

OFFICIAL COMMUNICATIONS

MEETINGS OF THE SOCIETY

ANNUAL MEETING: BATON ROUGE, LOUISIANA, December 30, 1940–
January 1, 1941.

Abstracts must have been the hands of Associate Secretary W. L. Ayres, University of Michigan, Ann Arbor, Mich., not later than November 25. Professor G. C. Evans will deliver his retiring presidential address on the topic *Surfaces of minimum capacity*. By invitation of the Program Committee, Professor Saunders MacLane will deliver an address entitled *Extensions of groups* and Dr. Leo Zippin an address entitled *Topology of rigid motions*.

By agreement with the Society, members may also read papers before Section A of the American Association for the Advancement of Science at the meeting at Philadelphia, Pa., on December 27–28; such papers will be listed on the program of the Annual Meeting of the Society, and will be recognized as read by title before the Society. At this meeting Professor Marston Morse will deliver his retiring address as Chairman of Section A on the topic *A mathematical theory of equilibrium with applications to minimal surfaces*. Abstracts of papers whose authors desire to read them at Philadelphia must have been received by November 25, 1940, with a clear statement of intention to read them there, either by Associate Secretary Ayres or by E. R. Hedrick, Secretary of Section A.

NEW YORK CITY, February 22, 1941.

Abstracts must be in the hands of Associate Secretary T. R. Hollcroft, 531 West 116th St., New York, N. Y., not later than January 25, 1941. Abstracts received by December 1, 1940 will appear in the January issue of this BULLETIN. The meeting will open Friday afternoon with a symposium on applied mathematics. By invitation of the Program Committee, the following addresses will be given: Friday afternoon, *Mathematical statistics in mass production* by Dr. W. A. Shewhart, and *Mathematical problems connected with the bending and buckling of elastic plates* by Professor J. J. Stoker; Saturday afternoon, *Partially ordered linear spaces* by Professor H. F. Bohnenblust.

STANFORD UNIVERSITY, CALIFORNIA, April 5, 1941.

CHICAGO, ILLINOIS, April 11–12, 1941.

WASHINGTON, D. C., May 2–3, 1941.

CHICAGO, ILLINOIS, September 2–6, 1941.

NEW YORK CITY, October 25, 1941.

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 algebra and theory of numbers should be sent to A. A. ALBERT, University of Chicago, Chicago, Ill.; in analysis 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 VIRGIL SNYDER, 214 University Ave., Ithaca, N. Y., 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, TOMLINSON FORT, Lehigh University, Bethlehem, Pa.

The initial fees and the annual dues of members of the Society (see this BULLETIN, May, 1930, p. 322; and the List of Officers and Members, September, 1940, pp. 79–80) are payable to the Treasurer of the Society, B. P. GILL, Low Memorial Library, 531 West 116th St., New York, N. Y.

CONTENTS

Vol. 46, No. 12 DECEMBER, 1940 Whole No. 495

PART 1

	Page
Arithmetics of rational generalized quaternion algebras. By D. M. BROWN.....	899
A note on maximum modulus and the zeros of an integral func- tion. By S. M. SHAH.....	909
Separabilities of arbitrary orders and related properties. By R. G. LUBBEN.....	913
Cesàro summability of ordinary double Dirichlet series. By J. G. HERRIOT.....	920
A characterization of euclidean spaces. By R. S. PHILLIPS....	930
Metric separability and outer integrals. By J. F. RANDOLPH..	934
A property of a simply ordered set. By K. W. FOLLEY.....	940
Uniqueness theorems for rational functions. By FRITZ HERZOG	942
Continua of finite degree and certain product sets. By O. G. HARROLD, JR.....	951
Note on some elementary properties of polynomials. By P. ERDÖS.....	954
On unconditional convergence in normed vector spaces. By T. H. HILDEBRANDT.....	959
A note on the limit of orbits. By G. E. SCHWEIGERT.....	963
Correction to "Closure of products of functions." By D. G. BOURGIN.....	970