

The organization and support of scientific research and development in Mainland China

Yuan-li Wu , Robert B. Sheeks assisted by Lawrence J. Lau , Grace Wu under the direction and editorial supervision of Ralph J. Watkins
New York: Praeger, 1970
xxii, 592 p. ill. 24 cm
Praeger special studies in international economics and development
00216339 Q/180/Wu

On understanding science: an historical approach

by James B. Conant with a new foreword by the author
New York: New American Library, c1951
144 p. ill., diags. 18 cm
A Mentor book, M68
00217250 Q/181/Co

Science education in Japan

H. Huzimoto ... [et al.]
Tokyo: Printed by Kokusai Shuppan Insatsusha, 1937
iv, 152 p., [16] leaves of plates. ill., facsimils., ports. 23 cm
00274304 Q/181/Hu

Strumenti scientifici del museo di storia della scienza di Firenze: estratto da enciclopedia mondadori delle scienze

[diretta da Edgardo Macorini]
[S.]: A. Mondadori, c1968
1 v. (various pagings). col. ill. 29 cm
00233293 Q/185/Ma

Theory of distributions

by Claude Chevalley
[Chicago]: [K. Nomizu], [1952]
159 p. 22 cm
00216960 Q/273/Ch

Mathematics

Bernhard Riemann's gesammelte mathematische Werke und wissenschaftlicher Nachlass

herausgegeben unter Mitwirkung von Richard Dedekind von Heinrich Weber Nachträge, herausgegeben von M. Noether und W. Wirtinger
New York: Dover. c1953
x, 558, viii, 116 p. ill. 21 cm
2. Aufl. / bearbeitet von Heinrich Weber
00216396 QA/3/Ri

A source book in mathematics v. 1, v. 2

by David Eugene Smith
New York: Dover Publications, 1959
2 v. (xiii, 701 p.). ill., ports. 21 cm
Dover books on science, S552-553
00216571,00216572 QA/3/Sm 1

Essai sur la psychologie de l'invention dans le domaine mathématique

Jacques Hadamard traduit de l'anglais par Jacqueline Hadamard
Paris: A. Blanchard, 1959
134 p. 23 cm
00215786 QA/8/Ha

Les étapes de la philosophie mathématique

L. Brunschvicg
Paris: A. Blanchard, 1972
ix, 592 p. 23 cm
Nouv. tirage / augm. d'une préf. de M. Jean-Toussaint Desanti
00216216 QA/9/Br

A history of mathematics

Carl B. Boyer
New York: Wiley, c1968
xv, 717 p. ill., facsimils., ports. 23 cm
00181192 QA/21/Bo

Éléments d'histoire des mathématiques

Nicolas Bourbaki
Paris: Hermann, c1969
323 p. 22 cm
Histoire de la pensée, 4
2e éd. rev., corr., augm
00216256

QA/21/Bo

A history of mathematics

by Florian Cajori
New York: Macmillan, 1913, c1893
xiv, 422 p. ill. 21 cm
00217139

QA/21/Ca

Mathematical thought from ancient to modern times

Morris Kline
New York: Oxford University Press, 1972
xvii, 1238 p. ill. 24 cm
00181287

QA/21/Kl

The study of the history of mathematics, and The study of the history of science: two volumes bound as one

by George Sarton
New York: Dover Publications, 1957
112, 75 p. ill. 21 cm
00216590

QA/21/Sa

General survey of the history of elementary mathematics

by David Eugene Smith
New York: Dover Publications, 1958
xxii, 596 p. ill., maps, ports. 22 cm
History of mathematics / by David Eugene Smith, v. 1
Dover books on mathematics
00216965

QA/21/Sm 1

Special topics of elementary mathematics

by David Eugene Smith
New York: Dover Publications, 1958
xii, 725 p. ill. 22 cm
History of mathematics / by David Eugene Smith, v. 2
Dover books on mathematics
00216966

QA/21/Sm 2

The exact sciences in antiquity

by O. Neugebauer
New York: Harper & Brothers, 1962
vii, 240 p., 14 p. of plates. ill. 21 cm
Harper torchbooks., The science library TB552
1st Harper Torchbook ed
00233248

