Reported is an initial attempt to define a minimal college mathematics library. Included is a list of some 300 books, from which approximately 170 are to be chosen to form a basic library in undergraduate mathematics. The areas provided for in this list include Algebra, Analysis, Applied Mathematics, Geometry, Topology, Logic, Foundations and Set Theory, Probability-Statistics, and Number Theory. The intended goals of this basic collection are to (1) provide the student with introductory materials in various fields of mathematics which he may not have previously encountered, (2) provide the interested students with reading material collateral to his course work, (3) provide the student with reading at a level beyond that ordinarily encountered in the undergraduate curriculum, (4) provide the faculty with reference material, and (5) provide the general reader with elementary material in the field of mathematics. (RP)
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS

BASIC LIBRARY LIST

JANUARY, 1965

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

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The Committee on the Undergraduate Program in Mathematics of the Mathematical Association of America is charged with making recommendations for the overall improvement of college and university mathematics curricula at all levels and in all educational areas. The Committee, through its parent association, has received a grant from the National Science Foundation to support its work. To carry on the activities under this grant, the Committee has organized the Commission on the Undergraduate Program in Mathematics consisting of the Committee, an Executive Director, and an Associate Director.

Membership of the Commission on the Undergraduate Program in Mathematics at the time this list was prepared:

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University of Virginia
Chairman

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Department of Mathematics
Northwestern University

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University of Wisconsin

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University of Washington

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Department of Mathematics
Columbia University

DAVID GALE
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Brown University

SAMUEL GOLDBERG
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EDWIN E. MOISE
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Harvard University

JOHN C. MOORE
Department of Mathematics
Princeton University

HENRY O. POLLAK
Mathematics and Statistics
Research Center
Bell Telephone Laboratories, Inc.

I. M. SINGER
Department of Mathematics
Massachusetts Institute of Technology

A. W. TUCKER
Department of Mathematics
Princeton University
One of the many channels by which the Mathematical Association of America offers advice and guidance to colleges is the Committee on the Undergraduate Program in Mathematics. A project of this Committee has been an attempt to define a minimal college mathematics library. Preliminary versions of the accompanying list have been used to improve mathematics libraries.

This list of some 300 books, from which approximately 170 are to be chosen to form a basic library in undergraduate mathematics, is intended to do the following:

1. Provide the student with introductory material in various fields of mathematics which he may not previously have encountered.

2. Provide the student, whose interest has been aroused by his teachers, with reading material collateral to his course work.

3. Provide the student with reading at a level beyond that ordinarily encountered in his undergraduate curriculum.

4. Provide the faculty with reference material.

5. Provide the general reader with elementary material in the field of mathematics.

The list is minimal, and is not intended to provide anyone with the grounds of an argument that a particular library is complete, and hence cannot be improved. On the contrary, the list is basic in that it provides a nucleus for a library whose further acquisitions should be dictated by student and faculty interests. There has been a concerted effort to keep the list small, in the exercise of which many books of merit have had to be excluded, and several equally attractive areas sometimes have been combined into one group from which one book is to be selected. In many cases similar books are suggested as alternate choices so that a library may exploit its present holdings. The new federal program in education will, we hope, enable colleges to finance purchases from this basic list.

It is expected that separate library lists will be published by CUPM dealing with special areas including teacher training and the biological, management and social sciences.

The Advisory Group on Communications of the Committee on the Undergraduate Program in Mathematics has prepared this list over a period ending in 1964; hence, recently published books do not appear on the list. The list will be revised from time to time. Any
suggestions which will aid in such revision or which are aimed at
the improvement of the list will be welcomed and should be sent to
CUPM, P. O. Box 1024, Berkeley, California 94701.

Membership of CUPM's Advisory Group on Communications at
the time this list was prepared:

A. W. TUCKER
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JOHN D. BAUM
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Oberlin College

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Department of Mathematics
California Institute of Technology

* MARION K. FORT
   Department of Mathematics
   University of Georgia

ROTHWELL STEPHENS
Department of Mathematics
Knox College

ROBERT M. THRALL
Department of Mathematics
University of Michigan

* Deceased
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I. BACKGROUND AND ORIENTATION

The volumes listed here offer a variety of topics which must have representation in any basic library. Of the three books on the history of mathematics, Men of Mathematics can be read with enjoyment by students at any level. Equally readable are What is Mathematics?, Number, the Language of Science, and The Enjoyment of Mathematics. Symmetry, An Introduction to Mathematics, and Mathematical Snapshots are well known classics, while the books on finite mathematics (1.10) bring numerous modern topics to the freshman level.


