

## 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, Department of Mathematics, University of Minnesota, Minneapolis, Minnesota 55455. Book reviews should be sent to PAUL R. HALMOS, Department of Mathematics, Indiana University, Bloomington, Indiana 47401. Research announcements are limited to 100 typed lines of 65 characters each. 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 are marked with asterisks on the list which appears on the inside back cover. All other correspondence about research announcements should be sent to JOHN L. KELLEY, Department of Mathematics, University of California, Berkeley, California 94720.

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. The subscription price is \$14 per annual volume of six numbers.

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 GLEN E. BREDON, Department of Mathematics, Rutgers University, New Brunswick, New Jersey 08903; in combinatorics and discrete mathematics to JAY R. GOLDMAN, School of Mathematics, University of Minnesota, Minneapolis, Minnesota 55455; in commutative algebra to ROBERT M. FOSSUM, Department of Mathematics, University of Illinois, Urbana, Illinois 61801; in complex variables and analytic number theory to LOUIS BRICKMAN, Department of Mathematics, State University of New York at Albany, Albany, New York 12203 or to PETER L. DUREN, Department of Mathematics, University of Michigan, Ann Arbor, Michigan 48104; in differential equations to FRED BRAUER, Department of Mathematics, University of Wisconsin, Madison, Wisconsin 53706; in functional analysis and operator theory to JACOB FELDMAN, Department of Mathematics, University of California, Berkeley, California 94720 or to RONALD G. DOUGLAS, Department of Mathematics, State University of New York at Stony Brook, Stony Brook, New York 11790 or to PETER A. FILLMORE, Department of Mathematics, Indiana University, Bloomington, Indiana 47401; in general algebra to BARBARA L. OSOFSKY, Department of Mathematics, Rutgers University, New Brunswick, New Jersey 08903; in general analysis to RICHARD R. GOLDBERG, Department of Mathematics, University of Iowa, Iowa City, Iowa 52240; in general topology to W. WISTAR COMFORT, Department of Mathematics, Wesleyan University, Middletown, Connecticut 06457 or to THOMAS A. CHAPMAN, Department of Mathematics, University of Kentucky, Lexington, Kentucky 40506; in geometry to JOSEPH A. WOLF, Department of Mathematics, University of California, Berkeley, California 94720; in group theory to NORMAN BLACKBURN, Department of Mathematics, University of Illinois at Chicago Circle, Chicago, Illinois 60680; in logic and foundations to ROBERT I. SOARE, Department of Mathematics, University of Illinois at Chicago Circle, Chicago, Illinois 60680; in probability and other fields to JAMES D. KUELBS, Department of Mathematics, University of Wisconsin, Madison, Wisconsin 53706; in real variables to RICHARD A. HUNT, Division of Mathematical Sciences, Purdue University, Lafayette, Indiana 47907. All other communications should be addressed to the Managing Editor FRED BRAUER.