

R E P O R T R E S U M E S

ED 020 120

SE 003 904

BIBLIOGRAPHIC GUIDE FOR ADVANCED PLACEMENT, MATHEMATICS.

BY- CLARK, JOHN LOVELASS, VERA  
NEW YORK STATE EDUCATION DEPT., ALDANY

PUB DATE 65

EDRS PRICE MF-\$0.25 HC-\$0.72 16P.

DESCRIPTORS- \*ADVANCED PLACEMENT, \*BIBLIOGRAPHIES,  
\*INSTRUCTIONAL MATERIALS, \*MATHEMATICS, \*REFERENCE MATERIALS,  
AUDIOVISUAL AIDS, SECONDARY SCHOOL MATHEMATICS, NEW YORK  
STATE EDUCATION DEPARTMENT,

THIS BIBLIOGRAPHIC GUIDE IS INTENDED TO AID NEW YORK  
STATE SCHOOLS IN IMPROVING THEIR COLLECTION OF REFERENCE  
MATERIALS FOR ADVANCED PLACEMENT COURSES. MOST OF THE BOOKS  
AND PERIODICALS LISTED ARE APPROVED FOR 50 PER CENT  
REIMBURSEMENT UNDER THE NATIONAL DEFENSE EDUCATION ACT TITLE  
III ACQUISITION PROGRAM. MATERIALS ARE LISTED IN TWO GROUPS.  
THE FIRST GROUP IS A BASIC COLLECTION AND THE SECOND GROUP  
BUILDS A MORE EXTENSIVE COLLECTION. MATERIALS FOR THE  
ADVANCED PLACEMENT BIBLIOGRAPHY ARE LISTED UNDER BOOKS,  
PAMPHLETS, PERIODICALS, AND AUDIOVISUAL AIDS. (RP)

