

Journals Published by the American Mathematical Society

Bulletin of the American Mathematical Society

This journal 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. The subscription price is \$12 per annual volume of six numbers.

Invited addresses offered for publication should be sent to MURRAY GERSTENHABER, Department of Mathematics, University of Pennsylvania, Philadelphia, Pennsylvania 19104. Book reviews should be sent to GIAN-CARLO ROTA, Department of Mathematics, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139. Research announcements should be sent directly to a member of the Council of the American Mathematical Society. All other correspondence about research announcements should be sent to MURRAY H. PROTTER, Department of Mathematics, University of California, Berkeley, California 94720. A list of members of the Council of the American Mathematical Society for 1971 is listed on the inside back cover. All other communications to the editors should be sent to the Managing Editor, MURRAY GERSTENHABER, at the above address.

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.

Proceedings of the American Mathematical Society

This journal is devoted entirely to research in pure and applied mathematics and is devoted 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 algebra, number theory, and algebraic geometry should be sent to GEORGE B. SELIGMAN, Department of Mathematics, Yale University, New Haven, Connecticut 06520 or JOSEPH J. ROTMAN, Department of Mathematics, University of Illinois, Urbana, Illinois 61801; in modern or classical analysis to IRVING GLICKSBERG, Department of Mathematics, University of Washington, Seattle, Washington 98105, W. H. J. FUCHS, White Hall, Cornell University, Ithaca, New York 14850 or to ALLEN SHIELDS, Department of Mathematics, University of Michigan, Ann Arbor, Michigan 48104; in set-theoretic and general topology to ERNEST A. MICHAEL, Department of Mathematics, University of Washington, Seattle, Washington 98105; in algebraic topology and all other geometry to EMERY THOMAS, Department of Mathematics, University of California, Berkeley, California 94720; in applied mathematics, differential equations, and related areas of analysis to FRED G. BRAUER, Mathematics Department, University of Wisconsin, Madison, Wisconsin 53706; in probability, statistics, and related fields to JOSHUA CHOVER, Mathematics Department, University of Wisconsin, Madison, Wisconsin 53706; in logic, set theory and related areas to W. W. BOONE, Mathematics Department, University of Illinois, Urbana, Illinois 61801. All other communications should be addressed to the Managing Editor, W. H. J. FUCHS.

Mathematics of Computation

A 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 it publishes reviews and notes in these and related fields.

Prospective publications should be addressed to the Editor, EUGENE ISAACSON, Courant Institute of Mathematical Sciences, New York University, 251 Mercer Street, New York, New York 10012. The author may suggest the name of an editor for review of his paper.

Mathematical Reviews

This journal is devoted to abstracts and reviews of the current mathematical literature of the world. Two volumes of MATHEMATICAL REVIEWS will be published in 1971, Volume 41, and Volume 42. Each volume will consist of 6 regular issues plus an index issue. In each regular issue the abstracts and reviews are grouped under subject headings. Publication began in 1940.

Transactions of the American Mathematical Society

This journal is devoted entirely to research in pure and applied mathematics, and includes in general longer papers than the PROCEEDINGS.

Papers in analysis and applied mathematics should be sent to J. J. KOHN, Department of Mathematics, Princeton University, Princeton, New Jersey 08540; in topology to STEVE ARMENTROUT, Department of Mathematics, Pennsylvania State University, University Park, Pennsylvania 16802; in algebra, number theory, and logic to DOCK. S. RIM, Department of Mathematics, University of Pennsylvania, Philadelphia, Pennsylvania 19104; in geometry and abstract analysis to SHLOMO STERNBERG, Department of Mathematics, Harvard University, Cambridge, Massachusetts, 02138; in statistics and probability to HARRY KESTEN, Department of Mathematics, Cornell University, Ithaca, New York 14850; in mathematical logic and foundations to DANA SCOTT, Department of Philosophy, Princeton University, Princeton, New Jersey 08540. All other communications to the editors should be addressed to the Managing Editor, DANA SCOTT.

Memoirs of the American Mathematical Society

The MEMOIRS of the American Mathematical Society constitute a series of paper-bound research tracts which are of the same general character as the papers published in the TRANSACTIONS. An issue of the MEMOIRS contains either a single monograph or a group of cognate papers. The MEMOIRS are printed by the photo-offset process. Information on preparation of camera copy and charges for publication may be obtained by writing to the Editorial Department of the American Mathematical Society.

Soviet Mathematics—Doklady

This bimonthly is a translation journal containing the entire pure mathematics section of the DOKLADY AKADEMI NAUK SSSR, the Reports of the Academy of Sciences of the USSR. The DOKLADY for a year contains about 500 articles, each about 4 pages long.

Notices of the American Mathematical Society

This journal announces the programs of the meetings of the Society. It 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, P.O. Box 6248, Providence, Rhode Island 02904. 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 in that issue. These deadlines are published regularly on the back of the title page.

New Publications

This quarterly journal announces new books and journals in all fields of higher mathematics, including a section on both forthcoming and recently published books. The information is acquired from several sources, such as pamphlets and catalogs received from publishers and book dealers from many parts of the world.

Mathematics of the USSR—Izvestija

This journal is a cover-to-cover translation of IZVESTIJA AKADEMII NAUK SSSR SERIJA MATEMATIČESKAJA published bimonthly by the Academy of Sciences of the USSR. It is a journal of current research in all fields of pure mathematics. The translation is published bimonthly starting with Volume 1, Number 1, January–February 1967, which corresponds to the Russian original Tom 31, Number 1.

Mathematics of the USSR—Sbornik

This journal is a cover-to-cover translation of MATEMATIČESKII SBORNIK (New Series), published monthly by the Moscow Mathematical Society and the Academy of Sciences of the USSR. It is a journal of current research in all fields of pure mathematics. The translation is published monthly starting with Volume 1, Number 1, January 1967, which corresponds to the Russian original Tom 72 (114), No. 1.

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