

BULLETIN
OF THE
AMERICAN
MATHEMATICAL SOCIETY

EDITED BY

EARLE R. HEDRICK
DAVID R. CURTISS WILLIAM R. LONGLEY

WITH THE ASSISTANCE OF

HAROLD T. DAVIS HARRY W. KUHN
THEOPHIL H. HILDEBRANDT DERRICK N. LEHMER
JOHN R. KLINE HENRY L. RIETZ
CAROLINE E. SEELY

VOLUME XXXVII, NUMBER 2

FEBRUARY, 1931

PUBLISHED BY THE SOCIETY
MENASHA, WIS., AND NEW YORK
1931

PUBLISHED MONTHLY

Whole No. 377

\$9.00 a Year

Entered as second class matter at the post office at Menasha, Wis., under the act of
August 24, 1912.

PUBLICATIONS OF THIS SOCIETY

- I. THE TRANSACTIONS. To members, \$6.75; to others, \$9.00.
Volumes 1-14 and 16-21: to members, \$5.25; to others, \$7.00.
Volumes 15, and 22-32: to members, \$6.00; to others, \$8.00.
- II. THE BULLETIN. To non-members, \$9.00.
Members of the Society receive the Bulletin if they have paid their dues, \$5.00 of which is for subscription to the Bulletin.
Volumes 1-11 (and the three volumes of the Bulletin of the New York Mathematical Society), are out of print. The Society is glad to receive odd volumes or even odd numbers of these volumes.
Volumes 12-36: to members, \$5.25; to others, \$7.00.
- III. THE AMERICAN JOURNAL OF MATHEMATICS.
Published by this Society and the Johns Hopkins University. Send orders to The Johns Hopkins Press.
To members, \$5.75; to others, \$7.50.
Complete sets (50 volumes): \$350.00.
- IV. THE COLLOQUIUM PUBLICATIONS.
Published in December, 1930:
S. Lefschetz, *Topology*, \$4.50. (Volume XII of the Colloquium Series.)
To appear early in 1931:
O. Veblen, *Analysis Situs*. Second edition. \$2.00. (Part II of Volume V of the Colloquium Series.)
For earlier issues see another page.

Orders may be addressed to
450-458 AHNAIP ST., MENASHA, WIS., OR
501 WEST 116TH STREET, NEW YORK, N.Y.

On sale also by the following official agents of this Society:
Bowes & Bowes, 1 Trinity St., Cambridge, England.
Hirschwaldsche Buchhandlung, Unter den Linden, 68, Berlin.
Librairie Scientifique Albert Blanchard, 3 bis, Place de la Sorbonne,
Paris, V, France.
Libreria Editrice Nicola Zanichelli, Bologna, Italy.