Math

THE UNIVERSITY OF THE STATE OF NEW YORK / THE STATE EDUCATION DEPARTMENT  
ALBANY, NEW YORK

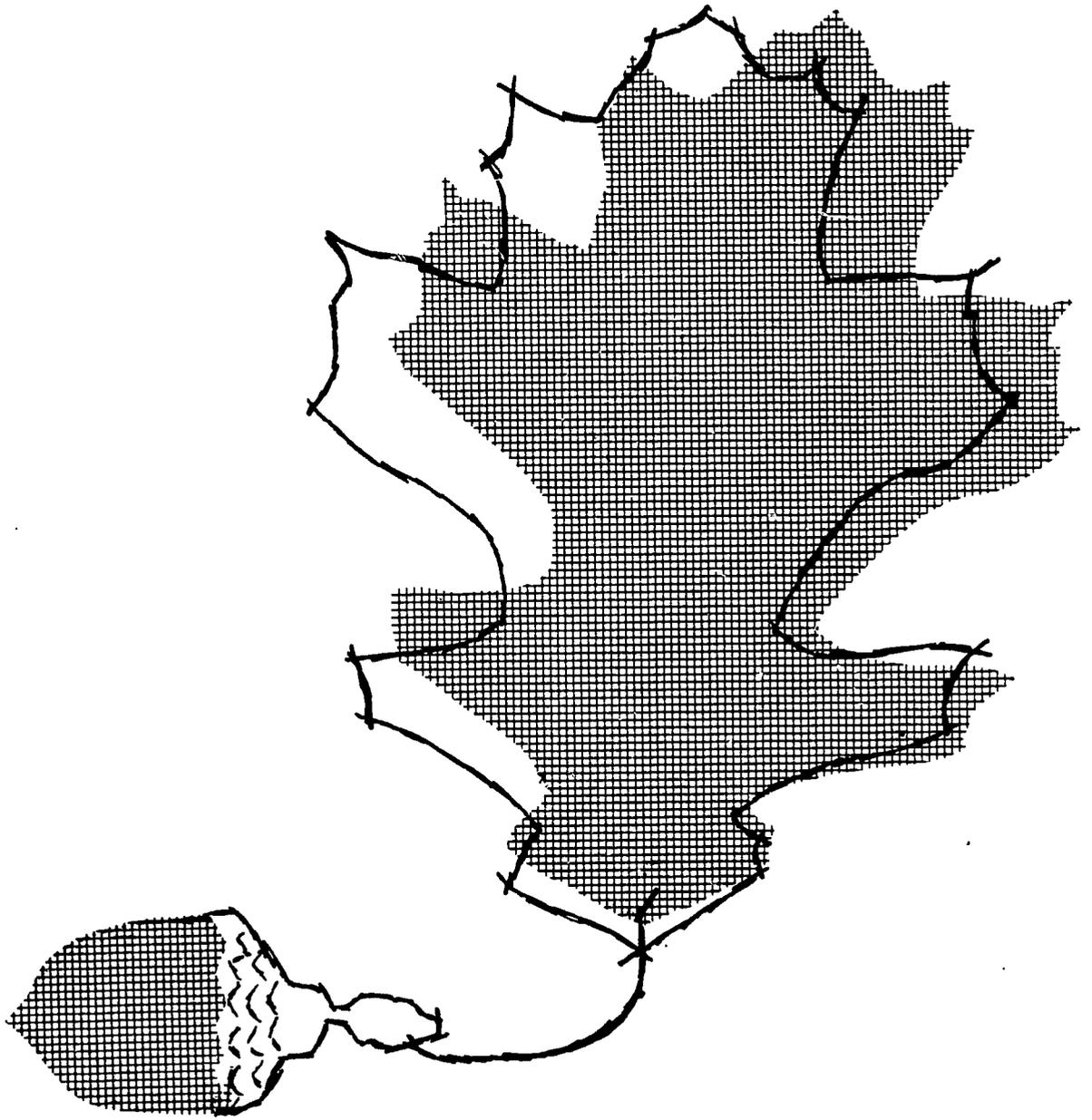
060700

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE  
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE  
PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS  
STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION  
POSITION OR POLICY.

ED020120

# Bibliographic Guide For advanced placement



# MATHEMATICS

SE003904

THE UNIVERSITY OF THE STATE OF NEW YORK

Regents of the University  
With years when terms expire

1968	Edgar W. Couper, A.B., LL.D., L.H.D., Chancellor	- - - - -	Binghamton
1967	Thad L. Collum, C.E., Vice-Chancellor	- - - - -	Syracuse
1978	Alexander J. Allan, Jr., LL.D., Litt.D.	- - - - -	Troy
1973	Charles W. Millard, Jr., A.B., LL.D.	- - - - -	Buffalo
1970	Everett J. Penny, B.C.S., D.C.S.	- - - - -	White Plains
1972	Carl H. Pforzheimer, Jr., A.B., M.B.A., D.C.S.	- - - - -	Purchase
1975	Edward M. M. Warburg, B.S., L.H.D.	- - - - -	New York
1971	J. Carlton Corwith, B.S.	- - - - -	Water Mill
1969	Joseph W. McGovern, A.B., LL.B., L.H.D., LL.D.	- - - - -	New York
1977	Joseph T. King, A.B., LL.B.	- - - - -	Queens
1974	Joseph C. Indelicato, M.D.	- - - - -	Brooklyn
1976	Mrs. Helen B. Power, A.B., Litt.D.	- - - - -	Rochester
1979	Francis W. McGinley, A.B., LL.D.	- - - - -	Glens Falls
1966	George D. Weinstein, LL.B.	- - - - -	Hempstead
1980	Max J. Rubin, LL.B., L.H.D.	- - - - -	New York

*President of the University  
and Commissioner of Education*  
James E. Allen, Jr.

*Deputy Commissioner of Education*  
Ewald B. Nyquist

*Associate Commissioner for  
Elementary, Secondary and Continuing Education*  
Walter Crewson

*Associate Commissioner for  
Higher and Professional Education*  
Frank R. Kille

*Assistant Commissioner for  
Instructional Services (General Education)*  
Warren W. Knox

*Assistant Commissioner for  
Higher Education*  
Allan A. Kuusisto

*Director  
Curriculum Development Center*  
William E. Young

*Director of the Division of  
Teacher Education and Certification*

*Chief  
Bureau of Secondary Curriculum Development*  
Gordon E. Van Hooft

*Chief  
Bureau of Teacher Education*  
Alvin P. Lierheimer

*Supervisor  
Education for the Gifted*  
Robert Kelley

The State Education Department has printed this bibliographic guide to aid New York State schools in improving their collection of reference materials for Advanced Placement courses. The guide was prepared for the Department in the spring of 1965 by:

Mr. John Clark  
Mathematics Teacher  
H. Frank Carey High School  
Franklin Square, L.I., New York

Miss Vera Lovelass  
Librarian  
H. Frank Carey High School  
Franklin Square, L.I., New York

and reviewed in final form by Frank S. Hawthorne, Chief, Bureau of Mathematics Education.