QA/22/Ne

Vorlesungen über die Entwicklung der Mathematik im 19. Jahrhundert

Felix Klein
New York: Chelsea, 1956
xiii, 385, x, 208 p. 21 cm
00181390

QA/26/Kl

Men of mathematics 1,2

E.T. Bell
Harmondsworth; Ringwood: Penguin, 1953
2 v. ill. 19 cm
Pelican books, A276, A277
00216969, 00216970

QA/28/Be

Monge: biographie

par Arago essai sur les travaux scientifiques de Monge, par Charles Dupin
[Paris]: Seghers, [1965]
191 p., [8] p. of plates. ill., ports. 16 cm
Savants du monde entier, 27
00216193

QA/29/Ar

Un savant méconnu, Gilles Personne de Roberval (1602-1675): son activité intellectuelle dans les domaines mathématique, physique, mécanique et philosophique

par Léon Auger
Paris: Librairie scientifique A. Blanchard, 1962
214 p. ill. 23 cm
00216267

QA/29/Au

Passages from the life of a philosopher

by Charles Babbage
London: Longman, Green, Longman, Roberts, & Green, 1864
xii, 496 p. ill. 20 cm
00180985

QA/29/Ba

La vie et l'œuvre de Clairaut (1713-1765)

par Pierre Brunet préface de René Taton
Paris: Presses universitaires de France, 1952
vii, 111 p. port. 25 cm
00229267 QA/29/Br

Jean d'Alembert, 1717-83

by Ronald Grimsley
Oxford: Clarendon Press, 1963
316 p. 23 cm
00180945 QA/29/Gr

Sophia Vasilyevna Kovalevskaya, her life and work

[by] P. Polubarinova-Kochina [translated from the Russian by P. Ludwick]
Moscow: Foreign Languages Pub. House, 1957
77 p. ill., port. 20 cm
Men of Russian science
00216431 QA/29/Ko

Леонард Эйлер: сборник статей в честь 250-летия со дня рождения, представленных Академии и наук СССР

под редакцией М.А. Лаврентьева, А.П. Юшкевича, А.Т. Григорьяна
Москва: Академии Наук СССР, 1958
606 p., [15] p. of plates. ill. (some col.), ports. 25 cm
00237230 QA/29/La

Hermann Minkowski Briefe an David Hilbert

Mit Beiträgen und herausgegeben von L. Rüdénberg und H. Zassenhaus
Berlin: Springer Verlag, 1973
165 p. ports. 24 cm
00215867 QA/29/Mi

La vie et les travaux du Baron Cauchy

C.-A. Valson réimpression augmentée d'une introduction par René Taton
Paris: A. Blanchard, 1970
2 v. in 1 (xxxvi, 290, xxiii, 178 p.). 23 cm
00233229 QA/29/Va

Ex-prodigy: my childhood and youth

by Norbert Wiener
Cambridge, Mass.: MIT Press, 1964, c1953
309 p. 21 cm
1st MIT Press pbk. ed
00216556 QA/29/Wi

I am a mathematician: the later life of a prodigy: an autobiographical account of the mature years and career of Norbert Wiener, and a continuation of the account of his childhood in Ex-prodigy

Cambridge, Mass: MIT Press, 1964
380 p. 21 cm
The M.I.T. Press paperback series, MIT 20
00216460 QA/29/Wi

The elements of Euclid

[edited by Isaac Todhunter introduction by Sir Thomas L. Heath]
London: Dent, 1933
xvii, 298 p. ill. 18 cm
Everyman's library, no. 891. Science
00217145 QA/31/Eu

Histoire & prestige de l'Académie des sciences, 1666-1966

Paris: Musée du conservatoire national des arts et métiers, [1967]
262 p. ill. 24 cm
00231858 QA/46/Ac

Charles Babbage and his calculating engines

selected writings by Charles Babbage and others edited and with an introduction by Philip Morrison and Emily Morrison
New York: Dover Pub., c1961
xxxviii, 400 p. 20 cm
00180921 QA/75/Ba

Moderne algebra T. 1

[B.L. van der Waerden]
[S.l.]: [s.n.], 1950
viii, 292 p. 21 cm
3. Aufl
00233198 QA/155/Wa 1

