

Mathematics

Respondent:

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Note: Rather than ask a single editor to respond, I have pulled together the answers from several sources here at the Society. No one person would likely know all the answers (which perhaps tells you something about the process).

What style manual(s) do mathematics journals generally use?

The Chicago Manual of Style, 14th and 15th editions, and *Mathematics Into Type*, updated edition of 1999.

In mathematics, what criteria must an individual generally meet to be listed as an author? When a journal article in mathematics has more than one author, what are the norms for deciding the order in which authors are listed?

Almost never any uncertainty: Authors are clear on mathematics papers. They are almost always listed in alphabetical order, no matter what the circumstances.

What number of peer reviewers per paper tends to be typical in mathematics? Typically, are authors' identities revealed to the reviewers? Are reviewers' identities revealed to the authors?

There are usually one or two reviewers. Authors are usually known to reviewers, but reviewers are never known to authors.

In mathematics, do journal articles reporting original research usually contain abstracts? If so, how are the abstracts usually

structured?

Most journals publish abstracts of papers. The abstracts usually consist of a single paragraph summarizing the results of the paper.

What is the usual structure of a journal article reporting original research in mathematics?

Long articles are most often divided into sections; short articles consist of a single piece. A list of references is included at the end with end notes (although end notes are seldom used).

What are some of the current issues and trends regarding editing in mathematics?

Editing for HTML and SGML formats has become important. Journals increasingly use "editorial lite", that is, they avoid making changes to style unless necessary. Soft proofs are used: authors receive proofs electronically for comment. There is more author control than earlier; it is common for authors to prepare both text and graphics.

Are there aspects of mathematics editing not asked about that seem worth noting? If so, please discuss.

In the future, new markup languages will become necessary; MathML is the most favored candidate. Graphics play an increasingly important role in journals.

What sources would you recommend to readers interested in further information about editing in mathematics?

Technical guides for TeX (preferably AMS-LaTeX); there are many books on LaTeX and TeX. The American Mathematical Society author resource center at www.ams.org/authors.