1.3 Courant, R. and Robbins, H. What is Mathematics? New York, Oxford University Press, 1941, $9.00, text ed. $7.00.


1.10 At least one of the following: (a-c)

II. ALGEBRA

For reference and for systematic study, a basic library should contain general treatments of abstract algebra at successive levels (2.15, 2.7, 2.2, 2.4, 2.9). Because of the tremendous importance of the basic structures, models, and tools of linear algebra, there should be introductions emphasizing linear transformations (2.11) and also emphasizing matrices (2.10). For the casual reader there should be attractive elementary approaches to modern algebra via special topics such as groups (2.16), rings (2.6), and other subjects (2.5). For the serious student there should be more advanced works in a few key special fields, e.g., group theory (2.17), linear algebra (2.12, 2.13), fields and galois theory (2.1). The uniquely useful book 2.3 provides for a transition from linear algebra towards the theory of Hilbert space. Connections between linear algebra and geometry deserve attention (2.14).


2.9 At least one of the following: (a-b)


2.10 At least one of the following: (a-e)


2.11 At least one of the following: (a-e)


2.12 At least one of the following: (a-d)


2.13 At least one of the following: (a-c)


2.14 At least one of the following: (a-c)


2.15 At least one of the following: (a-c)


2.15 b McCoy, Neal H. Introduction to Modern Algebra. Boston, Massachusetts, Allyn and Bacon, Inc., 1960, $10.60, text ed. $7.95.

2.16 At least one of the following: (a–b)


2.17 At least one of the following: (a–c)


III. ANALYSIS

Analysis covers a broad spectrum of mathematical disciplines. This section contains a selection of books which may serve to introduce the mathematics undergraduate to many of these disciplines.

In those areas in which undergraduate courses are usually offered, books of mathematical depth and sophistication are recommended. Thus, for advanced calculus, or what is rapidly being renamed real analysis, we list 3.25, 3.26 and 3.27; the last all contain elements of Lebesgue integration. In addition, we recommend the now classic 3.4, 3.6. Interesting and unusual presentations of material in this general area occur in 3.11 and 3.15a.

The elements of ordinary differential equations appear in 3.20. More advanced treatments are contained in 3.21 and 3.22; the former have excellent material on boundary value problems while the latter stress the geometrical and qualitative aspects of differential equations. An excellent problem source is 3.3.
Presentations of the theory of functions of a complex variable are to be found in 3.13, 3.23, and in 3.24. Introductions to topics in the theory of linear spaces and functional analysis are contained in 3.10, 3.15b, 3.16, among others. In 3.17 two distinct elementary treatments of generalized functions are listed. Finally, attention is called to the note on calculus books which is at the end of this section.


3.15 At least one of the following: (a-b)


3.16 At least one of the following: (a-b)


3.17 At least one of the following: (a-b)


3.18 At least one of the following: (a-b)


3.19 At least one of the following: (a-c)


3.20 At least one of the following: (a-f)


3.21 At least one of the following: (a-b)


3.22 At least one of the following: (a-c)


3.23 At least one of the following: (a-c)


3.24 At least one of the following: (a-d)


3.25 At least one of the following: (a-f)


3.26 At least one of the following: (a-d)


3.27 At least one of the following: (a-e)


3.28 At least one of the following: (a-d)


3.29 At least one of the following: (a-b)

3.29 b Garabedian, P. R. *Partial Differential Equations*. New York, J. Wiley and Sons, 1964, $14.00

3.30 At least one of the following: (a-b)


Two books on mathematical tables: one numerical, such as 3.31, and one functional, such as 3.32.


3.32 At least one of the following: (a-b)


The Library should also contain a selection of several calculus books to which students may refer for supplementary reading. These books should be chosen so as to describe a variety of approaches and motivations. It is felt that there should be at least one careful, detailed development such as is contained in any of the following (or similar works):

Begle, Edward G. *Introductory Calculus with Analytic Geometry.*


IV. APPLIED MATHEMATICS

Because of the increasing interaction between mathematics and the natural and social sciences, it is virtually impossible to list a definitive collection of library books in this area. We urge the student and the teacher, intent on following this interaction, to make use of materials already available in libraries under the science, social science and engineering listings. Nevertheless, we do recommend that the libraries contain certain books on the mathematical aspects of physical science and engineering. These are 4.5, 4.6, 4.7, 4.12, 4.15 and 4.18. Recent developments in applied mathematics which bear a close relationship to the developments in social sciences are 4.9, 4.23, 4.24, 4.27, 4.28 and 4.29.