Moderne algebra 2

von B.L. van der Waerden unter benutzung von
vorlesungen von E. Artin und E. Noether
Leipzig: [s.n.], 1940
1 v. 21 cm
Grundlehren der mathematischen Wissenschaften,
Bd. 33-34
2. verb. Aufl
00233199 QA/155/Wa 2

Lattice theory

[Garrett Birkhoff]
New York: American Mathematical Society,
[1949]
xiii, 283 p. 22 cm
2nd ed
00233234 QA/171/Bi

**Die gruppentheoretische Methode in der
Quantenmechanik**

von B.L. van der Waerden
Berlin: J. Springer, 1932
viii, 157 p. ill. 21 cm
00229245 QA/171/Wa

**Quantum d'action et nombres transcen-
dants**

par L. Counson
Liège: Editions Desoer, 1938
91 p. ill. 24 cm
00231859 QA/247/Co

**Grundbegriffe der Wahrscheinlichkeit-
srechnung**

von A. Kolmogoroff
Berlin: Springer, 1933
62 p. 24 cm
Ergebnisse der Mathematik und ihrer
Grenzgebiete, Bd. 2, Heft 3
00216670 QA/273/Ko

Essai philosophique sur les probabilités 1

par Pierre-Simon Laplace
Paris: Gauthier-Villars, 1921
Iv. 18 cm
Les Maîtres de la pensée scientifique
00216108 QA/273/La

**Extrapolation, interpolation, and
smoothing of stationary time series:
with engineering applications**

by Norbert Wiener
[S.I.]: [s.n.], [1949?]
ix, 163 p. ill. 22 cm
00233252 QA/280/Wi

**The development of the foundations of
mathematical analysis from Euler to
Riemann**

[by] I. Grattan-Guinness
Cambridge, Mass.: MIT Press, c1970
xiii, 186 p. ill. 24 cm
00181220 QA/300/Gr

**The history of the calculus and its con-
ceptual development: the concepts of
the calculus**

by Carl B. Boyer with a foreword by Richard
Courant
New York: Dover, 1959
346 p. 21 cm
Dover books on advanced mathematics, S509
00217268 QA/303/Bo

Modern spectral theory

by Hidegorō Nakano
Tokyo: Maruzen Co., 1950
323 p. 22 cm
Tokyo mathematical book series, v. 2
00216956 QA/320/Na

Functional operators

by John von Neumann
Princeton: Princeton University Press, 1950
2 v. in 1 (261, 107 p.). 22 cm
00233268 QA/320/Ne

Théorie des opérations linéaires

par Stefan Banach
Warszawa: Z subwencji Funduszu kultury nar-
odowej, 1932
254 p. 21 cm
Monografie matematyczne. tom 1
00217124 QA/322/Ba

Les groupes de transformations linéaires dans l'espace de Hilbert

par Jean Delsarte
Paris: Gauthier-Villars, 1932
57 p. 26 cm
Mémorial des sciences mathématiques
fasc. 57
00233259

QA/322/De

Sur les espaces vectoriels topologiques : collection des mémoires de référence pour la théorie des distributions

par L. Schwartz
[S.l.]: [s.n.], [19--]
130 p. 21 cm
00231861

QA/322/Sc

Spektraldarstellung linearer Transformationen des Hilbertschen Raumes

Béla v. Sz.-Nagy
[S.l.]: [s.n.], [19--]
vi, 80 p. 21 cm
Ergebnisse der Mathematik und ihrer Grenzgebiete, Bd. 5
00233237

QA/322/Sz

Introduction to the theory of distributions

by Israel Halperin based on the lectures given by Laurent Schwartz
[S.l.]: [s.n.], [19--]
35 p. 21 cm
00216595

QA/324/Ha

Theory of functions of a real variable: (Teoria funkcij veshchestvennoy perezmennoy, chapters I to IX)

I.P. Natanson: [übersetzt unter Leitung von L. Kaloujnine]
Berlin: Deutsche Akademie der Wissenschaften zu Berlin, Forschungsinstitut für Mathematik, [1954]
478 p. 22 cm
00216597

QA/331/Na

The classical groups: their invariants and representations

by Hermann Weyl
Princeton, N.J.: Princeton University Press, 1939
xii, 302 p. 19 cm
00216563

