PROCEEDINGS

OF THE

AMERICAN MATHEMATICAL SOCIETY

VOLUME 16, NUMBER 2
APRIL, 1965

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, research problems and a department of research announcements.

One volume of six numbers is planned for 1965.

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 in 1961. The purpose of this department is to publish very short papers (maximum length, 1 printed page) of an unusually elegant and polished character, for which there is normally no other outlet. The definitive new proof of an important and long-known theorem, an illuminating new fact, or an interesting lemma used for proof of a theorem in a different field are examples of subjects suitable for publication in this department.

Articles for insertion in the PROCEEDINGS should be typewritten, double spaced. The maximum length of an acceptable paper is 8 printed pages. (A page of the PROCEEDINGS contains an average of 400 words; a typewritten page contains an average of 300 words. A rough rule of thumb, accordingly, is that under 10 typewritten pages is probably within the allowed limit, but over 11 typewritten pages is probably not.) The greatest possible care should be taken in preparing the manuscript and if necessary The Manual for Authors published by the Society should be consulted. The authors should keep a complete copy.

Papers in algebra and number theory should be sent to ALEX ROSENBERG, Department of Mathematics, Cornell University, Ithaca, New York or GEORGE WHAPLES, Department of Mathematics, Indiana University, Bloomington, Indiana; in probability, real variables, logic, and foundations to R. C. BUCK, Department of Mathematics, University of Wisconsin, Madison 6, Wisconsin; in abstract analysis to either R. C. BUCK or ALEX ROSENBERG; in geometry and topology to ELDON DYER, Department of Mathematics, Rice University, Houston 1, Texas; in other branches of analysis, applied mathematics, and all other fields to M. H. HEINS, Department of Mathematics, University of Illinois, Urbana, Illinois or FRITZ JOHN, Courant Institute of Mathematical Sciences, 4 Washington Place, New York 3, New York. All other communications to the editors should be addressed to the Managing Editor, Eldon Dyer. Inquiries from authors regarding reprints and changes of address for mailing galley proof should be sent to the Editorial Department, American Mathematical Society, 190 Hope Street, Providence, Rhode Island 02906.

One volume of six numbers is planned for 1965. The subscription price is $11.00. Vols. 1–15 (1950–1964) are available at the price of $14.00 each. Volume 1 was published in 1950.

Transactions of the American Mathematical Society

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

All inquiries for volumes 1–69 should be directed to Johnson Reprint Corporation, 111 Fifth Avenue, New York 3, New York. Orders for volumes 70–113 should be directed to the American Mathematical Society.

Journals Published by the

American Mathematical Society

Mathematical Reviews

This journal is devoted to abstracts and reviews of the current mathematical literature of the world. Two volumes will be published in 1965, Volume 29 and Volume 30. 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.

Soviet Mathematics—Doklady

This journal contains the entire pure mathematics section of the DOKLADY AKADEMII NAUK SSSR in translation. It appears six times a year, each bimonthly issue corresponding to one volume of the Soviet DOKLADY. (The DOKLADY AKADEMII NAUK SSSR is issued three times a month, six issues constituting a volume.)

Chinese Mathematics—Acta

This is a cover to cover translation into English of Acta Mathematica Sinica, published by Academia Sinica Peking, People's Republic of China. Acta Mathematica Sinica contains current research in all fields of pure mathematics.

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, 190 Hope Street, Providence, Rhode Island 02906. 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.

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. Published by the Society for the National Academy of Sciences-National Research Council.

CONTENTS