Since mathematical methods form part of applied mathematics, we recommend a few of the many compilations of mathematical analysis methods such as those listed in 4.20 and 4.21. We note that 4.1 consists of a definitive study of problems of partial differential equations occurring in many applications of mathematics. Introductions to functional analytical methods useful in applied mathematics are listed in 4.14.

In the past decade or so, with the advent of high-speed computing machines, numerical analysis and some branches of algebra and logic have become an important area of applied mathematics. Numerical analysis books are listed in 4.2, 4.26, 4.18. The last (4.18) stresses algebraic aspects. Incidentally, the books on linear algebra contained in the algebra section of this report furnish material indispensable in the area of numerical analysis. Selection 4.17 contains introductions to computing machines—their modes of operation, programming techniques, computer logic and the use of algorithms.


4.14 At least one of the following: (a-b)


4.15 At least one of the following: (a-b)


4.15 b Synge, John L. and Schild, A. Tensor Calculus. Toronto, University of Toronto Press, 1949, $6.50.

4.16 At least one of the following: (a-c)


4.17 At least one of the following: (a-c)


4.18 At least one of the following: (a-d)


4.19 At least one of the following:  (a-b)


4.20 At least one of the following:  (a-c)


4.21 At least one of the following:  (a-c)


4.22 At least one of the following: (a–b)


4.23 At least one of the following: (a–c)


4.24 At least one of the following: (a–d)


4.25 At least one of the following: (a–b)


4.26 At least one of the following: (a–c)


4.27 At least one of the following: (a–c)


4.28 At least one of the following: (a–b)


4.29 At least one of the following: (a–c)


V. GEOMETRY-TOPOLOGY

The following thirty-eight books, of which a minimum of fifteen are to be selected, are intended to cover topics in geometry and topology. Besides general reading and introductory material on geometry as found in 5.3 and 5.5, various other topics such as projective geometry (5.4, 5.8), algebraic geometry (5.7), non-Euclidean geometry (5.10) and differential geometry (5.11) are represented. In addition to general and introductory material on topology (5.1, 5.3) increasing levels of sophistication in general topology (5.12, 5.13, 5.14) are mentioned as is algebraic topology (5.9).


5.5 At least one of the following: (a-b)

5.5 a Coxeter, H. S. M. Introduction to Geometry. New York, J. Wiley and Sons, 1961, $8.75.


5.6 At least one of the following: (a-c)


5.7 At least one of the following: (a-b)


5.8 At least one of the following: (a-c)


5.9 At least one of the following: (a-d)


5.10 At least one of the following: (a-b)


5.11 At least one of the following: (a-d)


5.12 At least one of the following: (a-f)


5.13 At least one of the following: (a-b)


5.14 At least one of the following: (a-b)


5.15 At least one of the following: (a-d)


VI. LOGIC, FOUNDATIONS AND SET THEORY.

Of the following twenty-three books on logic, foundations, and set theory, at least thirteen are to be selected. Besides historical and introductory material on set theory (6.1, 6.4, 6.8) this field is covered in increasingly sophisticated fashion in 6.8, 6.2 and 6.11. Foundational material is to be found in 6.5, 6.9 and 6.10, while logic is covered in increasing levels of sophistication in 6.6, 6.8, 6.7, 6.3, 6.12 and 6.13.


6.10 At least one of the following: (a-e)


29


6.10 e Landin, Joseph and Hamilton, N. T. *Set Theory; The Structure of Arithmetic*. Boston, Massachusetts, Allyn and Bacon, Inc., 1961, $10.35, text ed. $7.75.

6.11 At least one of the following: (a-b)


6.12 At least one of the following: (a-e)


6.13 At least one of the following: (a-b)


VII. PROBABILITY-STATISTICS

The first five books listed are authoritative reference books in this rapidly growing field. The remainder of the list consists of pairings of books, one book from each pair being sufficient in a minimum library. Probability is treated in increasing levels of sophistication in 7.6, 7.7, 7.2, 7.4, and 7.3, and statistics in the order 7.8, 7.9, 7.10, 7.5 and 7.1. Items 7.6 and 7.8 do not assume a knowledge of the calculus.