QA/385/We

Theory of Lie groups 1

Claude Chevalley
[S.l.]: [s.n.], [19--]
viii, 217 p. 22 cm
00216959

QA/387/Ch

The analytical theory of heat

by Joseph Fourier translated, with notes, by Alexander Freeman
New York: Dover, 1955
xxiii, 466 p. 21 cm
Dover books on advanced mathematics
00216549

QA/403/Fo

Tensor analysis for physicists

by J.A. Schouten
Oxford: Clarendon Press, 1951
x, 275 p. ill. 24 cm
00216598

QA/433/Sc

The geometry of René Descartes: with a facsimile of the first edition, 1637

translated from the French and Latin by David Eugene Smith and Marcia L. Latham
New York: Dover Publications, c1954
xiii, 243 p. diags. 21 cm
00216570

QA/444/De

Solid geometry and conic sections: with appendices on transversals, and harmonic division, for the use of schools

by J.M. Wilson: Osaka, H. Yoshioka, 1891
vii, 156 p. ill. 18 cm
New ed
00233236

QA/457/Wi

Algebraische Kurven 1. T., 2. T.

von Eugen Beutel
Leipzig: G.J. Göschen, 1909-1911
2 v. ill. 16 cm
Sammlung Göschen, 435-436
00217158, 00217159

QA/565/Be

Topologie générale [v. 3.] ~ [v. 5.]

N. Bourbaki

[S.l.]: [s.n.], 1947-1949

3v. 21 cm

00216132,00216134,00216137 QA/611/Bo

Topologie générale chap. 1-2

N. Bourbaki

[S.l.]: [s.n.], [1951]

187 p. 21 cm

[2e ed.]

00217129 QA/611/Bo

Topologie générale [v. 2.] chapitre 3-4

N. Bourbaki

[S.l.]: [s.n.], 1951

158, 3 p. ill. 21 cm

2e ed

00233201 QA/611/Bo

Introduction to topology

by Solomon Lefschetz

[S.l.]: [s.n.], [19--]

viii, 218 p. ill. 22 cm

00233235 QA/611/Le

Topological groupsby L. Pontrjagin translated from the Russian by
Emma Lehmer

Princeton: Princeton University Press, 1939

ix, 299 p. 24 cm

Princeton mathematical series, 2

00216958 QA/611/Po

Lehrbuch der Topologie

von H. Seifert und W. Threlfall

[S.l.]: [s.n.], [1934]

vii, 353 p. ill. 21 cm

00216124 QA/611/Se

A history of mechanicsby René Dugas foreword by Louis de Broglie
translated into English by J. R. Maddox

London: Routledge & K. Paul, 1957, c1955

671 p. 23 cm

00180914 QA/802/Du

**Mechanics in the seventeenth century:
(from the scholastic antecedents to clas-
sical thought)**by René Dugas foreword by Louis de Broglie
translated by Freda Jacquot

Neuchâtel: Éditions du Griffon, c1958

612 p. ill. 23 cm

00215861 QA/802/Du

Эволюция механики в России

А.Т. Григорьян

Москва: Изд-во "Наука", 1967

166 p. ill., ports. 20 cm

Научно-популярная серия

00237236 QA/802/Gr

**Развитие механики в СССР,
1917-1967**

под редакцией А.Ю. Ишлинского

Москва: Наука, 1917-1967

365 p., [23] leaves of plates. ill., ports. 25 cm

Советская наука и техника за 50
лет: 1917-1967

00237470 QA/802/Is

**Die Mechanik in ihrer Entwicklung:
historisch-kritisch dargestellt**von Ernst Mach mit einem Anhang "das
Verhältnis der machschen Gedankenwelt zur
Relativitätstheorie" von Joseph Petzoldt

Leipzig: Brockhaus, 1921

xiv, 521 p. ill. 19 cm

8., mit der siebenten gleichlautende Aufl

00215996 QA/802/Ma

**Force in Newton's physics: the science of
dynamics in the seventeenth century**

[by] Richard S. Westfall

London: Macdonald and Co., 1971

xii, 579 p. ill. 24 cm

History of science library

00181018 QA/802/Wa

The background to Newton's Principia: a study of Newton's dynamical researches in the years 1664-84

by John Herivel

Oxford: At the Clarendon Press, 1965

xv, 337 p., 5 leaves of plates. ill., facsim. 25 cm
00180965

QA/803/He

The motion of bodies

Sir Isaac Newton translated into English by Andrew Motte in 1729 the translations revised, and supplied with an historical and explanatory appendix, by Florian Cajori

