

## OFFICIAL COMMUNICATIONS

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

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 Street, New York City, not later than February 4.

CHICAGO, April 6-7, 1928.

Abstracts must be in the hands of Professor M. H. Ingraham, Associate Secretary of the Society, University of Wisconsin, Madison, Wis., not later than March 16. At the request of the Program Committee, Professors E. P. Lane and E. B. Stouffer will read papers at a symposium entitled *Recent developments in projective differential geometry*.

NEW YORK CITY, April 6-7, 1928.

Abstracts must be in the hands of the Secretary of the Society, Professor R. G. D. Richardson, 501 West 116th Street, New York City, not later than March 16.

STANFORD UNIVERSITY, California, April 7, 1928. (The San Francisco Section.)

Abstracts must be in the hands of the Secretary of the Section, Professor B. A. Bernstein, Berkeley, California, not later than March 17.

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, 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 352

CONTENTS

	PAGE
The October Meeting in New York. By R. G. D. RICHARDSON .....	1
The Fifty-Third Regular Meeting of the San Francisco Section. By B. A. BERNSTEIN .....	15
The Twentieth Regular Meeting of the Southwestern Section. By E. B. STOFFER .....	18
The Visiting Lectureship of the American Mathematical Society .....	22
Mathematical Rigor, Past and Present. By JAMES PIERPONT .....	23
A Further Note on the Converse of Fermat's Theorem. By D. H. LEHMER .....	54
On the Approximate Representation of Analytic Functions. By DUNHAM JACKSON .....	56
Generalizations of the Theorem of Fermat and Cauchy on Polygonal Numbers. By L. E. DICKSON .....	63
A Rational Normal Form for Certain Quartics. By RAYMOND GARVER .....	73
On the Law of the Excluded Middle. By ALONZO CHURCH .....	75
Note on Interchange of Order of Limits. By T. H. HILDEBRANDT .....	79
On Bounded Regular Frontiers in the Plane. By W. A. WILSON .....	81
On the Behavior of Integral Functions in Distant Portions of the Plane. By W. B. FORD .....	91
A Correction. By W. L. AYRES .....	107
Severi on Algebraic Geometry. By J. L. COOLIDGE ..	109
Shorter Notices .....	115
Notes .....	121
New Publications .....	125

---

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