7.6 At least one of the following: (a-b)

7.6 b Goldberg, Samuel. *Probability: An Introduction*

7.7 At least one of the following: (a-b)


7.8 At least one of the following: (a-d)


7.8 b Mosteller, Frederick; Rourke, R.E.K. and Thomas, G. B. *Probability with Statistical Applications.* Reading, Massachusetts, Addison-Wesley Publishing Co., Inc., 1961, $8.75.


7.9 At least one of the following: (a-b)


7.10 At least one of the following: (a-b)


8.6 At least one of the following: (a-d)


8.7 At least two of the following: (a–g)


IX MISCELLANEOUS

Inevitably there are some books which a library needs, not because they neatly fit a category, but because they themselves have unique appeal or utility. The titles under Miscellaneous resist omission for miscellaneous reasons. A mathematics library is made more useful by the inclusion of collections of problems, more diverting because of the less technical or even whimsical insights of capable mathematicians and better suited for browsing if it is stocked with collections of mathematical fragments or synopses. The following two dozen volumes are an especially good investment because they are likely to wear out first!
<table>
<thead>
<tr>
<th></th>
<th>Title</th>
<th>Author(s)</th>
<th>Publisher/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.6</td>
<td>Higher Algebra</td>
<td>Hall, Henry S. and Knight, S. R.</td>
<td>New York, St. Martin's Press, 1932, $2.75; key $2.75.</td>
</tr>
</tbody>
</table>


9.22 At least one of the following: (a-c)


9.23 At least one of the following: (a-b)


FURTHER MATHEMATICAL MATERIALS

The value of a mathematical library is considerably enhanced by the inclusion of materials beyond those in the preceding basic list. Much of mathematical value can be found in general reference works, such as encyclopedias. In addition, it is recommended that the basic library be supplemented by items under the following headings.

JOURNALS

The American Mathematical Monthly. Buffalo, New York: The Mathematical Association of America, Inc., SUNY at Buffalo, ten issues per year; $6.00 per year for members of MAA; $10.00 for non-members.

Mathematical Gazette. London, England: G. Bell and Sons, Ltd., Mathematical Association, 21 shillings (about $2.95) per year; five issues per year.

Mathematics Magazine. Buffalo, New York: The Mathematical Association of America, Inc., SUNY at Buffalo, published bi-monthly except July and August, 2 years for $5.00 for members of MAA, $3.00 per year for nonmembers.

Scripta Mathematica. New York: Yeshiva University, $4.00 per year, published quarterly.


The Mathematics Teacher. Washington 36, D. C.: National Council of Teachers of Mathematics, 1201 Sixteenth Street, N. W., eight issues per year; $5.00 per year for members of NCTM; $7.00 per year for institutions.

SERIES

Series of excellent inexpensive books exist, whose inclusion in a library for undergraduates is suggested. Individual volumes in some of the following series are included in the basic list. In general, the following series are recommended, although, of course, individual volumes vary in quality and no endorsement of future volumes in any series is implied.
The Athena Series (Selected Topics in Mathematics), New York: Holt, Rinehart and Winston, Inc. This is a series of small books that forms excellent supplements to standard junior and senior level courses. Ten volumes have been issued, priced between $1.50 and $4.00.

Blaisdell Scientific Paperbacks, New York: Blaisdell Publishing Company. This is a series of six small pamphlets that are translations of the Russian series, "Popular Lectures in Mathematics," selling at $0.95 each.

The Carus Mathematical Monographs, Buffalo, New York: The Mathematical Association of America, Inc., SUNY at Buffalo. There are now fourteen volumes in this series selling at $4.00 each.

Library of Mathematics, London: Routledge and Kegan Paul. Available from the Free Press, New York. These are small paperback books covering a wide variety of topics at quite elementary levels. Some thirteen books have been published at a price of $1.25 each.

The MAA Studies in Mathematics, Buffalo, New York: The Mathematical Association of America, SUNY at Buffalo. These books sell for $4.00 each through Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

School Mathematics Study Group New Mathematical Library, New York: Random House, Inc. This is a series of monographs selling at $1.95 each.

University Mathematical Texts, New York: Interscience. This is a series of small books at the advanced undergraduate level.

