAGES

During its initial three years the Real Analysis Exchange has been comprised of three major sections, each with a separate charge. A description of each section can be found below. Of these, the most heterogeneous has been the *Inroads* Section where articles have ranged from summaries of work to appear elsewhere to self contained research papers. The Mathematical Reviews has requested that we identify primary source material with a separate section heading. For this reason we are initiating a new *Research Article* section with this issue. The *Inroads* Section will continue to publish annotated abstracts, research summaries, and abstracts of lengthy unpublished works such as Ph.D. dissertations. As you probably have noticed, the entire Exchange is reviewed by Zentralblatt für Mathematik and now the *Research Articles* as well as *Topical Surveys* (already reviewed) will be reviewed by Mathematical Reviews. Papers submitted to the new *Research Article* section will be sent to two referees for their independent judgment; this has been the policy for research articles which have been submitted as *Inroads* in the past. Annotated abstracts submitted to the *Inroads* Section are normally sent to a single referee who verifies 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article would indicate a stream of mathematical thought from origins of the current problem area up to and including unpublished results.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 analysts 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.