

VOLUME 77
(Whole No. 735)

NUMBER 6
NOVEMBER, 1971

BULLETIN
of the
AMERICAN MATHEMATICAL SOCIETY

Edited by

GIAN-CARLO ROTA M. H. PROTTER
MURRAY GERSTENHABER

CODEN: BAMOAD

Published by the American Mathematical Society

PROVIDENCE, RHODE ISLAND

AMERICAN MATHEMATICAL SOCIETY

Business Office: P. O. Box 6248, Providence, Rhode Island 02904

Gordon L. Walker, Executive Director

Lincoln K. Durst, Deputy Director

OFFICERS

President: Nathan Jacobson, Department of Mathematics, Yale University, New Haven, Connecticut 06520

Ex-President: Oscar Zariski, Department of Mathematics, Harvard University, Cambridge, Massachusetts 02138

Vice-Presidents: Peter D. Lax, Courant Institute of Mathematical Sciences, New York University, New York, New York 10012; Isadore M. Singer, Department of Mathematics, Massachusetts Institute of Technology, Cambridge, Massachusetts 02138

Secretary: Everett Pitcher, Department of Mathematics, Lehigh University, Bethlehem, Pennsylvania 18015

Treasurer: W. T. Martin, Department of Mathematics, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139

Assistant Treasurer: Murray H. Protter, Department of Mathematics, University of California, Berkeley, California 94720

Board of Trustees: Paul T. Bateman, Department of Mathematics, University of Illinois, Urbana, Illinois 61803; John W. Green, Department of Mathematics, University of California, Los Angeles, California 90024; Nathan Jacobson (ex officio); Irving Kaplansky, Department of Mathematics, University of Chicago, Chicago, Illinois 60637; W. T. Martin (ex officio); Murray H. Protter, Department of Mathematics, University of California, Berkeley, California 94720

CHAIRMEN OF EDITORIAL AND COMMUNICATIONS COMMITTEES

Bulletin Editorial Committee: Murray Gerstenhaber, Department of Mathematics, University of Pennsylvania, Philadelphia, Pennsylvania 19104

Proceedings Editorial Committee: W. H. J. Fuchs, Department of Mathematics, White Hall, Cornell University, Ithaca, New York 14850

Transactions and Memoirs Editorial Committee: Dana S. Scott, Department of Philosophy, Princeton University, Princeton, New Jersey 19540

Mathematical Reviews Editorial Committee: Frederick W. Gehring, Department of Mathematics, University of Michigan, Ann Arbor, Michigan 48104

Colloquium Editorial Committee: George W. Mackey, Department of Mathematics, Harvard University, Cambridge, Massachusetts 02138

Mathematical Surveys Editorial Committee: Bertram Yood, Department of Mathematics, University of Oregon, Eugene, Oregon 97403

Mathematics of Computation Editorial Committee: Eugene Isaacson, University Computing Center, Courant Institute of Mathematical Sciences, New York University, New York, New York 10012

Committee to Monitor Problems in Communication: Alex Rosenberg, Department of Mathematics, White Hall, Cornell University, Ithaca, New York 14850

Representatives of the Society on the Board of Editors of the American Journal of Mathematics: Hyman Bass, Department of Mathematics, Columbia University, New York, New York 10027; Raoul H. Bott, Department of Mathematics, Harvard University, Cambridge, Massachusetts 02138

* * * *

Executive Editor of Mathematical Reviews: Richard J. Crittenden, 415 Fourth Street, Ann Arbor, Michigan 48103

Editor of Translations Projects: S. H. Gould, American Mathematical Society, P. O. Box 6248, Providence, Rhode Island 02904

Council Members: See page 1146.

The annual dues of members of the Society are \$20, payable to the American Mathematical Society, P. O. Box 6248, Providence, Rhode Island 02904.

THE BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY is published bimonthly in January, March, May, July, September and November. Price per annual volume is \$12. Subscriptions, orders for back numbers, and inquiries in regard to nondelivery of current numbers should be addressed to the American Mathematical Society, 321 South Main Street, P. O. Box 6248, Providence, Rhode Island 02904.

Second-class postage paid at Providence, Rhode Island and additional mailing offices.

Copyright © American Mathematical Society 1971
Printed in the United States of America