OFFICIAL COMMUNICATIONS

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

NEW YORK CITY, October 27, 1934.

Abstracts must be in the hands of Associate Secretary J. R. Kline, 501 West 116th St., New York City, not later than September 29. Abstracts received by the Secretaries by September 7 will appear in the September issue of this Bulletin. By invitation of the Program Committee, Professor Emmy Noether, visiting lecturer at Bryn Mawr College, will deliver an address entitled *Modern hypercomplex series.*

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 Problems of Bolza in the calculus of variations,* on *Complex roots of Algebraic equations* and by Professor A. J. Kempner.

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. The Cole Prize in Algebra will be awarded. 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.

NEW YORK CITY, April 19-20, 1935.

Abstracts will be due on or before March 23, 1935.

CHICAGO, ILLINOIS, April 19-20, 1935.

Abstracts will be due on or before March 23, 1935.

STANFORD UNIVERSITY, April 6, 1935.

Abstracts will be due on or before March 9, 1935.

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

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