

July 1963 • Vol. 17, No. 83

Mathematics of Computation

A journal devoted to advances in numerical analysis,
the application of computational methods, mathematical tables,
high-speed calculators and other aids to computation



Published Quarterly for the
National Academy of Sciences—National Research Council
By the
American Mathematical Society

Editorial Committee
Division of Mathematics
National Academy of Sciences—National Research Council
Washington, D. C.

H. POLACHEK, Chairman, Applied Mathematics Laboratory, David Taylor Model Basin, Washington 7, D. C.
ALAN FLETCHER, University of Liverpool, Liverpool 3, England
P. C. HAMMER, University of Wisconsin, Madison 6, Wisconsin
EUGENE ISAACSON, New York University, New York 3, New York
Y. L. LUKE, Midwest Research Institute, Kansas City 10, Missouri
DANIEL SHANKS, Applied Mathematics Laboratory, David Taylor Model Basin, Washington 7, D. C.
A. H. TAUB, University of Illinois, Urbana, Illinois
R. S. VARGA, Case Institute of Technology, Cleveland 6, Ohio
J. W. WRENCH, JR., Applied Mathematics Laboratory, David Taylor Model Basin, Washington 7, D. C.
D. M. YOUNG, Computing Center, University of Texas, Austin 12, Texas

Information to Subscribers

The journal is published quarterly in one volume per year with issues numbered serially since Volume I, Number 1. Starting with January, 1959 subscriptions are \$8.00 per year, single copies \$2.50.

Volumes I–XVI (1943–1962) Most issues are available. The price is \$3.00 per issue; \$12.00 per volume. Write for specific information.

Microcard Edition

Volumes I–XIV (1943–1960), Nos. 1–72 are now available on Microcards and may be purchased from the Microcard Editions, Inc., Accounting and Shipping Department, West Salem, Wisconsin, at a cost of \$39.00 for the complete set. Succeeding volumes are available on request.

Information to Contributors

All contributions intended for publication in *Mathematics of Computation* and all books for review should be addressed to H. Polachek, Technical Director, Applied Mathematics Laboratory, David Taylor Model Basin, Washington 7, D. C. The author may suggest an appropriate editor for his paper. Manuscripts should be typewritten double-spaced in the format used by the journal. For journal abbreviations, see *Mathematical Reviews*, v. 21, Index, 1960. Authors should submit the original and one copy, and should retain one copy.

Subscriptions, address changes, business communications and payments should be sent to:

AMERICAN MATHEMATICAL SOCIETY
190 Hope Street
Providence 6, Rhode Island

Published Quarterly for the
NATIONAL ACADEMY OF SCIENCES—NATIONAL RESEARCH COUNCIL
by the

AMERICAN MATHEMATICAL SOCIETY
Providence, Rhode Island

Copyright © 1963, American Mathematical Society
Printed in the United States of America

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