Berkeley, Calif.: University of California Press, 1962

xxxv, 396 p. ill. 21 cm

Sir Isaac Newton's Mathematical principles of natural philosophy and his System of the world, v. 1

00180929

QA/803/Ne

The System of the world

Sir Isaac Newton translated into English by Andrew Motte in 1729 the translations revised, and supplied with an historical and explanatory appendix, by Florian Cajori

Berkeley, Calif.: University of California Press, 1962

p. 397-680. ill. 21 cm

Sir Isaac Newton's Mathematical principles of natural philosophy and his System of the world, v. 2

00180930

QA/803/Ne

Traité de dynamique 1,2

par Jean d'Alembert

Paris: Gauthier-Villars, 1921

2 v. ill. 18 cm

Les Maîtres de la pensée scientifique

00217130,00217131

QA/804/A1

Mécanique analytique t. 1,t. 2

J.-L. Lagrange

Paris: A. Blanchard, 1965

2 v. 25 cm

Éd. complète

00215872,00215873

QA/804/La 1,2

Die Prinzipie, bei denen nicht Ausdrücke nach der Zeit integriert werden, welche Variationen der Koordinaten oder ihrer Ableitungen nach der Zeit enthalten

Leipzig: J.A. Barth, 1922

viii, 241 p. ill. 22 cm

Vorlesungen über die Prinzipie der Mechanik, 1. T.

00216651

QA/805/Bo

Die Wirkungsprinzipie: die Lagrangeschen Gleichungen und deren Anwendungen

von Ludwig Boltzmann

Leipzig: Verlag von Johann Ambrosius Barth, 1922

viii, 335 p. 22 cm

Vorlesungen über die Prinzipie der Mechanik, 2. T.

00216652

QA/805/Bo

Classical mechanics

H. C. Corben, Philip Stehle

New York: Wiley, c1960

xi, 389 p. 22 cm

2nd ed

00182161

QA/805/Co

Classical mechanics

by Herbert Goldstein

Reading, Mass.: Addison-Wesley, c1950

xii, 399 p. ill. 22 cm

Addison-Wesley physics books

Addison-Wesley world student series

00216551

QA/805/Go

The principles of mechanics: presented in a new form

Heinrich Hertz preface by H. von Helmholtz authorized English translation by D.E. Jones and J.T. Walley with a new introduction by Robert S. Cohen

New York: Dover Publications, 1956

[46], 271 p. 21 cm

Dover books on science, S317

00216385

QA/805/He

Treatise on natural philosophy pt. 1, pt. 2

by Lord Kelvin and Peter Guthrie Tait
Cambridge: At the University Press, 1912
2 v. ill. 23 cm
[1912 ed.]
00180808,00180809

QA/805/Ke

Механика

Л.Д. Ландау и Е.М. Лифшиц
Москва: Наука, Глав. ред. физико-математической лит-ры, 1965
203 p. 22 cm
Теоретическая физика, т. 1
Изд. 2-е, испр
00237270

QA/805/La

Механика

Л.Д. Ландау и Е.М. Лифшиц
Москва: Гос. изд-во физико-математической лит-ры, 1958
206 p. 23 cm
Теоретическая физика, т. 1
00237271

QA/805/La

Механика

Л.Д. Ландау и Е.М. Лифшиц
Москва: Наука, Глав. ред. физико-математической лит-ры, 1973
207 p. 22 cm
Теоретическая физика, т. 1
00237276

QA/805/La

Traité de dynamique, dans lequel les lois de l'équilibre

par M. d'Alembert
Bruxelles: Culture et Civilisation, 1967
xxvi, 186 p. ill. 23 cm
00215962

QA/845/A1

Leibniz et la dynamique: les textes de 1692

Pierre Costabel
Paris: Hermann, c1960
viii, 120 p. ill. 21 cm
Histoire de la pensée, 1
00216295

