# OFFICIAL COMMUNICATIONS

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

NEW YORK CITY, February 28, 1931.

Abstracts must be in the hands of the Secretary of the Society, Professor R. G. D. Richardson, 501 West 116th St., New York City, not later than February 7. In order to be printed in the Bulletin in advance of the meeting, astracts must be in the hands of the Secretary not later than January 6. By invitation of the program committee, Professor C. R. Adams will deliver an address entitled *Linear q-difference equations.*

NEW YORK CITY, April 3-4, 1931.

Abstracts must be in the hands of the Secretary of the Society, Professor R. G. D. Richardson, 501 West 116th St., New York City, not later than March 13. In order to be printed in the Bulletin in advance of the meeting, the abstracts must be in the hands of the Secretary not later than March 6. There will be a symposium on the theory of groups in which Professors H. F. Blichfeldt, L. P. Eisenhart, W. A. Manning, J. A. Schouten, and others will participate.

CHICAGO, April 3-4, 1931.

Abstracts must be in the hands of the Associate Secretary, Mark H. Ingraham, University of Wisconsin, Madison, Wisconsin, not later than March 12. In order to be printed in the Bulletin in advance of the meeting, the abstracts must be in the hands of the Associate Secretary not later than March 6. By invitation of the program committee, Professor G. Y. Rainich will deliver an address entitled *Some recent applications of mathematics to physics.*

THE UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA, April 11, 1931.

Abstracts must be in the hands of the Associate Secretary, T. M. Putnam, University of California, Berkeley, California, not later than March 21. In order to be printed in the Bulletin in advance of the meeting, the abstracts must be in the hands of the Associate Secretary not later than March 6.

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

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