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, Indiana University, Bloomington, IN 47401. 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, Department 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 LOUIS BRICKMAN, Dept. of Mathematics, State

University of New York at Albany, Albany, NY 12203 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 California at Berkeley, Berkeley, CA 94720 or to RONALD G. DOUGLAS, Dept. of Mathematics, State University of New York at Stony Brook, Stony Brook, NY 11790 or to PETER A. FILLMORE, Dept. of Mathematics, Dalhousie University, Halifax, Nova Scotia, Canada; 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 K. JON BARWISE, Dept. of Mathematics, University of Wisconsin, Madison, WI 53706; 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.

Mathematics of Computation is a quarterly journal devoted to original papers in numerical analysis, the application of numerical methods and high-speed calculator devices, the computation of mathematical tables, the theory of high-speed calculating devices, and other aids to computation. In addition, reviews and notes in these and related fields are published. Prospective publications should be sent to the Editor, JAMES H. BRAMBLE, Center for Applied Mathematics, 275 Olin Hall, Cornell University, Ithaca, NY 14853.

Mathematical Reviews is a monthly journal devoted to abstracts and reviews of the current mathematical literature of the world. Each volume consists of six regular issues plus an index issue. Abstracts and reviews are grouped under subject headings.

Transactions of the American Mathematical Society is a monthly journal devoted entirely to research in pure and applied mathematics and, in general, includes longer papers than those in the PROCEEDINGS. Papers in real analysis (excluding harmonic analysis) and applied mathematics should be sent to ROBERT T. SEELEY, Dept. of Mathematics, University of Massachusetts at Boston, Harbor Campus, Boston, MA 02125; in harmonic and complex analysis to HUGO ROSSI, Dept. of Mathematics, University of Utah, Salt Lake City, UT 84112; in abstract analysis to ALEXANDRA BELLOW, Dept. of Mathematics, Northwestern University, Evanston, IL 60201; in algebra and number theory (excluding universal algebras) to STEPHEN S. SHATZ, Dept. of Mathematics, University of Pennsylvania, Philadelphia, PA 19174; in logic, foundations, universal algebras and combinatorics to SOLOMON FEFERMAN, Dept. of Mathematics, Stanford University, Stanford, CA 94305; in topology to PHILIP T. CHURCH, Dept. of Mathematics, Syracuse University, Syracuse, NY 13210; in global analysis and differential geometry to VICTOR W.

GUILLEMIN, Dept. of Mathematics, Massachusetts Institute of Technology, Cambridge, MA 02139; in probability and statistics to DANIEL W. STROOCK, Dept. of Mathematics, University of Colorado, Boulder, CO 80302. All other communications to the editors should be addressed to the Managing Editor, STEPHEN S. SHATZ at the above address.

Memoirs of the American Mathematical Society is a bimonthly journal constituting a series of paperbound research tracts which are of the same general character as the papers published in the TRANSACTIONS. An issue of the MEMOIRS is made up of one or more numbers; a number contains either a single monograph or a group of cognate papers. Copy is supplied by the author; information on preparation of camera copy may be obtained by writing to the Editorial Department of the American Mathematical Society. Papers should be sent to the appropriate editor of TRANSACTIONS.

Notices of the American Mathematical Society, published eight times a year, announces the programs of the meetings of the Society. The NOTICES carries the abstracts of all contributed papers presented at the meetings of the Society and publishes news items of interest to mathematical scientists. All communications should be addressed to the Editor, American Mathematical Society, P.O. Box 6248, Providence, RI 02940. News items and insertions for each issue must be in the hands of the editor on or before the deadline for the abstracts for the papers to be presented in the meetings announced that issue. These deadlines are published regularly on the inside front cover.

Current Mathematical Publications, issued biweekly, contains a subject-classified index of papers and books being published currently in mathematics.

TRANSLATION JOURNALS

Soviet Mathematics–Doklady is a bimonthly translation journal containing the entire pure mathematics section of the DOKLADY AKADEMII NAUK SSSR, the Reports of the Academy of Sciences in the USSR. DOKLADY publishes 500 articles a year, each about four pages long.

Mathematics of the USSR–Izvestija, a bimonthly journal is a cover-to-cover translation of IZVESTIJA AKADEMII NAUK SSSR SERIJA MATEMATIČESKAJA, published by the Academy of Sciences of the USSR. This is a journal of current research in all fields of pure mathematics.

Mathematics of the USSR–Sbornik is a monthly journal and is a cover-to-cover translation of MATEMATIČESKII SBORNIK (NOVAJA SERIJA), published by the Moscow Mathematical Society and the Academy of Sciences of the USSR. This is a journal of current research in all fields of pure mathematics.

Theory of Probability and Mathematical Statistics is the cover-to-cover translation into English of the TEORIJA VEROJATNOSTEĬ I MATEMATIČESKAJA STATISTIKA published by Kiev University, beginning with the 1970 Soviet publication.

Vestnik of the Leningrad University (Mathematics) is the complete translation into English of the mathematics section of the VESTNIK LENINGRADSKOGO UNIVERSITETA, beginning with the Societ publication of 1968. All fields of mathematics are covered.

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