

OFFICIAL COMMUNICATIONS

MEETINGS OF THE SOCIETY

NEW YORK CITY, February 24, 1945.

Abstracts must have been in the hands of Associate Secretary T. R. Hollcroft, American Mathematical Society, 531 West 116th St., New York 27, N. Y., not later than January 20.

This meeting was cancelled because of regulations issued by the Office of Defense Transportation

NEW YORK CITY, April 27–28, 1945.*

Abstracts must be in the hands of Associate Secretary T. R. Hollcroft, American Mathematical Society, 531 West 116th St., New York 27, N. Y., not later than March 23. Abstracts received by February 1 will appear in the March issue of this BULLETIN. By invitation of the Program Committee there will be an address by Professor A. P. Morse entitled *Derivatives and their integrals* and an address by Professor Witold Hurewicz entitled *Some aspects of ergodic theory*.

CHICAGO, ILLINOIS, April 27–28, 1945.*

Abstracts must be in the hands of Associate Secretary R. H. Bruck, North Hall University of Wisconsin, Madison 6, Wis., not later than March 23. Abstracts received by February 1 will appear in the March issue of this BULLETIN. By invitation of the Program Committee there will be an address by Professor S. M. Ulam entitled *On the stability of solutions of functional equations*.

STANFORD UNIVERSITY, CALIFORNIA, April 28, 1945.

Abstracts must be in the hands of Associate Secretary A. C. Schaeffer, Stanford University, Stanford University, Calif., not later than March 24. Abstracts received by February 1 will appear in the March issue of this BULLETIN. By invitation of the Program Committee Professors Jerzy Neyman and George Polya will speak at a symposium on *Contagious probability distributions*.

This meeting is not subject to the regulations of the Office of Defense Transportation since attendance at far western meetings in recent years has been less than fifty.

SUMMER MEETING: MONTREAL, QUEBEC, CANADA, June 24–25, 1945.

NEW YORK CITY, October 27, 1945.

J. R. KLINE, *Secretary of the Society*

* Meeting to be held if permission is granted by the War Committee on Conventions of the Office of Defense Transportation.

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 SAUNDERS MACLANE, 474 Widener, Harvard University, Cambridge 38, Mass.; in analysis to R. E. LANGER, North Hall, University of Wisconsin, Madison 6, Wis.; in other fields to P. A. SMITH, Columbia University, New York 27, N. Y. Reviews should be sent to E. R. LORCH, Milbank Hall, Columbia University, New York 27, N. Y., and items for Notes to BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY, 531 West 116th St., New York 27, N. Y. All communications relating to the odd-numbered issues of the BULLETIN should be sent to E. B. STOFFER, University of Kansas, Lawrence, Kan., and all other communications to the editors should be addressed to the Managing Editor, P. A. SMITH, Columbia University, New York 27, N. Y.

The initial fees and annual dues of members of the Society (see this BULLETIN, May, 1930, p. 322; and November, 1944, Part 2, p. 93) are payable to the Treasurer of the Society, B. P. GILL, 531 West 116th St., New York 27, N. Y.

CONTENTS

Vol. 51, No. 2 FEBRUARY, 1945 Whole No. 545

	Page
Evaluation of various Wiener integrals by use of certain Sturm-Liouville differential equations. By R. H. CAMERON and W. T. MARTIN.....	73
A genesis for Cesàro methods. By R. P. AGNEW.....	90
A differential inequality. By R. P. BOAS.....	95
Note on the expansion of a power series into a continued fraction. By H. S. WALL.....	97
A combinatorial formula with some applications. By L. C. S. HSU.....	106
Transformations in metric spaces and ordinary differential equations. By J. V. WEHAUSEN.....	113
Distributive properties of set operators. By WILLIAM WERNICK.	120
Some remarks on almost periodic transformations. By P. ERDÖS and A. H. STONE.....	126
On the least primitive root of a prime p . By P. ERDÖS.....	131
On a special class of abelian functions. By O. F. G. SCHILLING.	133
Congruences connected with the solution of a certain diophantine equation. By H. F. S. JONAH.....	137
Development of certain quadratic functional equations. By H. F. S. JONAH.....	147
Arithmetic upon an algebraic surface. By B. SEGRE.....	152
The pseudo-angle in space of $2n$ dimensions. By JOHN DECICCO.	162
Bi-isothermal systems. By EDWARD KASNER and JOHN DECICCO.....	169
Projective description of some plane sextic curves derived from conics as base curves. By SR. INGONDA VON MEZYSKI....	175