Most, if not all, the books and periodicals listed on the following pages are approvable for 50% reimbursement under the NDEA Title III acquisition program. Materials are listed in \$500 groups and should be purchased in such groups wherever possible. The groups are listed in the order in which it is recommended they be purchased; that is, the first group is a basic collection and successive groups build a more extensive collection.

Procedures for 50% reimbursement are the same as for other eligible materials under the Title III acquisition program. Most school administrators are well-acquainted with the procedures, and detailed instructions are given in the Title III NDEA Planning Guide published by the Title III Office of the State Education Department. Materials can, of course, be purchased by districts using only their own funds; but if you wish reimbursement under Title III some general rules are given below:

1. Do not order the following reference materials until you have applied for and received approval for their purchase from the Title III Office of the State Education Department in Albany. Application Form A may be obtained from that office.
2. Federal regulations stress the importance of the project in considering items for prior approval. In the purchase of a group of the following materials, the intended use should be justified in terms of the objectives of the school's Advanced Placement Program. Reference to this publication should be included.
3. Order only those items for which actual approval has been given by the Title III Office.
4. Librarians and teachers do not apply directly to the Title III Office, but through their chief school officer.
5. Use Dewey decimal numbers wherever possible, and list each book alphabetically by author. Include information as to publisher, date, and price.
6. Textbook quantities of reference books cannot be approved under Title III.

7. Magazines may be purchased by one-year subscriptions only. Subscriptions should not be renewed each year until reapproval has been obtained.
8. Certain audio-visual materials listed at the end of this booklet may not be reimbursable items. They were included to complete the bibliography. Information about the approvability of audio-visual materials as well as other materials is given in the Title III NDEA Planning Guide.

Similar bibliographic guides are also available for the remaining ten Advanced Placement subject areas. Copies may be obtained from:

Publications Distribution Unit  
State Education Department  
Albany, New York 12224

The guides were developed under the direction of Dr. Leonard Kreisman of The Bureau of Teacher Education, with the assistance of:

Carol Byerly	-	College Entrance Examination Board
Robert Kelley	-	Education of the Gifted, State Educ. Dept.
Helen Rice	-	Curriculum Coordinator, Irondequoit School System
Lillian Shapiro	-	Board of Education, New York City
Frank Stevens	-	School Libraries, State Educ. Dept.
Esther Swanker	-	Library Coordinator, Schenectady Public Schools
Alden Vaughan	-	Columbia University

The authors of the complete set of guides were:

TEACHERS

Biology

David Schiff  
Midwood High School  
Brooklyn, New York

German

Sidney Weissman  
Plainedge High School  
Massapequa, New York

French

Daniel LaBelle  
Columbia High School  
East Greenbush, New York

LIBRARIANS

Biology

Mrs. Anne Rossoff  
Midwood High School  
Brooklyn, New York

German

Pearl Rabinowitz  
Plainview High School  
Plainview, New York

French

Kathleen Hollister  
Columbia High School  
East Greenbush, New York

TEACHERS

Latin

Leone Roselle  
Mamaroneck High School  
Mamaroneck, New York

Chemistry

Harry Williams  
Horace Mann School  
New York City

American History

Robert Ziebarth  
Sewanhaka High School  
Floral Park, L.I., New York

European History

June Brown  
East High School  
Rochester, New York

English

James Nolan  
Linton High School  
Schenectady, New York

Mathematics

John Clark  
H. Frank Carey High School  
Franklin Square, L.I., New York

Physics

Bernhard A. Sachs  
Brooklyn Technical High School  
Brooklyn 17, New York

Spanish

Alice M. Kearney  
George Washington High School  
New York, New York 10040

LIBRARIANS

Latin

Robert Barron  
White Plains High School  
White Plains, New York

Chemistry

Clyde King  
Horace Mann School  
New York City

American History

Beverly Zimmer  
Floral Park Memorial H.S.  
Floral Park, L.I., New York

European History

Martha Church  
East High School  
Rochester, New York

English

Rita Lyons  
Linton High School  
Schenectady, New York

Mathematics

Vera Lovelass  
H. Frank Carey High School  
Franklin Square, L.I., New York

Physics

Edward B. Katz  
Brooklyn Technical High School  
Brooklyn 17, New York

Spanish

Paul Budofsky  
George Washington High School  
New York, New York 10040

ADVANCED PLACEMENT BIBLIOGRAPHY: MATHEMATICS

First Purchase

BOOKS

- Academy of Sciences of U. S. S. R. Mathematics Institute. Mathematics, Its Contents, Methods, and Meaning. part 1. American Mathematics Society. 1962. 188 p. \$5.60.
- Adams, Lovincy J. and White, Paul A. Analytic Geometry and Calculus. Oxford University Press. 1961. 932 p. \$9.75.
- Agnew, Ralph P. Calculus: Analytic Geometry and Calculus with Vectors. McGraw-Hill. 1962. 738 p. \$9.95.
- Aleksandrov, A. D., and others. Mathematics, Its Contents, Methods and Meaning. part 1. See Academy of Sciences of U. S. S. R. Mathematics Institute.
- Allendoerfer, Carl B. and Oakley, Cletus O. Principles of Mathematics. 2nd ed. McGraw-Hill. 1963. 540 p. \$8.50.
- Andree, Richard V. Fundamentals of College Mathematics.  
See Brixey, John O.
- Andree, Richard V. Introduction to Calculus with Analytic Geometry. McGraw-Hill. 1962. 360 p. \$9.50.
- Apostol, Tom M. Calculus: Introduction with Vectors and Analytic Geometry. vol. 1. Blaisdell. 1961. 515 p. \$9.50.
- Apostol, Tom M. Mathematical Analysis. Addison-Wesley. 1957. 553 p. \$11.75.
- Ayres, Frank. Outline of Theory and Problems of Calculus. 2nd ed. Schaum. 1964. 348 p. Pa. \$3.25.
- Begle, Edward G. Introductory Calculus with Analytic Geometry. Holt. 1954. 304 p. \$5.75.
- Bell, Stoughton and others. Modern Calculus. 2 v. Holden-Day. 1964. 832 p. \$6.50.
- Boyer, Carl B. The History of the Calculus and Its Conceptual Development. Dover. 1959. 336 p. Pa. \$2.00
- Bristol, James D. The Concept of a Function. Heath. 1963. 64 p. Pa. \$1.00.

BOOKS

- Bristol, James D. Graphing Relations and Functions. Heath. 1963. 64 p.  
Pa. \$1.00.
- Brixey, John C. and Andree, Richard V. Fundamentals of College Mathematics.  
rev. ed. Holt. 1961. 750 p. \$8.95.
- Cooley, Hollis R. First Course in Calculus. John Wiley. 1954. 643 p.  
\$7.50.
- Cooley, Hollis R., and others. Introduction to Mathematics. 2nd ed.  
Houghton. 1949. 710 p. \$6.95.
- Courant, Richard. Differential and Integral Calculus. 2 v. 2nd ed.  
John Wiley. 1937. \$16.50.
- Davis, Philip J. The Lore of Large Numbers. Random. 1961. 165 p. \$2.95.  
Pa. \$1.95.
- Evans, Trevor and Youse, Bevan K. How to Solve Problems in Analytic Geometry  
and Calculus. vol. 1. Prentice-Hall. 1961. 180 p. Pa. \$2.95.
- Federer, Herbert and Jonsson, Bjarni. Analytic Geometry and Calculus.  
Ronald Press. 1961. 671 p. \$10.00.
- Fisher, Robert C. and Ziebur, Allen D. Calculus and Analytic Geometry.  
Prentice-Hall. 1961. 766 p. \$14.60.
- Granville, W. A., and others. Elements of Calculus. Blaisdell. 1946. 549 p.  
\$7.00.
- Griffin, Frank L. Introduction to Mathematical Analysis. rev. ed. Houghton.  
1936. 546 p. \$5.75.
- Griffin, Frank L. Mathematical Analysis Higher Course. Houghton. 1957.  
508 p. \$5.50.
- Haaser, Norman B., and others. Course in Mathematical Analysis: Introduction  
to Analysis. vol. 1. Blaisdell. 1959. 688 p. \$8.75.
- Hodgman, Charles D., and others, Eds. C. R. C. Standard Mathematical Tables.  
12th ed. Chemical Rubber. 1961. 750 p. \$8.95.
- James, Glenn and James, Robert C. Mathematical Dictionary. 2nd ed.  
multilingual. Van Nostrand. 1959. 546 p. \$15.00
- James, Robert C. Mathematical Dictionary.  
See James, Glenn.
- Jonsson, Bjarni. Analytical Geometry and Calculus.  
See Federer, Herbert.

