BULLETIN
OF THE
AMERICAN MATHEMATICAL SOCIETY

EDITED BY
ABRAHAM ADRIAN ALBERT  TOMLINSON FORT
LAWRENCE MURRAY GRAVES  PAUL ALTHAUS SMITH

WITH THE ASSISTANCE OF
P. O. BELL  GARRETT BIRKHOFF  W. B. CARVER
J. L. DOOB  MORRIS MARDEN  O. F. G. SCHILLING
J. A. SHOHAT  VIRGIL SYNDER  MORGAN WARD

VOLUME 48, NUMBER 7
JULY, 1942

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

Mail Address: Low Memorial Library, 531 West 116th Street, New York, N. Y.,
for the Secretary, Treasurer, Librarian, and Office Manager.

Office: Room 305, Low Memorial Library, 531 West 116th Street, New York, N. Y.

President: Professor Marston Morse, Institute for Advanced Study, Princeton, N. J.

Secretary: Professor J. R. Kline, University of Pennsylvania, Philadelphia, Pa.

Associate Secretaries: Professor W. L. Ayres, Purdue University, Lafayette, Ind.; Professor T. R. Hollcroft, Wells College, Aurora, N. Y.; Professor M. H. Ingraham, University of Wisconsin, Madison, Wis.; Dean T. M. Putnam, University of California, Berkeley, Calif. (Professor A. D. Michal, California Institute of Technology, Pasadena, Calif., Acting Associate Secretary during the period of illness of Dean Putnam).

Treasurer: Professor B. P. Gill, Low Memorial Library, 531 West 116th Street, New York, N. Y.

Librarian: Professor Arnold Dresden, Swarthmore College, Swarthmore, Pa.

Office Manager: Miss Evelyn M. Hull, Low Memorial Library, 531 West 116th Street, New York, N. Y.

Managing Editor of the Bulletin: Dean Tomlinson Fort, Lehigh University, Bethlehem, Pa.

Managing Editor of the Transactions: Professor Einar Hille, Yale University, New Haven, Conn.

Editors of Mathematical Reviews: Professors O. E. Neugebauer and J. D. Tamarkin, Brown University, Providence, R. I., and Professor Oswald Veblen, Institute for Advanced Study, Princeton, N. J.

Chairman, Colloquium Editorial Committee: Professor J. D. Tamarkin, Brown University, Providence, R. I.


The Bulletin of the American Mathematical Society is published monthly. Price per annual volume, $9.00. Subscriptions, orders for back numbers, and inquiries in regard to nondelivery of current numbers should be addressed to the American Mathematical Society, 450 Ahnaip Street, Menasha, Wis., or Low Memorial Library, 531 West 116th Street, New York, N. Y.