

OFFICIAL COMMUNICATIONS

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

NEW ORLEANS, ANNUAL MEETING, December 28-31, 1931.

Abstracts must be in the hands of Associate Secretary Tomlinson Fort, 501 West 116th St., New York City, not later than November 28, 1931. Abstracts received by November 5 will appear in the November issue of the Bulletin. Professor E. R. Hedrick will deliver his retiring presidential address on the topic *Non-analytic functions of a complex variable*. At sessions to be held jointly with the American Physical Society, Professor P. W. Bridgman will deliver the ninth Josiah Willard Gibbs Lecture on the topic *Statistical mechanics and the second law of thermodynamics*, Professor G. A. Bliss will deliver his retiring presidential address for Section A of the A.A.A.S. on the topic *The calculus of variations of the quantum theory*, and addresses will be delivered by invitation of the program committee by Professor G. D. Birkhoff on *Stability and instability of physical systems*, and by Professor W. F. G. Swann on *The significance of the fundamental concepts of modern atomic theories*. The Cole Prize in the Theory of Numbers will be awarded.

The usual February Meeting in New York City will be omitted.

NEW YORK CITY, March 25-26, 1932.

Abstracts must be in the hands of Associate Secretary Tomlinson Fort, 501 West 116th St., New York City, not later than March 5. All such abstracts will appear in the March issue of the Bulletin. By invitation of the program committee, there will be a symposium on *Summability of series*, at which Professor Einar Hille will speak on *Summation of Fourier series*, Professor W. A. Hurwitz will speak on *General theorems on linear transformation of sequences*, and others will participate.

CHICAGO, April 8-9, 1932.

Abstracts must be in the hands of Associate Secretary Mark H. Ingraham, University of Wisconsin, Madison, Wisconsin, not later than March 18. All those received on or before March 6 will appear in the March issue of the Bulletin. By invitation of the program committee, Professor R. L. Wilder will deliver an address entitled *Point sets in three and higher dimensions and their investigation by means of unified analysis situs*.

LOS ANGELES, CALIFORNIA, SUMMER MEETING AND COLLOQUIUM, August 30-September 2, 1932.

Abstracts are due by July 26, 1932.

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

Articles for insertion in the BULLETIN should be addressed to E. R. HEDRICK, Editor of the BULLETIN, University of California at Los Angeles. Reviews should be sent to W. R. LONGLEY, Yale University, New Haven, Conn. Notes should be sent to H. W. KUHN, Ohio State University, Columbus, Ohio.

Subscriptions to the BULLETIN, orders for back numbers, and inquiries in regard to non-delivery of current numbers should be addressed to the American Mathematical Society, 450-459 Ahnaip St., Menasha, Wis., or 501 West 116th St., New York.

The initiation fees and the annual dues of members of the Society (see this BULLETIN, p. 322, May, 1930; and the List of Officers and Members, October, 1930, p. 58), are payable to the Treasurer of the Society, Professor G. W. Mullins, 501 West 116th St., New York City.

WHOLE NUMBER 387

CONTENTS

	PAGE
Ideals in Linear Algebras. By C. C. MACDUFFEE.....	841
A Note on Primitive Idempotent Elements of a Total Matric Algebra. By F. S. NOWLAN.....	854
Representation of a Group as a Transitive Permutation Group. By G. A. MILLER.....	857
A Note on Transfinite Ordinals. By BEN DUSHNIK.....	860
On the Application of a Theta Formula to Representa- tion in Binary Quadratic Forms. By GORDON PALL...	863
Quadratic Partitions—I. By E. T. BELL.....	870
On Symmetric Products of Topological Spaces. By KAROL BORSUK and STANISLAW ULAM.....	875
On the Application of Markoff's Theorem to Problems of Approximation in the Complex Domain. By DUNHAM JACKSON.....	883
Note on Volterra and Fredholm Products of Symmetric Kernels. By L. M. BLUMENTHAL.....	891
Fortieth Annual List of Papers.....	901
Index to Volume XXXVII.....	921
Errata.....	936

For official Communications and Notices, see the inside of the back cover.