BOOKS

- Johnson, Richard E., and others. Introduction to Mathematical Analysis. Holt. 1962. 476 p. \$7.00.
- Johnson, Richard E. and Kiokemeister, Fred L. Calculus with Analytic Geometry. 2nd ed. Allyn and Bacon. 1960. 709 p. \$15.35.
- Kells, Lyman M. Analytic Geometry and Calculus. 2nd ed. Prentice-Hall. 1963. 628 p. \$11.95.
- Khinchin, Aleksandr, Ya. Eight Lectures on Mathematical Analysis. Heath, 1963. 240 p. (in prep.)
- Kindle, Joseph. Schaum's Outline of Theory and Problems of Analytic Geometry. Schaum. 1950. 156 p. Pa. \$1.75.
- Kiokemeister, Fred L. Calculus with Analytic Geometry. 2nd ed. See Johnson, Richard E.
- Klein, Felix. Elementary Mathematics from an Advanced Standpoint: Arithmetic, Algebra, Analysis. vol. 1. 3rd ed. 1925. 274 p. Pa. \$1.85.
- Kline, Morris. Mathematics and the Physical World. Crowell. 1959. 482 p. \$6.00; Pa. Doubleday. \$1.95.
- Korovkin, P. P. Inequalities. Blaisdell. 1962. 60 p. Pa. \$0.95.
- Landau, Edmund. Foundations of Analysis. 2nd ed. Chelsea. 1960. 136 p. \$3.95.
- Longley, William, and others. Analytic Geometry and Calculus. Blaisdell. 1960. 586 p. \$7.50.
- Lynch, Ranson V. A First Course in Calculus Including Analytic Geometry. Ginn. 1964. 494 p. \$7.40.
- McCoart, Richard F., and others. Elementary Analysis. Holden-Day. 1964. 251 p. \$7.95.
- Markushevich, Aleksei I. Infinite Series. Heath. 1963. 200 p. (in prep.)
- May, Kenneth O. Elements of Modern Mathematics. Addison-Wesley. 1959. 607 p. \$10.75.
- Mellor, Joseph W. Higher Mathematics for Students of Chemistry and Physics. 4th ed. Dover. 1955. 641 p. Pa. \$2.25.
- Menger, K. Calculus a Modern Approach. Blaisdell. 1955. 354 p. \$7.25.

BOOKS

- Morrey, C. B. Calculus with Analytic Geometry.  
See Protter, M. H.
- Natanson, Isidor P. Summation of Infinitely Small Quantities. Heath. 1963.  
59 p. Pa. \$1.40.
- Newman, James R. The World of Mathematics. Simon and Schuster. 1956.  
4v. \$25.00. Pa. \$9.95.
- Niven, Ivan. Calculus; An Introductory Approach. Van Nostrand. 1961.  
172 p. \$4.75.
- Niven, Ivan. Numbers; Rational and Irrational. Random. 1961. 136 p.  
\$2.95. Pa. \$1.95.
- Oakley, Cletus. Principles of Mathematics.  
See Allendoerfer, Carl B.
- Olmstead, John M. H. Intermediate Analysis. Appleton. 1956. 305 p. \$6.00.
- Olmstead, John M. H. Real Variables. Appleton. 1959. 621 p. \$9.00.
- Protter, M. H. and Morrey, C. B. Calculus with Analytic Geometry. Addison-  
Wesley. 1963. 572 p. \$8.75.
- Rainville, Earl D. Unified Calculus and Analytic Geometry. Macmillan. 1961.  
24 p. \$8.95.
- Randolph, John A. F. Calculus. Macmillan. 1952. 483 p. \$6.95.
- Richardson, Moses. Fundamentals of Mathematics. rev. ed. Macmillan. 1958.  
507 p. \$7.50.
- Richmond, Donald Everett. Calculus with Analytic Geometry. Addison-Wesley.  
1959. 458 p. \$9.75.
- Ritow, Ira. Capsule Calculus. Doubleday. 1962. 177 p. Pa. \$1.45.
- Sawyer, Walter W. What is Calculus About? Random. 1961. 118 p. \$2.95.  
Pa. \$1.95.
- Schock, A. Clyde and Warshaw, Bernard S. Analytic Geometry and an Introduction  
to Calculus. Prentice-Hall. 1960. 165 p. \$4.56.
- School Mathematics Study Group. Elementary Functions. Yale University Press.  
1961. 300 p. \$2.00; teacher commentary. 286 p. \$2.00.
- Schwartz, Abraham. Analytic Geometry and Calculus. Holt. 1960. 864 p.  
\$9.50.

