W1988 • 1月刊

New Foreign Books on Science and Technology

外国科学技术新书

INTERNATIONAL PUBLICATION NEWS FOR CHINA 国际出版简讯
Published By Book Promotion Services Ltd. (H.K.) 香港图书推广服务有限公司出版

88/1
一月

NOT FOR SALE
非賣品

OFFICIALLY ENDORSED BY CHINA NATIONAL PUBLICATIONS IMPORT & EXPORT CORPORATION
本刊经北京中国图书进出口总公司正式认可

New books in Electronics from Blackwell Scientific Publications

Microcomputers in Instrumentation and Control

S. A. MONEY **80W8801BBL01**

A practical guide to the operation and application of microprocessors in instrumentation and control. It discusses peripheral equipment and the development of both hardware and software for microcomputer based systems.

256 pages, illustrated hardback **£30.00**
0 00 383041 1

Micros in Process and Product Control

A. A. BERK **73W8801BBL02**

This book provides solid background information on control devices and their peripherals for anyone needing to use them in a project. It covers controllers themselves as well as common peripherals such as sensors and actuators. The explanation throughout is practical and example-based.
The book will be invaluable for mechanical, electrical, electronics or other engineers who need to use microelectronics in their industry.

224 pages, illustrated hardback **£20.00**
0 00 383296 1

Minis and Micros in Engineering and Manufacture

Edited by JOHN PARNABY **71W8801BBL03**

This book describes the principles of computer systems design and selection to help manufacturing engineers choose systems to meet the needs of the manufacturing strategy. Contributions from companies such as Lucas and Unilever which employ this technology help make the book a practical and relevant guide.

336 pages, hardback **£30.00**
0 00 383189 2

Manual of Avionics

An Introduction to the Electronics of Civil Aviation

BRIAN KENDAL **71W8801BBL04**

This book comprehensively covers the principles and operation of the electronic systems and radio navigation aids used in civil aviation.

296 pages, paperback **£17.50**
0 632 01863 1

Industrial Control Handbooks

D. A. PARR

Volume 1: Transducers **78W8801BBL05**

Transducers examines the various quantities that need to be measured in an industrial plant and the commercial devices that are available for this purpose. The book is practical in approach employing a minimum of mathematics. Applications are drawn from a range of industries.

288 pages, hardback **£25.00**
0 00 383097 7

Volume 2: Techniques **78W8801BBL06**

This second volume in the *Industrial Control Handbook* series concentrates on specialist topics of concern to engineers working in process control. Chapters include DC amplifiers, rotating machines, digital circuits, the use of computers in process control, hydraulics and pneumatics.

456 pages, hardback **£45.00**
0 632 01835 6

Modern Radar Techniques

Edited by M. J. B. SCANLAN **78W8801BBL07**

This book covers the most recent technical developments in radar. Specialist contributions from experts cover topics such as phased arrays, target characteristics, ECM and ECCM, Computer control, over-the-horizon radar and secondary surveillance radar.

304 pages, hardback **£35.00**
0 00 383190 6

Practical Microprocessor Interfacing

S. A. MONEY **80W8801BBL08**

This practical up-to-date treatment of the subject is designed for electronics engineers involved in designing systems incorporating microprocessors. Subjects examined include interface circuit arrangements, software aspects with basic machine code routines explained for the data transfer and some of the control functions.

256 pages, hardback **£20.00**
0 00 383329 1

BSP Professional Books
Blackwell Scientific Publications
Osney Mead Oxford OX2 OEL UK

51W8801HAP83

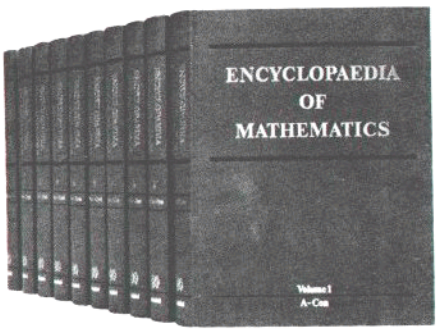
Encyclopaedia of Mathematics

An updated and annotated English edition of the classic Soviet reference work

VOLUME ONE NOW AVAILABLE!

The indispensable source of information for all those who use mathematics in their work...

This is undoubtedly the most comprehensive, up-to-date and authoritative mathematics encyclopaedia available today. Translated from the Russian, edited, annotated and updated by about 200 Western mathematicians, all specialists in their respective fields, the 10-volume *Encyclopaedia of Mathematics* contains nearly 7000 articles together with a wealth of complementary information. Explanations of differences in terminology are of historical interest and help to bridge the gap between Western and Soviet approaches to mathematics.