QA/845/Co

C.G.J. Jacobi's Vorlesungen über Dynamik

herausgegeben von A. Clebsch
New York: Chelsea, 1969
viii, 300 p. 23 cm
C.G.J. Jacobi's gesammelte Werke: herausgegeben auf Veranlassung der königlich preussischen Akademie der Wissenschaften / herausgegeben von K. Weierstrass, Supplementband 2., rev., Ausg
00216644

QA/845/Ja

A treatise on the analytical dynamics of particles and rigid bodies: with an introduction to the problem of three bodies

E.T. Whittaker
Cambridge: the University Press, 1927
xiv, 456 p. ill. 26 cm
3rd ed
00216550

QA/845/Wh

Matter and motion

by J. Clerk Maxwell notes and appendices by Sir Joseph Larmor
London: Sheldon Press, 1925
xv, 163 p. ill., port. 19 cm
00180840

QA/846/Ma

Баллистические исследования Леонарда Эйлера

А.П. Мандрыка под редакцией, Б. Н. Окунева
Москва: Академии наук СССР, 1958
183 p., [1] leaf of plates. ill. 23 cm
00237244

QA/862/Ma

Traité de l'équilibre et du mouvement des fluides: pour servir de suite au Traité de dynamique

par M. d'Alembert
Bruxelles: Culture et Civilisation, 1966
xxxii, 458 p., 10 leaves of plates. ill., figures. 24 cm
00216005

QA/901/A1

Essai d'une nouvelle théorie de la résistance des fluides

par M. d'Alembert
Bruxelles: Culture et Civilisation, 1966
xlvi, 212 p., 2 leaves of plates. ill. 24 cm
00215922

QA/911/A1

Anmerkungen zu Daniel Bernoulli's Hydrodynamica

von Karl Flierl

[München]: [Deutschen Museums für die Geschichte der Naturwissenschaften und der Technik], 1965

140 p. ill. 21 cm

Veröffentlichungen des Forschungsinstituts des Deutschen Museums für die Geschichte der Naturwissenschaften und der Technik, Reihe C Quellentexte und Übersetzungen Nr. 1b

00233278

QA/911/Be

Des Daniel Bernoulli Hydrodynamik: oder Kommentare über die Kräfte und Bewegungen der Flüssigkeiten, akademische Arbeit vom Autor während seines Wirkens zu Petersburg verfaßt

übersetzt und mit Anmerkungen versehen von Karl Flierl

[München]: [Deutschen Museums für die Geschichte der Naturwissenschaften und der Technik], 1965

x, 295 p., 10 p. of plates, ill. 21 cm

Veröffentlichungen des Forschungsinstituts des Deutschen Museums für die Geschichte der Naturwissenschaften und der Technik, Reihe C Quellentexte und Übersetzungen Nr. 1a

00233276

QA/911/Be

Hydrodynamics: a study in logic, fact, and similitude

by Garrett Birkhoff

New York: Dover, 1955, c1950

xiii, 186 p. ill. 21 cm

Dover books

00181064

QA/911/Bi

Theory of elasticity

by L.D. Landau and E.M. Lifshitz translated from the Russian by J.B. Sykes and W.H. Reid

[S.I.]: [s.n.], [19--]

viii, 134 p. 21 cm

Course of theoretical physics, v. 7

00231845

QA/931/La

Теория упругости

Л.Д. Ландау и Е.М. Лифшиц

Москва: Наука, Глав. ред. физико-математической лит-ры, 1965

202 p. ill. 23 cm

Теоретическая физика, т. 7

Изд. 3-е, испр. и доп

00216342

QA/931/La

A treatise on the mathematical theory of elasticity

by A.E.H. Love

New York: Dover, 1944

xviii, 643 p. ill. 24 cm

4th ed

00181055

QA/931/Lo

Vorlesungen über die Theorie der Elasticität der festen Körper und des Lichtäthers

gehalten an der Universität Königsberg von Franz Neumann herausgegeben von Oskar Emil Meyer

Leipzig: B.G. Teubner, 1885

xiii, 374 p. ill. 25 cm

Vorlesungen über mathematische Physik

00215762

QA/931/Ne