

## OFFICIAL COMMUNICATIONS

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

### LINCOLN, NEBRASKA, November 30-December 1, 1934.

Abstracts must be in the hands of Associate Secretary M. H. Ingraham, University of Wisconsin, Madison, Wisconsin, not later than November 3. All these will appear in the November issue of this Bulletin. By invitation of the Program Committee, addresses will be delivered by Professor G. A. Bliss on *The problem of Bolza in the calculus of variations*, and by Professor A. J. Kempner on *Complex roots of algebraic equations*.

### UNIVERSITY OF CALIFORNIA AT LOS ANGELES, December 1, 1934.

Abstracts must be in the hands of Associate Secretary T. M. Putnam, University of California, Berkeley, California, not later than November 3. All these will appear in the November issue of this Bulletin.

### PITTSBURGH, PENNSYLVANIA, Annual Meeting, December 27-31, 1934.

This meeting is to be held in conjunction with Section A of the A.A.A.S. and the M.A.A. Professor A. B. Coble will deliver his retiring presidential address. There will be a joint session with the American Physical Society, at which time there will be a symposium on mathematical physics with special reference to quantum mechanics. Professor Albert Einstein will deliver the eleventh Josiah Willard Gibbs Lecture. At a joint session with Section A of the A.A.A.S. and the Mathematical Association, addresses will be delivered by Professor C. N. Moore, as retiring Chairman of Section A, on *Mathematics and Science*, and by Professor Arnold Dresden as retiring President of the Mathematical Association. Abstracts must be in the hands of Associate Secretary J. R. Kline, 501 West 116th St., New York City, not later than November 22, 1934. Abstracts received by the Secretaries by November 9 will appear in the November issue of this Bulletin.

### NEW YORK CITY, February 23, 1935.

Abstracts will be due on or before January 26, 1935.

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, September, 1934, pp. 66-67), are payable to the Treasurer of the Society, Professor G. W. Mullins, 501 West 116th St., New York City.