THE ENCYCLOPAEDIA OF MATHEMATICS WILL HELP YOU TO:

- √ **find the precise definition of a given concept**
- √ **look up and verify terminology**
- √ **find the precise statement of a theorem**
- √ **reach the information you need via AMS classification numbers and/or keywords phrases**
- √ **check the precise names of concepts and theorems**
- √ **find reference literature for a given field**
- √ **find out about applications of a concept and its links with other concepts**

Subscription Plan

Subscription price per volume
Dfl. 365.00 / £ 112.50

Write for your free brochure and sample pages today!

D. Reidel Publishing Company
A member of the Kluwer Academic Publishers Group

说　　明

本目录系中国图书进出口总公司委托香港图书推广服务有限公司代编的外国新书目录，本目录具有报导快、内容广、附有订购单，便于广大订户使用等特点，它是中国图书进出口总公司编的T、S、L三种目录的补充，在报导上有可能相互重复，请读者订购时注意查重、防重。

订购本目录中的图书和文献，手续十分简便，介绍如下：

1. 每一种图书、文献，均附一“图书订购单”，请逐项填写，注意字体端正，数字无误；
2. 请在订购单上加盖公章（盖章生效）；
3. 请把“图书订购单”按虚线剪下；

（甲）在北京的中央i 图书进出口总公司图书二部收订科办订。

地址：北京朝内大……戍44.0731-371

（乙）北京以外订户请交由所在省、自治区、直辖市和重庆、大连、青岛、厦门、汕头市外文书店进口科办订。

订购之原版图书，只需支付人民币，所需外汇由中国图书进出口总公司支付；书价及外币折合率均与中图总公司相同；付款时应以出版社开具发票的正式价格为准，本目录所示书价，只供读者选订时参考，这是因为本目录所示之书价系援引外国的出版社原目录之书价，而外国出版社的目录上均有

“All prices are subject to change without notice”

的说明，意即　　“书价变动不另通知”。

外国出版社出书时，会因故更改书名，致使到货书名与本目录之书名不符，但只要到货书之内容与目录所登之简介相符，中国图书进出口总公司不接受退货。

本目录所介绍的图书，随时可以订购，时间不限。

International Publication News For China

国 际 出 版 简 讯

Published by

Book Promotion Services Ltd.
Rm. 108 Federal Bldg.
369 Lockhart Road,
Wanchai,
Hong Kong.

Tel: 5-8339092
Fax: 5-729531
Telex: 89125 GZCOMP HX

香港图书推广服务有限公司
香港湾仔骆克道369号
国家大厦 108 室

电话：5-8339092
图文传真：5-729531
电传：89125 GZCOMP HX

此为试读,需要完整PDF请访问: www.ertongbook.com

《国际出版简讯》
赠阅申请表

请沿虚线剪下，寄回：香港图书推广服务有限公司
香港湾仔骆克道369号
国家大厦108室

从何处收得此出版简讯：☐ 中国图书进出口总公司
☐ 香港邮递
☐ 外文书店
☐ 其他 _____

_____

W 1/88目录收件日期：_____

- 为确定下期出版之《国际出版简讯》能依正确地址及依期投寄阁下，请重新填写详细收件地址，以便收录在本司计算机内。
- 如各单位需要索阅《国际出版简讯》，请照下表填上收件单位地址。

单位名称：..... 地址：.....	单位名称：..... 地址：..... .....
单位名称：..... 地址：.....	单位名称：..... 地址：..... .....

CONTENTS 目次

50 General Natural Science 自然科学总论 7

51 Mathematics 数学 9

53 Physics 物理学 19

54 Chemistry 化学 19

55 Astronomy 天文学，宇宙学 23

56 Earth Science 地球科学 27

61 Medical Science 医药卫生 35

65 Agriculture 农业科学技术 53

70 Environment 环境科学 55

71 General Engineering 技术科学总论 57

73 Electrical & Electronic Engineering 机电工程与电子技术 63

78 Machinery & Instrumentation 机械仪器工业 63

80 Computer Science 电脑科学技术 65

81 Chemical Industry 化学工业 73

86 Architecture 建筑工程 77

90 Space Science 空间科学 81

Scientific Literature 文献 83

General Natural Science 自然科学总论

50W8801BLM03 Longman 朗文

SCIENCE AND TECHNOLOGY IN THE USSR

苏联的科学和技术

数量 ☐

Edited by M.J. Berry

日期：_____

0-582-90053-0 **400pp** **£58.00** **1987 Dec.**

This general reference book on how Soviet science operates is written for businessmen and scientists who visit or have dealings with the USSR. It describes the Soviet organization, planning and administration of science and industrial research and development, and how it conducts its international scientific relations. Specialized chapters deal with agriculture, medicine, transport, space, electronics, defence, energy life sciences, marine sciences, and environmental sciences. Fully indexed.