Topics in Mathematics, D. C. Heath and Company, Boston, Massachusetts. This is a series of booklets translated and adapted from the Russian series, "Popular Lectures in Mathematics." These American editions have been prepared by the Survey of Recent East European Mathematical Literature at the University of Chicago under a grant from the National Science Foundation. These booklets provide students of mathematics at various levels, as well as other interested readers, with valuable supplementary material to further their mathematical knowledge and development.
The Slaught Memorial Papers. The Herbert Ellsworth Slaught Memorial Papers are a series of brief expository pamphlets published as supplements to the MONTHLY. When they are issued, copies are sent free of charge to all members of the Association and subscribers to the MONTHLY. Additional copies may be purchased from the Buffalo office at $1.25 each.

BOOKS IN FOREIGN LANGUAGES

We recommend that some books in foreign languages—especially French, German, and Russian—be included in the collection. The principal purpose of these books would be to provide an opportunity for the student to learn to read mathematics in the language rather than to provide additions to the mathematical content of the list. Thus, in some cases it is suggested that, where available, both the English translation and the foreign language original be provided (good examples are van der Waerden's Modern Algebra, and the Heath Series, Topics in Mathematics, in the preceding list).

There also should be included some books which do not exist in translation, such as Pólya and Szegö, Aufgaben und Lehrsätze aus der Analysis, or de la Vallée Poussin, Cours d'Analyse.
AUTHOR INDEX

ACKERMAN, W. - See Hilbert 6.3
AGNEW, Ralph Palmer. Differential Equations 3.20a
AHLFORS, Lars V. Complex Analysis 3.23a
AITKEN, Alexander C. Determinants and Matrices 2.10a
AKHIEZER, Naum I. Calculus of Variations 3.18a
ALEXANDROFF, P.S. An Introduction to the Theory of Groups 2.16a
BUSSENFELD, Preissler. Combinatorial Topology 5.9a
APOSTOL, Tom M. Mathematical Analysis 3.26a
ARDEH, B. W. An Introduction to Digital Computers 4.17a
ARIS, Rutherford. Discrete Dynamic Programming 4.23a
ARNOLD, Bradford Henry. Intuitive Concepts in Elementary Topology 5.1
ARTIN, Emil. Galois Theory 2.1
BAER, Reinhold. Linear Algebra and Projective Geometry 5.8a
BALL, Walter W. R. Mathematical Recreations and Essays 9.22a
BARTLE, Robert G. The Elements of Real Analysis 3.25a
BAUM, John D. Elements of Point Set Topology 5.12a
BEAUMONT, Ross A. and PIERCE, Richard S. Algebraic Foundations of Mathematics 9.1
BECKENBACH, E. E. and BELLMAN, R. Introduction to Inequalities 3.19a
BELL, Eric T. Development of Mathematics 1.1
BELLMAN, Richard E. - See Beckenbach 3.19a
BELLMAN, Richard E. and DREYFUS, Stuart E. Applied Dynamic Programming 4.23b
BERGE, Claude. The Theory of Graphs and Its Applications 4.29a
BIOT, M. A. - See von Karman 4.21c
BIRKHOF, Garrett and MAC LANE, Saunders. A Survey of Modern Algebra 2.2
BIRKHOF, Garrett and ROTA, Gian-Carlo. Ordinary Differential Equations 3.21a
BLISS, Gilbert A. Calculus of Variations 3.1
BLUMENTHAL, Leonard M. A Modern View of Geometry 9.2
BOAS, Ralph P. Jr. A Primer of Real Functions 3.2
BOLTYANSKII, V. B. - See Yaglom 5.6c
BOYD, Truman. - See McShane 3.27c
BRENNER, Joel Lee. Problems in Differential Equations 3.3
BRUN, Hugh Daniel. Introduction to Mathematical Statistics 7.10a
BUCK, R. C. Advanced Calculus 3.26b
BURKOFF, J. C. and CUNDY, H. M. Mathematical Scholarship Problems 9.3
BUSEMANN, Herbert and KELLY, Paul J. Projective Geometry and Projective Metrics 5.8b
BUSHAW, Donald Wayne. *Elements of General Topology* 5.12b

CANTOR, George. *Contributions to the Founding of the Theory of Transfinite Numbers* 6.1

