

西文数学书馆藏目录

1985—1986

(上)

南开数学研究所

一九八六年·天津

二822-6
3/1
7/1

说 明

- 一、本目录只反映数学所自采西文数学书目录，国外出版商直接给我们寄书，速度快，仅供各兄弟单位参考。
- 二、我们将按年度连续出版本目录，此次仅包括1985—1986年度采书目录，先后顺序按书名字母排列。
- 三、本目录由何文忠同志主持，由刘秀芳、张悦、曹艳同志共同完成。



南开数学所
1986 天津



GD 00654762

Table of classification scheme
and its content.

- 01 Mathematics
 - 01-0 Theories of mathematics
 - 01-64 Mathematical tables
 - 01-8 Calculating tools

 - 011 Classical mathematics
 - 012 Elementary mathematics
 - 0121 Arithmetic
 - 0123 Elementary geometry
 - 0124 Trigonometry

 - 013 Advanced mathematics

 - 014 Mathematical logic and foundation
 - 0141 Mathematical logic
 - 0142 Applied mathematical logic
 - 0143 Mathematical foundation
 - 0144 Set theory

 - 015 Algebra, theory of numbers and combinatorial theory
 - 0151 Theory of algebraic equations, linear algebra.
 - 0152 Group theory
 - 0153 Abstract algebra
 - 0154 Category theory, Homological algebra.
 - 0155 Differential algebra..

- 0156 Number theory
- 0157 Combinatorial theory
- 0158 Discrete mathematics
- 0159 Fuzzy mathematics

- 017 Mathematical analysis
- 0171 Analytical foundation
- 0172 Calculus
- 0173 Theory of infinite series
- 0174 Theory of functions
- 0175 Differential and integral equations
- 0176 Variational calculus
- 0177 Functional analysis
- 0178 Inequalities and others

- 018 Geometry and topology
- 0181 Foundation of geometry
- 0182 Analytical geometry
- 0183 Analysis of vector and tensor
- 0184 Non-Euclidean geometry
- 0185 Projective geometry, constructive geometry
- 0186 Differential and integral geometries
- 0187 Abstract algebraic geometry
- 0189 Topology

- 021 Probability , mathematical statistics
- 0211 Probability
- 0212 Mathematical statistics
- 0213 Applied statistical mathematics

- 022 Operations reseach
- 0221 Theory of programming
- 0224 Theory of mathematical Optimiztion
- 0225 Theory of game
- 0226 Theory of Queue
- 0227 Theory of storage
- 0229 Theory of dearch

- 023 Cybenetics and information theory
- 024 Computationalmathematics
- 029 Applical mathematics

- C
01-61
A134
002249m
Abbreviations of names of
Serials reviewed in Mathe-
matical Reviews. -- Providence
: American Mathematical Society,
1983.
35 p.
- 01-55
I471
v.1006
001124m
Abelian group theory :procee-
dings of the conference /edi-
ted by R. Gobel ...et al.--
Berlin: Springer- Verlag, 1983.
771 P.-- (Lecture notes in
mathematics ;1006)
- 01-55
A512
ser.2
v.107
002083m
Mishina , Anna Petrovna.
Abelian groups and modules.--
Providence : American Mathemati-
cal Society, 1976.
160P.-- (American Mathematical
Society translations. Series 2 ;
v.107)
I. Skornjakov, L.A.
- 0152.2
I271
001313m
Lang, Serge.
Abelian varieties.-- Berlin:
Springer-Verlag, 1983.
256 p.
- 0174.54
C748
000901m
Conforto, Fabio.
Abelsche Funktionen und
Algebraische Geometrie.--
Berlin :Springer- Verlag,
1956.
276 p.-- (Die Grundlehren
der mathematischen Wissens-
chaften ; Bd. 84)

- 0175.3 Gelman, I.W.
 G319 Abschätzungen für differentialoperatoren im halbraum.-- Basel : Birkhauser Verlag ,1982.
 002915m 221 P.--: \$20.33
 C.2
- 0175.3 Gelman, I. W. & Mazja ,W. G.
 G319 Abschätzungen für differentialoperatoren im halbraum. In deutscher Sprache herausgegeben von G.Wildenhain . --Basel :Birkhauser Verlag, 1982.
 002915m 221 p. (Mathematische Lehrbücher und monographien, Bd.54) :81.00
- 017 Nevanlinna ,F.
 N499 Absolute analysis / translated from the German by Phillipp Emig. --Berlin :Springer Verlag , 1973.
 000854m 270 p. --(Die Grundlehren der mathematischen Wissenschaften ;Bd.102)
- 0177.5 Hewitt, Edwin .
 H611 Abstract harmonic analysis ; V.2 :
 v.2 structure and analysis for compact groups analysis on locally compact abelian groups.-- Berlin :Springer- Verlag, 1970.
 001222m 771 p. -- (Die Grundlehren der
 C.3 mathematischen Wissenschaften ; Bd. 152)
 I.Ross, Kenneth A.

