## OFFICIAL COMMUNICATIONS

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

St. Louis, Missouri, November 26, 1927. The Southwestern Section.)

Abstracts must be in the hands of the Secretary of the Section, Professor E. B. Stouffer, Lawrence, Kansas, not later than November 5. At the request of the Program Committee, Professor E. B. Stouffer will give an address entitled Some canonical forms and associated expansions in projective differential geometry.

NASHVILLE, TENNESSEE, ANNUAL MEETING, December 27-28, 1927.

Abstracts must be in the hands of the Secretary of the Society, Professor R. G. D. Richardson, 501 West 116th St., New York City, not later than November 29. At the usual joint meeting with other organizations, Professor James Pierpont will represent this Society, and will give an address on *Mathematical rigor*, past and present. The fifth Josiah Willard Gibbs lecture, under the auspices of this Society and the American Association for the Advancement of Science, will be delivered by Professor E. W. Brown by Professor E. W. Brown.

NEW YORK CITY, February 25, 1928.

Abstracts must be in the hands of the Secretary of the Society, Professor R. G. D. Richardson, 501 West 116th St., New York City, not later than February 4.

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

Articles for insertion in the BULLETIN should be addressed to E. R. 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 Menacha, Wis, or For West

to The American Mathematical Society, Menasha, Wis., or 501 West 116th Street, New York.

Advertising space is available in the BULLETIN at \$16 per page, \$9 per

half page, \$5 per quarter page, per issue. Address correspondence regarding advertising to H. L. Rietz, University of Iowa, Iowa City, Iowa.

Changes of address of members should be communicated at once to the Secretary of the Society, R. G. D. RICHARDSON, 501 West 116th Street, New York.

The initiation fees (\$5.00) and the annual dues (\$6.00) of members of the Society are payable to the Treasurer of the Society, W. B. FITE, 501 West 116th Street, New York.

## WHOLE NUMBER 351 CONTENTS

	PAGE
The Thirty-Third Summer Meeting of the Society. By R. G. D.	
RICHARDSON	641
The Second Madison Colloquium. By T. H. HILDEBRANDT	663
An Analysis of some General Propositions. By C. H. Langford On the Polynomial Convergents of Power Series. By W. M.	666
Whyburn	673
The Binomial Quartic as a Normal Form. By RAYMOND GARVER The Probability Law for the Intensity of a Trial Period, with Data	677
subject to the Gaussian Law. By E. L. Dodd	681 685
Note on the Fourier Development of Continuous Functions. By	
A. H. COPELAND	689
Zeros of a Function and of its Derivative. By W. J. TRJITZINSKY	693
Linear Inequalities in General Analysis. By L. L. DINES Substitutions which transform a Regular Group into its Conjoint.	695
By G. A. MILLER  The Functional Equation defining Diophantine Automorphisms. By	701
Louis Weisner	707
All Positive Integers are Sums of Values of a Quadratic Function of x.  By L. E. Dickson	713
The Summability of Fourier Series. By M. H. STONE	721
On the Separation of the Plane by Irreducible Continua. By W. A.	733
WILSONOn the Mapping of the Sextuples of the Symmetric Substitution	133
Group $G_6$ in a Plane upon a Quartic. By Arnold Emch	745
Congruences of Lines of Special Orientation relative to a Surface of	
Reference. By M. C. FOSTER	750
and W. J. KIRKHAM	760
Frank Nelson Cole. By T. S. FISKE	773
Hausdorff's Revised Mengenlehre. By H. M. GEHMAN	778
General Mathematics in Euorpe. By W. R. Longley	781
Reymond on Science in Antiquity. By D. E. SMITH	783
Revision of Pasch's Geometry. By T. R. HOLLCROFT	785
Four Books on Vector Analysis. By F. D. MURNAGHAN	787
Shorter Notices	789
Notes	795 800
New Publications	805
Inity-Sixth Annual List of Published Papers	820
Errata	832
Liiata	052

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