BOOKS

Shervatov, V. G. Hyperbolic Functions. Heath. 1963. 55 p. Pa. \$1.40.

Sherwood, George E. F. and Taylor, Angus E. Calculus. 3rd ed. Prentice-Hall. 1954. 579 p. \$14.60.

Smail, Lloyd L. Analytic Geometry and Calculus. Appleton. 1953. 644 p. \$6.50.

Taylor, Angus E. Calculus.  
See Sherwood, George E. F.

Taylor, Angus E. Calculus with Analytic Geometry. Prentice-Hall. 1959. 762 p. \$14.60.

Taylor, Howard and Wade, Thomas L. University Calculus and Subsets of the Plane. Wiley. 1962. 862 p. \$10.95.

Thomas, George B. Calculus and Analytic Geometry. 3rd ed. Addison-Wesley. 1960. 1010 p. \$11.50.

Thomas, George B. Limits. Addison-Wesley. 1963. 51 p. Pa. \$1.00.

Toeplitz, Otto. Calculus; a Genetic Approach. University of Chicago Press. 1963. 192 p. \$6.50. Pa. \$1.95.

Wade, Thomas L. University Calculus and Subset of the Plane.  
See Taylor, Howard.

Warshaw, Bernard S. Analytical Geometry and an Introduction to Calculus.  
See Schock, A. Clyde.

White, Paul A. Analytic Geometry and Calculus.  
See Adams, Lovincy J.

Youse, Bevan K. How to Solve Problems in Analytical Geometry and Calculus.  
See Evans, Trevor.

Ziebur, Allen D. Calculus and Analytical Geometry.  
See Fisher, Robert C.

Zippin, Leo. Uses of Infinity. Random. 1962. 151 p. \$2.95. Pa. \$1.95.

PAMPHLETS

"Advanced Placement Program Course Descriptions". 1964-66 revision.  
College Entrance Examination Building, Box 592, Princeton, New Jersey.  
160 p. \$1.50.

"Professional Opportunities in Mathematics." Mathematics Association of  
America, Buffalo 14, New York. 1961. \$.25.

## PERIODICALS

American Mathematical Monthly. Pub. by Mathematics Association of America, SUNY Buffalo, Buffalo 14, New York. \$8.00 per year.

Mathematical Log. Pub. by Mu Alpha Theta, c/o Prof. Richard Andree, Box 1155, University of Oklahoma, Norman, Oklahoma. Free.

Mathematics Student Journal. Pub. by National Council of Teachers of Mathematics, c/o M. H. Ahrendt, Business Manager, 1201 Sixteenth St., N.W., Washington, D.C. 20036. \$.30 each per year sold in groups of 5 copies or more to a single address.

Mathematics Teacher. Pub. by National Council of Teachers of Mathematics, c/o M. H. Ahrendt, Business Manager, 1201 Sixteenth St., N.W. Washington, D. C., 20036. \$7.00 per year institutional. \$5.00 per year individual.

Pi Mu Epsilon Journal. Pub. by University of Minnesota, Minneapolis, Minnesota 55455.

School Science and Mathematics. Pub. by Central Association of Science and Mathematics Teachers, P.O. Box 108, Bluffton, Ohio. \$6.00 with membership.

## AUDIO-VISUAL

Area by Integration. Filmstrip. 38 frames. B & W. W. M. Welch Scientific Company. \$4.00.

Areas Using Polar Coordinates. Filmstrip. 36 frames. B & W. W. M. Welch Scientific Company. \$4.00.

