

## OFFICIAL COMMUNICATIONS

### MEETINGS OF THE SOCIETY

NEW YORK CITY, October 29, 1938.

Abstracts must be in the hands of Associate Secretary T. R. Hollcroft, 531 West 116th St., New York, N. Y., not later than October 1. By invitation of the Program Committee, Professor G. A. Hedlund will deliver an address the title of which has been changed to *The dynamics of geodesic flows*.

CLEVELAND, OHIO, November 25–26, 1938.

Abstracts must be in the hands of Associate Secretary W. L. Ayres, University of Michigan, Ann Arbor, Mich., not later than October 28; they will appear in the November issue of this Bulletin. By invitation of the Program Committee, Professor C. C. MacDuffee will give an address entitled *Modules in algebraic fields* and Professor V. G. Grove will give an address entitled *A tensor analysis for a  $V_k$  in a projective space  $S_n$* .

LOS ANGELES, CALIFORNIA, November 26, 1938.

Abstracts must be in the hands of Associate Secretary T. M. Putnam, University of California, Berkeley, Calif., not later than October 29; they will appear in the November issue of the Bulletin.

ANNUAL MEETING: RICHMOND, VIRGINIA, December 27–28; WILLIAMSBURG, VIRGINIA, December 28–30, 1938.

Abstracts must be in the hands of Associate Secretary T. R. Hollcroft, 531 West 116th St., New York, N. Y., not later than November 22, 1938. Abstracts received not later than November 1 will appear in the November issue of the Bulletin. At this meeting, the following addresses will be given:

At Richmond: *Intuition, reason and faith in science* by Dean G. D. Birkhoff, retiring President of the American Association for the Advancement of Science; *Seismology from the mathematical viewpoint* by Professor W. D. Cairns, retiring Chairman of Section A and Vice President of the A.A.A.S., at a joint session of Section A, Section E, the Society, and the Mathematical Association; *Fourier expansions of modular functions and theorems on partitions* by Professor H. A. Rademacher, by invitation of the Program Committee, at a joint session of Section A, the Society, and the Mathematical Association.

At Williamsburg: *On certain abstract spaces* by Professor R. L. Moore, retiring President of the Society.

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

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Articles for insertion in the BULLETIN should be typewritten, double spaced, and the author should keep a complete copy. Papers in analysis or in algebra should be sent to L. M. GRAVES, University of Chicago, Chicago, Ill.; in other fields to P. A. SMITH, Barnard College, Columbia University, New York, N. Y. Reviews should be sent to TOMLINSON FORT, Lehigh University, Bethlehem, Pa., and items for Notes to H. W. KUHN, Ohio State University, Columbus, Ohio. All other communications to the editors should be addressed to the Managing Editor, D. R. CURTISS, Northwestern University, Evanston, Ill.

The initial 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, 1936, p. 67) are payable to the Treasurer of the Society, Professor B. P. Gill, Low Memorial Library, 531 West 116th St., New York, N. Y.

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