CARATHÉODORY, C. *Theory of Functions of a Complex Variable* 3.24a

CHENTZOV, N. N. - See Shklarsky 9.24

CHURCH, Alonzo. *Introduction to Mathematical Logic* 6.13a

CODDINGTON, Earl A. *An Introduction to Ordinary Differential Equations* 3.20b


COGAN, Edward J. and NORMAN, R. Z. *Handbook of Calculus, Difference and Differential Equations* 3.31

COHEN, Leon W. and EHRlich, G. *The Structure of the Real Number System* 6.10a

COHN-VOSSEN, S. - See Hilbert 5.3

COLLAR, A. R. - See Frazer 4.18c

COPI, Irving Marmer. *Symbolic Logic* 6.12a

COURANT, R. *Differential and Integral Calculus* 3.4

COURANT, R. and HILBERT, D. *Methods of Mathematical Physics* 4.1

COURANT, R. and ROBBINS, H. *What is Mathematics?* 1.3

COX, D. R. and SMITH, W. L. *Queues* 4.27a

COXETER, H. S. M. *Introduction to Geometry* 5.5a

———. *Non-Euclidean Geometry* 5.10a

CRAIG, A. T. - See Hogg 7.9a


———. *The Elements of Probability Theory and Some of Its Applications* 7.7a

CROWELL, Richard Henry and FOX, Ralph H. *Introduction to Knot Theory* 5.15a

CUNDY, H. M. - See Burkill 9.3

CURTIS, C. *Linear Algebra: An Introductory Approach* 2.11a

DANTZIG, George B. *Linear Programming and Extensions* 4.24a

DANTZIG, Tobias. *Number, The Language of Science* 1.4

DEBRUNNER, Hans - See Hadwiger 5.6b

DICKSON, Leonard E. *History of the Theory of Numbers* 8.1

DIEUDONNÉ, Jean. *Foundations of Modern Analysis* 3.15a

DORFMAN, Robert; SAMUELSON, Paul A; SOLOW, Robert M. *Linear Programming and Economic Analysis* 4.28b

DREYFUS, Stuart E. - See Bellman 4.23b

DUNCAN, W. J. - See Frazer 4.18c

EGGLESTON, Harold G. *Problems of Euclidean Space: Applications of Convexity* 5.6a
EHRLICH, G. - See Cohen 6.10a
EMDE, F. - See Jahnke 3.32a
EPSTEIN, Bernard. Partial Differential Equations, An Introduction 3.29a
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FADDEEV, D. K. and FADDEEVA, V. N. Computational Methods in Linear Algebra 4.18a
FANO, Robert M. Transmission of Information 4.16a
FEFERMAN, Solomon. The Number Systems: Foundations of Algebra and Analysis 6.10b
FELLER, William. An Introduction to Probability Theory and Its Applications 7.2
FESHBACK, H. - Morse 4.20b
FINKBEINER, Daniel T. Introduction to Matrices and Linear Transformations 2.11b
FLANDERS, Harley. Differential Forms, With Applications to the Physical Sciences 3.5
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———. - See Kolmogorov 3.16a
FORD, L. R., Jr. and FULKERSON, D. R. Flows in Networks 4.29b
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GALE, David. The Theory of Linear Economic Models 4.28a
GALLER, Bernard A. The Language of Computers 4.17b
GANTMAKER, Feliks R. Theory of Matrices 2.13a
GARABEDIAN, P. R. Partial Differential Equations 3.29b
GARDNER, Martin. Scientific American Book of Mathematical Puzzles and Diversions 9.22b
GASS, Saul I. Linear Programming 4.24b
GELFAND, I. M. and FOMIN, S. V. Calculus of Variations 3.18b
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——— and KHINCHIN, A. I. An Elementary Introduction to the Theory of Probability 7.6a

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GOLDBERG, Samuel. *Probability: An Introduction* 7.6b
GOLDSTEIN, Herbert. *Classical Mechanics* 4.19a
GOLOMB, Michael and SHANKS, Merrill. *Elements of Ordinary Differential Equations* 3.20d
GRAVES, Lawrence M. *Theory of Functions of Real Variables* 3.27b
GRAYBILL, F. A. - See Mood 7.10b
GREEN, J. A. *Sequences and Series* 3.28a
GRIFFITH, B. A. - See Synge 4.19b
GUGGENHEIM, Heinrich W. *Differential Geometry* 5.11a

HADAMARD, Jacques. *Psychology of Invention in the Mathematical Field* 9.5
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