Calculus. Video tape. 120 lessons 30 minutes each. 1962 version. WENH-TV Durham, New Hampshire. May be purchased or rented. Teacher and student study guides available at \$3.00 per copy.

Double Integrals. Filmstrip. 45 frames. B & W. W. M. Welch Scientific Company. \$4.00 purchase.

Introductory Calculus I. Programmed learning materials. Encyclopedia Britannica Films. \$7.00 purchase.

Introductory Calculus II. Programmed learning materials. Encyclopedia Britannica Films. \$7.00 purchase.

Projectuals for Calculus. 42 in a set. Tecnifax Corporation. \$187.50 per set purchase. (May be purchased individually also).

**AUDIO-VISUAL**

**Theory of Limits: Limits of Sequences.** pt. 1. Film. 34 minutes.  
Modern Learning Aids. Purchase: B & W. \$150.00. 3 school days  
rental: \$6.00.

**Theory of Limits: Limits of Functions and Limit Processes.** pt. 2. Film.  
25 minutes. Modern Learning Aids. Purchase: B & W. \$115.00.  
3 school days rental: \$6.00.

**Theory of Limits: The Cauchy Criterion for Convergence.** pt. 3. Film.  
13 minutes. Modern Learning Aids. Purchase: B & W. \$60.00.  
3 school days rental: \$6.00.

**Triple Integrals.** Filmstrip. 53 frames. B & W. W. M. Welch Scientific  
Company. \$4.00 purchase.

**What is an Integral?** pt. 1. Film. 29 minutes. Modern Learning Aids.  
Purchase: B & W. \$130.00. 3 school days rental: \$6.00.

**What is an Integral?** pt. 2. Film. 29 minutes. Modern Learning Aids.  
Purchase: B & W. \$130.00. 3 school days rental: \$6.00.

Second Purchase

BOOKS

- Abbott, Percival W. H. Teach Yourself Calculus. Dover. 1940. 380 p.  
Pa. \$2.00.
- Artin, Emil. Calculus and Analytic Geometry. Committee on the Undergraduate Program, Mathematics Association of America, SUNY Buffalo. 1959. 123 p. Pa. \$1.00.
- Barrow, Isaac. Geometric Lectures. Open Court Publishing. 1916. \$2.50.  
Pa. \$.95.
- Beckenbach, Edwin. Introduction to Inequalities.  
See Bellman, Richard.
- Bell, Eric T. Development of Mathematics. 2nd ed. McGraw-Hill. 1945.  
637 p. \$9.50.
- Bell, Eric T. Men of Mathematics. Simon and Schuster. 1937. 592 p.  
\$6.50. Pa. \$2.25.
- Bellman, Richard and Beckenbach, Edwin. Introduction to Inequalities.  
Random. 1961. 133 p. \$2.95. Pa. \$1.95.
- Buck, Robert C. Advanced Calculus. McGraw-Hill. 1956. 423 p. \$8.75.
- Child, J. M., Ed. Geometric Lectures of Isaac Barrow.  
See Barrow, Isaac.
- Courant, Richard and Robbins, Herbert. What is Mathematics? Oxford  
University Press. 1941. 521 p. \$9.00.
- Franklin, Philip. Compact Calculus. McGraw-Hill. 1963. 245 p. \$6.95.
- Freund, John E. A Modern Introduction to Mathematics. Prentice-Hall. 1956.  
543 p. \$8.95.
- Fuller, Gorder and Parker, Robert M. Analytic Geometry and Calculus.  
Van Nostrand. 1964. 631 p. \$9.50.
- Gay, Harold J. Analytic Geometry and Calculus. McGraw-Hill. 1950. 524 p.  
\$7.50.
- Graves, Lawrence M. Theory of Functions of Real Variables. 2nd ed.  
McGraw-Hill. 1956. 375 p. \$9.50.
- Hart, William L. Analytic Geometry and Calculus. 2nd ed. Heath. 1963.  
750 p. \$9.40.

