

OFFICIAL COMMUNICATIONS

Meetings of the Society have been fixed at the following times and places:

CINCINNATI, OHIO, December 1-2, 1933.

Abstracts must be in the hands of Associate Secretary M. H. Ingraham, University of Wisconsin, Madison, Wis., not later than November 11. Abstracts received by the Secretaries by November 4 will appear in the November issue of the BULLETIN. A joint meeting regarding spinor analysis will be held with the Physical Society; Professor Oswald Veblen will speak on *Spinor analysis*, and Professor Otto Laporte on *Spinors and their significance in modern physics*. Professor R. D. Carmichael will deliver an address entitled *Functions of exponential type*.

PASADENA, CALIFORNIA, December 2, 1933.

Abstracts must be in the hands of Associate Secretary T. M. Putnam, University of California, Berkeley, Calif., not later than November 11. Abstracts received by the Secretaries by November 4 will appear in the November issue of the BULLETIN.

CAMBRIDGE, MASSACHUSETTS, ANNUAL MEETING, December 27-29, 1933.

This meeting is to be held in conjunction with the A.A.A.S. and the M.A.A. There will be a symposium on *General Analysis*; the principal address will be by Professor T. H. Hildebrandt, and Professors R. W. Barnard and M. H. Stone will also present papers, by invitation. The Bôcher Prize will be awarded. Abstracts must be in the hands of the Secretary of the Society, 501 West 116th St., New York City, not later than November 29, 1933. Abstracts received by the Secretaries by November 4 will be published in the November issue of the BULLETIN.

R. G. D. RICHARDSON, *Secretary of the Society*.

Articles for insertion in the BULLETIN should be addressed to E. R. HEDRICK, Editor of the BULLETIN, University of California at Los Angeles. Reviews should be sent to W. R. LONGLEY, Yale University, New Haven, Conn. Notes should be sent to H. W. KUHN, Ohio State University, Columbus, Ohio.

Subscriptions to the BULLETIN, orders for back numbers, and inquiries in regard to non-delivery of current numbers should be addressed to the American Mathematical Society, 450-459 Ahnaip St., Menasha, Wis., or 501 West 116th St., New York.

The initiation fees and the annual dues of members of the Society (see this BULLETIN, p. 322, May, 1930; and the List of Officers and Members, September, 1932, p. 66), are payable to the Treasurer of the Society, Professor G. W. Mullins, 501 West 116th St., New York City.

WHOLE NUMBER 410

CONTENTS

	PAGE
The October Meeting in New York. By J. R. KLINE.	825
Eliakim Hastings Moore. By G. A. BLISS.	831
Rutherford on Modular Invariants. By O. C. HAZLETT.	839
Shewhart on Economic Control. By C. F. ROOS.	843
Lewis Carroll. By R. C. ARCHIBALD.	846
Picard on Curves and Surfaces. By F. A. FORAKER.	848
Fowler on Statistical Mechanics. By M. H. STONE.	850
Shorter Notices.	854
Notes.	857
Abstracts of Papers.	861
New Publications.	883



For official Communications and Notices, see the inside of the back cover.