

## OFFICIAL COMMUNICATIONS

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

**PROVIDENCE, RHODE ISLAND, SUMMER MEETING AND COLLOQUIUM, September 9-12, 1930.**

Abstracts must be in the hands of the Secretary of the Society, Professor R. G. D. Richardson, 501 West 116th Street, New York City, not later than August 11. In order to be printed in the Bulletin in advance of the meeting, abstracts must be in the hands of the Secretary not later than July 7. Professor Solomon Lefschetz will deliver a series of colloquium lectures on Topology. Professors T. H. Hildebrandt and J. D. Tamarkin will deliver addresses on topics in the general theory of linear operations and integral equations.

**NEW YORK CITY, October 25, 1930.**

Abstracts must be in the hands of the Secretary of the Society, Professor R. G. D. Richardson, 501 West 116th Street, New York City, not later than October 4. In order to be printed in the Bulletin in advance of the meeting, abstracts must be in the hands of the Secretary not later than September 7. By invitation of the program committee, Professor M. H. Stone will deliver an address on group representation in Hilbert space.

**COLUMBIA, MISSOURI, November 28-29, 1930.**

Abstracts must be in the hands of Associate Secretary M. H. Ingraham, North Hall, Madison, Wisconsin, not later than November 6. All abstracts received by that date will appear in the Bulletin in advance of the meeting. On Saturday morning, Professor C. N. Moore will deliver an address by invitation of the program committee, on types of series and types of summability; and Professor R. E. Langer will deliver an address on the zeros of exponential sums and of certain related functions.

**UNIVERSITY OF CALIFORNIA AT LOS ANGELES, November 29, 1930.**

Abstracts must be in the hands of Associate Secretary T. M. Putnam, Berkeley, California, not later than November 1. All abstracts received by that date will appear in the Bulletin in advance of the meeting.

**CLEVELAND, OHIO, ANNUAL MEETING, December 29, 1930 to January 1, 1931.**

Abstracts must be in the hands of Associate Secretary M. H. Ingraham, North Hall, Madison, Wisconsin, not later than December 1. 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 November 7.

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, 450-458 Ahnaip St., Menasha, Wis., or 501 West 116th Street, New York.

The initiation fees (\$5.00) and the annual dues (\$6.00) of members of the Society are payable to the Treasurer of the Society, G. W. MULLINS, 501 West 116th Street, New York.

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