- TP3 Abstract software specifica-
 I471 tions :1979 copenhagen Winter
 V.86 school January 22 -February 2,
 1979 Proceedings / edited by
 D. Bjrner .-- Berlin :
 Springer -Veelag ,1980.
- 000331m 566 p. -- (Lecture notes in
 c.2 computer science ; 86)
- 024-55 Abstract spaces and approxi-
 I61 mation :proceedings of the
 v.10 conference held at the Mathema-
 tical Research Institute at
 Oberwolfach, Black Forest July 18
 18-27, 1969 / edited by P.L.
 Butzer & B. SzokefalviONagy .--
 Basel : Birkhauser Verlag ,1969.
- 002875m 423 p.-- (International series
 of numerical mathematics ;v.10)
 ISBN 3-7643-0194-5 :\$37.93
- TP312 Ledgard ,Henry F.
 I473E2 Ada, introduction .--
 2nd ed.--Berlin :Springer -
 Verlag ,1983.
- 001309m 135 p.
 c.2
- TP3 Ada software tools interfaces :
 I471 workshop ,bath , July 13-15,
 v.180 1983 proceedings / edited by
 peter J. L. Wallis .-- Berlin :
 Springer Verlag , 1984.
- 000225m 163 p. -- (Lecture notes in
 computer science ;180)

- TP3 Dehning , Waltraud .
 L471 The adaptation of virtual
 v.110 man ...computer interfaces to
 user requirements in dialogs.
 -- Berlin : Springer -Verlag ,1981.
- 000319m 142 p. -- (Lecture notes in
 computer science ; 110)
 I.Essig , Heidrun .
- 0156.4 Hua, L. K.
 H874 Additive theory of
 prime numbers .-- Providence :
 American Mathematical Society,
 c1965.
- 001808m 190 p.-- (Translations of
 mathematical monographs ;V.13)
- 0156.4 Ostmann ,Hans -Heinrich.
 085 Additive Zahlentheorie.
 T.1 --Berlin :Springer -Verlag.
 (Ergebnisse der Mathematik
 und ihrer Grenzgebiete ;Bd .7)
- 000633m Contents : T.1. Allgemeine
 Untersuchungen .1968. --233 p .
- 0156.4 Ostmann, Hans- Heinrich.
 085 Additive Zahlentheorie.
 T.2 --Berlin : Springer-Verlag.
 (Ergebnisse der Mathematik
 Und ihrer Grenzgebiete ; Bd.11)
 000642m Contents : T.2.Spezielle
 Zahlenmengen.1969.--136P.

- 01-55 Weil, A..
 0652 Adeles and Algebras
 v.23 Groups
 Boston : Birkhauser
 1982.
 002660m 126 P. \$6.73
 (Progress in Mathematics;
 v.23)
- 0144 Barwise, Jon.
 B296 Admissible sets and struc-
 ture : an approach to defini-
 bility theory.--Berlin :
 Springer-Verlag, 1975.
 001291m 394 P. --(Perspectives in mathematical logic)
- TP3 Advanced GREST Course on Com-
 L471 puter Integrated Manufac-
 v.168 turing (1983 : Karlsruhe)
 Methods and tools for com-
 puter integrated manufacturing
 / edited by U.Rembold & P.
 Dillmann. --Berlin : Springer-
 Verlag, 1984.
 000282m 528 P.--(Lecture notes in
 computer science ;168)
- F22 Pomby, Thomas B.
 F672 Advanced econometric
 methods. --Berlin : Springer-
 Verlag, 1984.
 001587m 624P.
 c.2 I. 111 R.Carter.
- 017 Beaks, Richard.
 B366 Advanced mathematical analysis :
 Periodic functions and distribu-
 tions, complex analysis, laplace
 transform and applications. --N.Y.
 Springer-Verlag, 1973,
 000186m 230 P. --(Graduate texts in
 mathematics ; V.12)

