

## OFFICIAL COMMUNICATIONS

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

MINNEAPOLIS, MINNESOTA, SUMMER MEETING AND COLLOQUIUM, September 8-11, 1931.

NEW YORK CITY, October 31, 1931.

Abstracts must be in the hands of Associate Secretary Tomlinson Fort, 501 West 116th Street, New York City, not later than October 10. In order to be printed in the Bulletin in advance of the meeting, abstracts must be in the hands of the Associate Secretary not later than September 7. By invitation of the program committee, Professor D. V. Widder will deliver an address on *Some recent developments in the theory of algebras*. Professor E. Landau will speak on *Schirelmann's Theorem*.

COLUMBUS, OHIO, November 27-28, 1931.

Abstracts must be in the hands of Associate Secretary Mark H. Ingraham, University of Wisconsin, Madison, Wisconsin, not later than November 5. All abstracts received by that date will appear in the November issue of this Bulletin.

CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, November 28, 1931.

Abstracts must be in the hands of Associate Secretary T. M. Putnam, University of California, Berkeley, California, not later than October 31. All abstracts received by that date will appear in the November issue of this Bulletin.

NEW ORLEANS, LOUISIANA, ANNUAL MEETING, December 28-31, 1931.

Abstracts are due by November 28, 1931.

The usual February Meeting in New York City will be omitted.

NEW YORK CITY, March 25-26, 1932.

Abstracts are due by March 5, 1932.

STANFORD UNIVERSITY, CALIFORNIA, April 9, 1932.

Abstracts are due by March 12, 1932.

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

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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, October, 1930, p. 58), are payable to the Treasurer of the