BOOKS

- Hille, Einar. Analysis. vol. 1. Blaisdell. 1964. 637 p. \$9.50.
- Hobson, Ernest W. Theory of Functions of a Real Variable. vol. 1. 3rd rev. and enl. ed. Dover. 1958. 736 p. Pa. \$3.00.
- Holmes, Cecil T. Calculus and Analytic Geometry. McGraw-Hill. 1950. 416 p. \$7.50.
- Kazarinoff, Nicholas D. Geometric Inequalities. Random. 1961. 132 p. \$2.95. Pa. \$1.95.
- Klaf, A. Albert. Calculus Refresher for Technical Men. Dover. 1957. 431 p. Pa. \$2.00.
- Knopp, Konrad. Theory and Application of Infinite Series. 2nd ed. Hafner Publications. 1948. 563 p. \$9.50.
- Kramer, Edna E. The Main Stream of Mathematics. Oxford University Press. 1951. 321 p. \$7.75. Fawcett. 1961. 352 p. Pa. \$.75.
- Lieber, Lillian. Infinity. Holt. 1953. 359 p. \$5.00.
- Marcushevich, Aleksei I. Areas and Logarithms. Heath. 1963. 48 p. Pa. \$1.45.
- Maxwell, Edwin A. Fallacies in Mathematics. Cambridge University Press. 1959. 95 p. \$2.95. Pa. \$.95.
- National Bureau of Standards, U. S. Department of Commerce. Handbook of Mathematical Functions. U. S. Government Printing Office. 1964. 1060 p. \$6.50.
- Oakley, Cletus O. Calculus: A Modern Approach. rev. ed. Barnes. 1957. 221 p. Pa. \$1.50 (new ed. in prep.)
- Olmsted, John M. H. Advanced Calculus. Appleton. 1961. 706 p. \$9.50.
- Parker, Robert M. Analytic Geometry and Calculus.  
See Fuller, Gorder.
- Peterson, Thurman S. Calculus with Analytic Geometry. Harper. 1960. 586 p. \$7.50.
- Purcell, Edwin J. Calculus with Analytic Geometry. Appleton. 1965. 800 p. \$9.50.
- Rivkind, Y. I. Problems in Mathematical Analysis. Stechert. 1963. 98 p. Pa. \$2.90.
- Robbins, Herbert. What is Mathematics?  
See Courant, Richard.

**BOOKS**

Salkind, Charles T. The Contest Problem Book. Random. 1961. 154 p.  
Pa. \$1.95.

Sawyer, W. W. Mathematician's Delight. Penguin. 1943. 238 p.  
Pa. \$.95.

Titchmarsh, E. C. Mathematics for the General Reader. Doubleday. 1959.  
197 p. Pa. \$.95.

Whitehead, Alfred N. An Introduction to Mathematics. Oxford University  
Press. 1958. 191 p. Pa. \$1.50.

Yaglom, I. M. Geometric Transformations. Random. 1962. 133 p. \$2.95.  
Pa. \$1.95.

Young, Jacob W. A., Ed. Monographs on Topics of Modern Mathematics Relevant  
to the Elementary Field. Dover. 1955. 416 p. Pa. \$2.00.

**PAMPHLETS**

Department of Mathematics, University of Kansas. Universal Mathematics,  
Functions and Limits. Mathematics Association of America. 1954.  
Free to members or interested persons.

**PERIODICALS**

O.U. Mathematics Letter. Pub. by Mathematics Department, University of  
Oklahoma, Norman, Oklahoma, 73069. \$.20 per year no order accepted  
for less than \$1.00. One free subscription to each teacher who  
requests it. The free subscription can be sent to a school address  
only.

Scientific American. Pub. by Scientific American, 415 Madison Ave.,  
New York 17, New York. \$5.00.

Scripta Mathematica. Pub. by Belfer Graduate School of Science,  
Yeshiva University, Amsterdam Ave. and 186th St., New York 33,  
New York. \$4.00.

Sources Checked

Association of Mathematics Teachers of New York. Library List. 1964.

Committee of the Undergraduate Program in Mathematics. Basic Library List. 1963.

National Council of Teachers of Mathematics. The High School Mathematics Library. 1960.

Paperbook Books in Print. Bowker. Quarterly.

Parke, Nathan G. Guide to the Literature of Mathematics and Physics. 2nd rev. ed. Dover. 1959.

Rosenbaum, Robert A. and Rosenbaum, Louise J. Bibliography of Mathematics for Secondary School Libraries. 5th ed.

Steckler, Phyllis B. American Scientific Books. 1960-62. Bowker.