- 01 Morikawa, H.
 M856 Advanced studies in pure
 v.5 mathematics. V.5. Foliations:
 Proceedings of a Symposium
 held at University of Tokyo
 from July 14-18, 1983 /ed.
 by I Tamura Amsterdam, North-
 003192m Holland. 1985.
 481p.
 ISBN 0 444 87939 0
- 01 Morikawa, H.
 M856 Advanced studies in pure
 v.7 mathematics. v.7. Automorphic
 forms and Number Theory :
 Proceedings of a Symposium
 from November 7 until
 November 7-11, 1983/ Ed. bb I.
 003193m Satake Amsterdam, North-
 Holland 1985.
 386p.
 ISBN 0 444 87940 4
- 0175.2 Advances in hamiltonian
 A894 systems / editors, J.P.
 Aubin ... et al. --
 Boston : Birkhauser. 1983.
 002695m 195 p. -- (annals of the-
 CEREMADE)
 ISBN 3-7643-3130-5 :\$8.98
- 0211.4 Advances in probability
 A 244 theory : limit theorems
 & related problems /
 edited by A. A. Borovkov.
 -- N.Y. : Optimization
 Software, Inc., 1984.
 001543m 377 p. -- (Translation
 series in mathematics
 and engineering)

- 0174.51 Advances in the theory of
A244 riemann surfaces : proceedings of the 1969 stony
brook conference / edited by
Lars V. Ahlfors ... et al.--
Princeton : The Univ. Pr.,
1971.
- 001660m 420 p. -- (Annals of mathematics studies ;no. 66)
- 015 Hungerford, Thomas W.
H936 Algebra. --- N.Y. :Springer-
Verlag , 1974 .
502 p.
- 000150m
e.7
- 0153 Faith , Carl Clifton.
F174a Algebra I : rings ,modules,
V.1 and categories.-- Berlin :
Springer-Verlag, 1981.
571 p. -- (Grundlehren der
000022m mathematischen Wissenschaften;
C.12 190)
003123m
- 015 Van der Waerden , B.L.
V242 Algebra I. -- 8 . A ufl.--
T.1 Berlin : Springer -Verlag ,1971.
001067m 272 p. -- (Heidelberger
Taschenbueher ; Bd.12)
- 015 Van der Waerden , B.L.
V242 Algebra II. -- 15., Aufl.--
T.2 Berlin : Springer-Verlag,
1967.
001069m 300 p. -- (Heidelberger
Taschenbueher ; Bd .23)
- 0153.3 Faith , Carl Clifton , 1927-
F174 Algebra II ; ring theory.
V.2 -- Berlin : Springer -Verlag ,
1976.
000070m 302 p. -- (Grundlehren der
mathematischen Wissenschaften ;
191)

- 01-55 Roos, J.- E.
 L471 Algebra, Algebraic Topo-
 V.1183 logy and their Interactions
 Berlin : Springer
 1986.
 003155m 396 p. -- (Lecture Notes
 in Mathematics ; 1183)
- N94-53 AMS-Nasa-Nato Summer Seminar
 A528 on Algebraic and Geometric
 Methods in Linear Systems
 Theory, Harvard University,
 1979.
 Algebraic and geometric
 methods in linear systems theory
 /edited by Christopher I.
 Byrnes & Clyde F. Martin.--
 Providence : American Mathema-
 tical Society, 1980.
 002187m 327 P.--(Lectures in applied
 mathematics;v.18)
- 0189.2-53 Symposium in Pure Mathema-
 S989 tics, Stanford Universi
 1976.
 Algebraic and geometric
 topology.--Providence :
 American Mathematical Society,
 1978.
 001972m 412 P.-- (Proceedings of
 symposia in pure mathematics ;
 V.32 ; Pt.1)
- 0189.2-53 Symposium in Pure Mathema-
 S989 tics, Stanford University,
 1976.
 Algebraic and geometric
 topology.-- Providence :
 American Mathematical Society
 1978.
 001973m 322 P.--(Proceedings of
 symposia in pure mathematics ;
 V.32 : Pt.2)

