#### OFFICIAL COMMUNICATIONS

#### MEETINGS OF THE SOCIETY

#### NEW YORK CITY, February 26, 1938.

Abstracts must be in the hands of Associate Secretary T. R. Hollcroft, 531 West 116th St., New York, N. Y., not later than January 28. Abstracts received on or before December 31, 1937, will appear in the January issue of this Bulletin. By invitation of the Program Committee, Professor P. A. Smith will give an address entitled The topology of groups of transformations.

#### CHICAGO, ILLINOIS, April 8-9, 1938.

Abstracts must be in the hands of Associate Secretary W. L. Ayres, University of Michigan, Ann Arbor, Michigan, not later than March 11. Abstracts received by the Secretaries not later than March 1 will appear in the March issue of this Bulletin, By invitation of the Program Committee, Professor C. G. Latimer will deliver an address entitled *The arithmetics of generalized quaternions*.

### BERKELEY, CALIFORNIA, April 9, 1938.

Abstracts must be in the hands of Associate Secretary T. M. Putnam, California Hall, Berkeley, California, not later than March 12. Abstracts received not later than March 1 will appear in the March issue of this Bulletin.

## CHARLOTTESVILLE, VIRGINIA, April 15-16, 1938.

Abstracts must be in the hands of Associate Secretary T. R. Hollcroft, 531 West 116th Street, New York, N. Y., not later than March 18. Abstracts received not later than March 1 will appear in the March issue of this Bulletin. One session will be devoted to a symposium on Lattice theory, at which, by invitation of the Program Committee, three half-hour addresses will be given: The known applications of lattices, Mr. Garrett Birkhoff; Structures and algebraic applications, Professor Oystein Ore; Representations of Boolean algebras, Professor M. H. Stone.

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

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, Bethlehen, 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.

# **CONTENTS**

Vol. 44, No. 2	FEBRUARY, 1938	Whole No.	461
	lynomials orthogonal simu		Page
several circles. By	G. M. MERRIMAN	• • • • • • • • • • • • • • • • • • • •	57
The resolvent of a clo	sed transformation. By A.	E. TAYLOR	70
<del>-</del>	unctions of bounded variat	•	75
A note on linear topol	logical spaces. By D. H. Hy	YERS	76
Note on deduced prol	bability distributions. By R	R. von Mises	81
	äfli's modular equation to а Н. Lенмек		84
	nals on complex linear spac A. Sobczyk	•	91
On continued fraction	s representing constants. By	y H. S. WALL	94
	or solutions of differential By Everett Pitcher and V		100
	conditions of implicit different conditions of implications of impl		107
	theory of alternating tensor	-	110
Note on convex region	s on the sphere. By R. M. I	Robinson	115
	in matrices whose element M. H. Ingraham		117
	etermination of two dimens ory of heat conduction, By		125
	e general economic equilibri	•	134
Note on almost-univer	rsal forms. By P. R. HALMO	os	141
Metric spaces with geo	odesic Ricci curves. I. By Ja	ck Levine	145
For Official Commu	nications and Notes, see the insid	e of back cover.	