

## JOURNALS PUBLISHED BY THE AMERICAN MATHEMATICAL SOCIETY

**Bulletin of the American Mathematical Society** is the official organ of the Society. It reports official acts of the Society and the details of its meetings. It contains some of the officially invited addresses presented before the Society, reviews of advanced mathematical books, and has a department of research announcements. Invited addresses offered for publication should be sent to HANS F. WEINBERGER, Dept. of Mathematics, University of Minnesota, Minneapolis, MN 55455. Book reviews should be sent to PAUL R. HALMOS, Dept. of Mathematics, University of California at Santa Barbara, Santa Barbara, CA 93106. Research announcements are limited to 100 typed lines of 65 spaces each, including references. They are intended to communicate outstanding results that are to be reported in full elsewhere. Research announcements should be sent directly to a member of the Council of the American Mathematical Society, who is also a member of an editorial committee of the Society. The names of these council members together with the first two digits of the subject field from the AMS (MOS) Subject Classification Scheme (1970) in which they are prepared to consider manuscripts are on the inside back cover. All other correspondence about research announcements should be sent to OLGA TAUSSKY TODD, American Mathematical Society, Dept. of Mathematics, 253-37, California Institute of Technology, Pasadena, CA 91125.

The first page of each article, including research announcements, that is submitted for publication should bear a *descriptive title* which should be short, but informative. Useless or vague phrases such as "some remarks about" or "concerning" should be avoided. Before the first footnote, there should be the *AMS (MOS) subject classification numbers* representing the primary and secondary subjects of the article. If a list of *key words and phrases* describing the subject matter of the article is included, it will also be printed as a footnote on the first page. The AMS (MOS) Subject Classification Scheme (1970) with instructions for its use can be found as an appendix to MATHEMATICAL REVIEWS, index to volume 39 (1970). See the June 1970 NOTICES for more details, as well as illustrative examples.

When a paper with more than one author has been accepted for publication, only one set of galley proof will be sent. Joint authors should, therefore, indicate on the original manuscript which of them should receive galley proof in the event that the manuscript is accepted for publication.

**BACKLOG.** NONE. 90% of the papers currently being communicated by the editors will be published in 3–4 months.

**Proceedings of the American Mathematical Society** is a monthly journal devoted entirely to research in pure and applied mathematics, principally to the publication of original papers of moderate length. A department called Shorter Notes was established for the purpose of publishing very short papers of an unusually elegant and polished character for which there is normally no other outlet. Papers in algebraic and differential topology should be sent to REINHARD E. SCHULTZ, Dept. of Mathematics, Purdue University, West Lafayette, IN 47907; in combinatorics and discrete mathematics to JAY R. GOLDMAN, School of Mathematics, University of Minnesota, Minneapolis, MN 55455; in commutative algebra to ROBERT M. FOSSUM, Dept. of Mathematics, University of Illinois, Urbana, IL 61801; in complex variables and analytic number theory to W. E. KIRWAN, Dept. of Mathematics, University of Maryland, College Park, MD 20742 or to LAWRENCE A. ZALCMAN, Dept. of Mathematics, University of Maryland, College Park, MD 20742; in differential equations to RICHARD K. MILLER, Dept. of Mathematics, Iowa State University, Ames, IA 50010; in functional analysis and operator theory to CHANDLER DAVIS, Dept. of Mathematics, University of Toronto, Toronto M5S 1A1, Canada or to RONALD G. DOUGLAS, Dept. of Mathematics, State University of New York at Stony Brook, Stony Brook, NY 11790 or to ROBERT R. PHELPS, Dept. of Mathematics, University of Washington, Seattle, WA 98195; in general algebra to BARBARA L. OSOFSKY, Dept. of Mathematics, Rutgers University, New Brunswick, NJ 08903; in general analysis to RICHARD R. GOLDBERG, Dept. of Mathematics, Vanderbilt University, Nashville, TN 37235; in general topology to DAVID J. LUTZER, Dept. of Mathematics, Texas Tech University, Lubbock, TX 79409 or to THOMAS A. CHAPMAN, Dept. of Mathematics, University of Kentucky, Lexington, KY 40506; in geometry to JOSEPH A. WOLF, Dept. of Mathematics, University of California at Berkeley, Berkeley, CA 94720; in group theory to NORMAN BLACKBURN, Dept. of Mathematics, The University, Manchester M13 9PL, England; in logic and foundations to Paul C. Eklof, Dept. of Mathematics, University of California at Irvine, Irvine, CA 92717; in probability and other fields to NARESH JAIN, School of Mathematics, 127 Vincent Hall, University of Minnesota, Minneapolis, MN 55455; in real variables to RICHARD A. HUNT, Dept. of Mathematics, Purdue University, Lafayette, IN 47907. All other communications should be addressed to the Managing Editor BARBARA L. OSOFSKY at the above address.