- 0186.1 Algebraic and differential topo-
R228 logy-global differential geome-
try / edited by George M. Rassias.
--Leipzig : BSB b.G. Teubner
Verlagsgesellschaft, 1984.
002612m 348 P.--(Teubner-Texte zur
429704 Mathematik ; Bd.70
- 01-55 Algebraic and geometric topo-
L471 logy : Proceedings of a
v.1126 conference / edited by A.
Ranicki ... et al.--
Berlin : Springer-Verlag,
1985.
001144m 423 P.--(Lecture notes in
Mathematics : 1126)
- 0188.1 Walker, Robert John.
W183 Algebraic curves.--
Berlin : Springer-Verlag,
1978.
000928m 201 P.
c.3
- 0187-53 Symposium in Pure Mathema-
S989 tics, Humboldt state
1974 University, 1974.
Algebraic geometry ;
Arcata 1974. --Providence :
American Mathematical Society,
1975.
002480m 642 P.--(Proceedings of
symposia in pure mathematics ;
v.29)
- 0187 Hartshorne, Robin.
H335 Algebraic geometry.--
Berlin : Springer-Verlag, 1977.
000557m 496 P.--(Graduate texts in
c.7 mathematics ; 52)

- 0187 Iitaka, Shigeru.
I25 Algebraic geometry : an
introduction to birational
geometry of algebraic varieties.
--Berlin : Springer-Verlag, 1982.
000187m 357 P.--(Graduate texts in
c.2 mathematics ;76)
- 0187 Mumford, David.
M962a Algebraic geometry I :
complex projective varieties.
--Berlin : Springer-Verlag,
1976.
000082m 186 P.--(Grundlehren der
c.2 mathematischen Wissenschaften ;
221)
- 0187 Coble, Arthur B.
C656 Algebraic geometry and
theta functions. --
Providence : American Ma-
thematical Society, 1961.
002225m 282 P.--(Colloquium
publications ; v.10)
- 01-55 Algebraic geometry sites
L471 (Barcelona) 1983 : pro-
v.1124 ceedings of a conference
/ edited by E. Casas-Alvero
...et al. --Berlin :
Springer-Verlag, 1985.
001142m 416 P.--(Lecture notes in
Mathematics ;1124)
- 0152.3-53 Algebraic groups and
A394 discontinuous subgroups
/edited by Armand Borel.
--Providence : American
Mathematical Society, 1966.
002497m 426 P.--(Proceedings of
Symposia in Pure mathema-
tics ; v.9)

0187.2-53 Algebraic groups and
A394a related topics : Pro-
ceedings of symposia
held in Kyoto from Sep.
5 Until Sep. 7, 1983 and
held in Nagoya from Oct.
11 until Oct. 14, 1983
/edited by R. Hotta.--
Amsterdam : North-
Holland Pub. Co., 1985.
000715m 543mP. --(Advanced
studies in pure mathe-
matics ; 6)

0151 Gindikin, S. G.
G492 Algebraic logic / S. G.
Gindikin ; translated by
Robert H. Silverman.--
N.Y. : Springer-Verlag, 1985.
003069m 356 P.
ISBN 0-387-96179-8

0177-53 Heinig, Georg, et al.
061 Algebraic methods for
v. 13 toeplitz-like matrices and
Operators / Georg Heinig
and Karla Rost. Basel,
Birkhauser. 1984
003178m 211 P.--(Operator Theory :
Advances and applications
vol. 13
ISBN 3-7643-1643-8 :
\$22.72

TP3 Guessarian, Irene, 1948-
L471 Algebraic semantics.--
v. 99 Berlin : Springer-Verlag,
1981.
000218m 158 P.--(Lecture notes
in computer science ; 99)

0187.1 Zariski, Oscar.
Z37 Algebraic surfaces.
--2nd suppl. edition.
--Berlin, Springer-
Verlag, 1971.
000608m 270 P.--(Ergebnisse
der Mathematik und ihrer
Grenzgebiete ; Bd. 61)

- 015 Mal'cev, A.I.
M242 Algebraic systems / translated from the Russian by B.D. Seckler & A.P. Doochovskoy.--Berlin : Springer-Verlag, 1973.
000883m 317 P. : ill.--(die Grundlagen der mathematischen Wissenschaften ; Bd.192)
- 015 Manes, E.G.
M274 Algebraic Theories
Berlin : Springer
1976.
003140m 356 P.DM44
(Graduate Texts in Mathematics;26)
- 0156.2 Weyl, Hermann.
W548 Algebraic theory of numbers.--Princeton : The Univ. Pr., c1940.
001708m 222 P. --(Annals of mathematics studies ; no.1)
- 0156.5 Knebusch, Manfred.
K68 Algebraic theory of quadratic forms.--Boston : Birkhauser, 1980.
002891m 44 P. -- : \$ 3.28
c.2
- 0152.7 Clifford, A.H.
C637 The algebraic theory of semigroups ; v.1 --
v.1 Providence : American Mathematical Society, c1961.
001954m 224 P.-- (Mathematical surveys ; no.7)