

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, with abstracts of all research papers presented. It contains some of the officially invited addresses presented before the Society. It contains also announcements and notes on matters of current interest, and reviews of advanced mathematical books.

The subscription price is \$7.00 per annual volume of six numbers.

Invited addresses offered for publication should be sent to G. B. PRICE, 215 Strong Hall, University of Kansas, Lawrence, Kan.; other articles to W. T. MARTIN, Room 2-255, Massachusetts Institute of Technology, Cambridge 39, Mass.; book reviews to R. P. BOAS, JR., Lunt Hall, Northwestern University, Evanston, Ill.; and items for Notes to the BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY, 80 Waterman St., Providence 6, R.I. All other communications to the editors should be addressed to the Managing Editor, G. B. PRICE, 215 Strong Hall, University of Kansas, Lawrence, Kan.

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.

The subscription price is \$11.00 per annual volume of six numbers.

Papers in algebra and theory of numbers should be sent to NATHAN JACOBSON Leet Oliver Memorial Hall, Yale University, New Haven 11, Conn.; in analysis to A. C. SCHAEFFER, University of Wisconsin, Madison 6, Wis.; in other fields to G. A. HEDLUND, Leet Oliver Memorial Hall, Yale University, New Haven 11, Conn. All other communications to the editors should be addressed to the Managing Editor, G. A. HEDLUND, Leet Oliver Memorial Hall, Yale University, New Haven 11, Conn.

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.

Normally two volumes of three numbers each are published annually. The subscription price is \$6.00 per (semi-annual) volume of three numbers.

Papers in algebra, number theory, logic and foundations should be sent to SAUNDERS MACLANE, University of Chicago, Chicago 37, Ill.; in probability, theory of measure, real variables to J. L. DOOB, Department of Mathematics, University of Illinois, Urbana, Ill.; other papers in analysis and applied mathematics to L. V. AHLFORS, Department of Mathematics, Harvard University, Cambridge 38, Mass.; in geometry and topology to G. T. WHYBURN, School of Mathematics, University of Virginia, Charlottesville, Va. All other communications to the editors should be addressed to the Managing Editor, G. T. WHYBURN, School of Mathematics, University of Virginia, Charlottesville, Va.

Memoirs of the American Mathematical Society

This series is devoted to the publication of research monographs in pure and applied mathematics. The memoirs are issued serially, but not periodically. Each issue consists of either a single monograph or a group of cognate papers and is priced separately according to size and cost of publication. The editorial standards for acceptance are the same as for the Transactions and manuscripts intended for publication should be submitted to the appropriate editor of the Transactions.

Mathematical Reviews

This journal contains abstracts and reviews of the current mathematical literature of the world. It is sponsored by thirteen mathematical organizations, located both in the United States and abroad.

MATHEMATICAL REVIEWS is published monthly, excepting July. The subscription price is \$20.00 per annual volume of eleven numbers.

OFFICIAL COMMUNICATIONS



MEETINGS OF THE SOCIETY

Abstracts for all meetings of the Society should be sent to the American Mathematical Society, 80 Waterman St., Providence 6, R.I.

SUMMER MEETING: EAST LANSING, MICHIGAN, September 2-5, 1952.

Abstracts must be received not later than July 21. The Colloquium Lectures on *Arithmetical classes and types of algebraic systems* will be delivered by Professor Alfred Tarski. By invitation of the Committee to Select Hour Speakers for Annual and Summer Meetings, there will be an address by Professor E. E. Moise entitled *The topology of 3-manifolds*.

NEW HAVEN, CONNECTICUT, October 25, 1952.

Abstracts must be received not later than September 11. By invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings, there will be an address by Professor Jean Leray entitled *On the elementary solutions of differential equations with constant coefficients*.

RALEIGH, NORTH CAROLINA, November 28-29, 1952.

Abstracts must be received not later than October 15. By invitation of the Committee to select Hour Speakers for Southeastern Sectional Meetings, there will be an address by Professor Wallace Givens entitled *Polarities and their signature in von Neumann's continuous geometry*, and an address by Dr. H. H. Goldstine.

LAFAYETTE, INDIANA, November 28-29, 1952.

Abstracts must be received not later than October 15. By invitation of the Committee to Select Hour Speakers for Western Sectional Meetings, there will be an address by Professor Nachman Aronszajn entitled *Approximation methods in eigenvalue problems*.

LOS ANGELES, CALIFORNIA, November 29, 1952.

Abstracts must be received not later than October 15. By invitation of the Committee to Select Hour Speakers for Far Western Sectional Meetings, there will be an address by Professor M. M. Loève entitled *Ergodic theorems in probability theory*.

ANNUAL MEETING: ST. LOUIS, MISSOURI, December 27-29, 1952.

Abstracts must be received not later than November 13. The annual Gibbs Lecture, entitled *Topology and geometrical analysis*, will be delivered by Professor Marston Morse. The Retiring Presidential Address entitled *Statistical methods in analysis* will be delivered by Professor John von Neumann. By invitation of the Committee to Select Hour Speakers for Annual and Summer Meetings, there will be an address by Professor A. M. Gleason entitled *Natural co-ordinate systems*.

E. G. BEGLE, *Secretary of the Society*