

OFFICIAL COMMUNICATIONS

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

REED COLLEGE, Portland, Oregon, June 2, 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 May 12.

AMHERST COLLEGE, SUMMER MEETING AND COLLOQUIUM, September 4-7, 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 August 3. A series of colloquium lectures will be delivered by Professor A. B. Coble on *The determination of the tritangent planes of the space sextic of genus four*.

NEW YORK CITY, October 27, 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 October 6.

BERKELEY, California, October 27, 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 October 6. Professor E. T. Bell will give an address on *The theory of algebraic numbers in the light of Knonecker's program*.

LAWRENCE, KANSAS, December 1, 1928. (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 10.

NEW YORK CITY, ANNUAL MEETING, December 27-28, 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 November 29.

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 354

CONTENTS

	PAGE
The February Meeting in New York. By ARNOLD DRESDEN.....	257
Resonance in the Solar System. By E. W. BROWN....	265
Some Canonical Forms and Associated Canonical Expressions in Projective Differential Geometry. By E. B. STOUFFER.....	290
On the Separation of the Plane by a Continuum. By R. L. MOORE.....	303
A Characteristic Property of a Co-Set. By G. A. MILLER.....	307
A New Normal Form for Quartic Equations. By RAYMOND GARVER.....	310
Existence Theorems for Implicit Functions of Real Variables. By H. J. ETTLINGER.....	315
The Convergence of Double Fourier Series of a Certain Type. By G. M. MERRIMAN.....	319
Ternary Characteristics of Primes. By E. T. BELL.....	323
On the Existence of Linear Algebras in Boolean Algebras. By ORRIN FRINK, JR.....	329
The Derivation of Algebraic Invariants by Tensor Algebra. By C. M. CRAMLET.....	334
Transverse Seismic Waves on the Surface of a Semi-Infinite Solid Composed of Heterogeneous Material. By H. BATEMAN.....	343
On Continuous Curves in n Dimensions. By G. T. WHYBURN and W. L. AYRES.....	349
The Polar Curves of Plane Algebraic Curves in the Galois Fields. By A. D. CAMPBELL.....	361
The Characteristic Equation of a Matrix. By E. T. BROWNE.....	363
Lie's Works, Volume VI. By R. D. CARMICHAEL.....	369
Born on Atomic Dynamics. By E. W. BROWN.....	370
Burgess on Statistics. By C. H. FORSYTH.....	372
Hudson on Cremona Transformations. By A. B. COBLE	373
Jordan on Statistics. By B. H. CAMP.....	375
Shorter Notices.....	378
Notes.....	385
New Publications.....	395

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