

BULLETIN
OF THE
AMERICAN
MATHEMATICAL SOCIETY

A HISTORICAL AND CRITICAL REVIEW
OF MATHEMATICAL SCIENCE

EDITED BY

EARLE RAYMOND HEDRICK
ARNOLD DRESDEN WILLIAM RAYMOND LONGLEY

WITH THE ASSISTANCE OF

THEOPHIL H. HILDEBRANDT TULLIO LEVI-CIVITA
HARRY W. KUHN HENRY L. RIETZ
DERRICK N. LEHMER CAROLINE E. SEELY
J. H. M. WEDDERBURN

VOLUME XXXIII

JANUARY TO DECEMBER, 1927

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

1927

The Collegiate Press
GEORGE BANTA PUBLISHING COMPANY
MENASHA, WISCONSIN

BULLETIN
OF THE
AMERICAN
MATHEMATICAL SOCIETY

A HISTORICAL AND CRITICAL REVIEW
OF MATHEMATICAL SCIENCE

EDITED BY

EARLE RAYMOND HEDRICK
ARNOLD DRESDEN WILLIAM RAYMOND LONGLEY

WITH THE ASSISTANCE OF

THEOPHIL H. HILDEBRANDT TULLIO LEVI-CIVITA
HARRY W. KUHN HENRY L. RIETZ
DERRICK N. LEHMER CAROLINE E. SEELY
 J. H. M. WEDDERBURN

VOLUME XXXIII, NUMBER 1

JANUARY-FEBRUARY, 1927

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

1927

PUBLISHED BIMONTHLY

Whole No. 346

\$7.00 a Year

Entered as a second class matter at the post office at Menasha, Wis., May 13, 1926.

JOURNALS OF THIS SOCIETY

Effective January 1, 1927, the prices of back volumes of the TRANSACTIONS and the BULLETIN will be as follows:

I. THE TRANSACTIONS

Complete Sets. Full Set, volumes 1—21, published at \$105.00	\$90.00
Single volumes, volumes 1—21, each	5.00
Volume 22 and beyond, each, to members, \$5.25; to others..	7.00

II. THE BULLETIN

The three volumes of the BULLETIN OF THE NEW YORK MATHEMATICAL SOCIETY, and volumes 1—11 of this BULLETIN are out of print; the Society can sometimes supply second-hand sets. Gifts of odd numbers of these rare volumes are welcomed.

Volumes 12—26 (with index of vols. 11—20)	\$60.00
Single volumes, volumes 12—26, each	5.00
Volume 27 and beyond, each	7.00

OTHER PUBLICATIONS

THE COLLOQUIUM PUBLICATIONS. See a special announcement on a flyleaf at the back of this issue.

REPRINTS OF ADDRESSES. See a special announcement on a flyleaf at the back of this issue.

PORTRAITS. MAXIME BÔCHER. F. N. COLE. Price, 20 cents each.

A. B. COBLE, E. R. HEDRICK, W. R. LONGLEY (*Chairman*)
Committee on Sales of Publications

Orders may be addressed to
501 WEST 116TH STREET, NEW YORK, N. Y.

On sale also by the following official agents of this Society:

The Open Court Publishing Co., 122 S. Michigan Ave., Chicago, Ill.
Bowes & Bowes, 1 Trinity St., Cambridge, England.
Hirschwaldsche Buchhandlung, Unter den Linden 68, Berlin.
Libreria Giovanni Bardi, Piazza Madama 19-20, Rome, Italy.