中国图书进出口总公司 图书订购单 Longman

编号 50W8801BLM03

书名 SCIENCE AND TECHNOLOGY IN THE USSR 数量 ☐

苏联的科学和技术

作者 Edited by M.J. Berry

国际书号 0-582-90053-0 定价 £58.00 1987 Dec

订户号 _____ 订户名称 _____

（盖公章）

订单号 _____ 外文书店编号 _____

日期 _____ 外文书店代号 _____

50W8801BLM05 Longman 朗文

PACIFIC RESEARCH CENTRES - A directory of organisations in science, technology, agriculture & medicine 2nd edition

太平洋研究中心

科学、技术、农业和医学组织机构手册

第二版

数量 ☐

日期：_____

0-582-01608-8 **560pp** **£155.00** **1987 Dec.**

Compiled for scientists, engineers, technical administrators, marketing and technical directors, market researchers and conference organisers. Provides a unique guide for technical visitors to Australia, Brunei, Peoples Republic of China, Hong Kong, Indonesia, Japan, Korea, Malaysia, New Zealand, Papua New Guinea, Philippines, Singapore, Taiwan, Thailand, Vietnam and Japan. Gives senior laboratory personnel and carries a detailed subject index.

中国图书进出口总公司 图书订购单 Longman

编号 50W8801BLM05

书名 PACIFIC RESEARCH CENTRES - A directory of organisations in science, technology, agriculture & medicine 2nd edition

太平洋研究中心

科学、技术、农业和医学组织机构手册

第二版

数量 ☐

国际书号 0-582-01608-8 定价 £155.00 1987 Dec

订户号 _____ 订户名称 _____

（盖公章）

订单号 _____ 外文书店编号 _____

日期 _____ 外文书店代号 _____

50W8801BAN02 Allen & Unwin

YEAST BIOTECHNOLOGY

酵母的生物工艺学

数量 ☐

Edited by D.R. Berry , G.G. Stewart & I. Russell

日期：_____

0-04-574042-9 **512pp** **US$90.00** **1987 Nov.**

Yeast Biotechnology is the first book to provide a comprehensive analysis of techniques and processes fundamental to the manufacture of industrial products from yeast. Concentrating largely, but not exclusively, on Saccharomyces cerevisiae, the book deals with yeast biotechnology in both the traditional industries of brewing, distilling, and baking, and in the new industrial applications, such as fuel alcohol production and the genetic engineering of pharmaceutical products, which require the same techniques of handling, manipulation, and growth.

中国图书进出口总公司 图书订购单 Allen & Unwin

编号 50W8801BAN02

书名 YEAST BIOTECHNOLOGY

酵母的生物工艺学

数量 ☐

作者 Edited by D.R. Berry , G.G. Stewart & I. Russell

国际书号 0-04-574042-9 定价 US$90.00 1987 Nov.

订户号 _____ 订户名称 _____

（盖公章）

订单号 _____ 外文书店编号 _____

日期 _____ 外文书店代号 _____

50W8801AWS02 Blandford

LIVING SNAKES OF THE WORLD IN COLOUR

世界现存的蛇类（彩色版）

数量 ☐

by John M Mehrtens

日期：_____

0-8069-6460 **480pp** **£35.00** **1987 Nov.**

Every photograph - and there are over 540 of them - is in full colour. The authoritative text is totally up-to-date in technical information, nomenclature and classification-accessible to the professional. In this vast panorama of the snakes of the world, herpetologist John Mehrtens covers over 160 genera, 390 species and 456 subspecies, giving full information about habitat and range, natural history (including special features, appearance, colouring, length), behaviour, feeding, breeding and care.

中国图书进出口总公司 图书订购单 Blandford

编号 50W8801AWS02

书名 LIVING SNAKES OF THE WORLD IN COLOUR

世界现存的蛇类（彩色版）

数量 ☐

作者 by John M Mehrtens

国际书号 0-8069-6460 定价 £35.00 1987 Nov.

订户号 _____ 订户名称 _____

（盖公章）

订单号 _____ 外文书店编号 _____

日期 _____ 外文书店代号 _____

Longman

Longman

Allen & Unwin

Blandford

此为试读,需要完整PDF请访问: www.ertongbook.com

50W8801HAP24 Martinus Nijhoff

CHEMISTRY AND PHYSICS OF FRACTURE
Proceedings of the NATO Advanced Research Workshop Held in Bad Reichenhall, FRG, June 23-July 1, 1986
NATO Advanced Science Institutes Series: *E: Applied Sciences 130*
破裂的物理和化学（会议录）
北大西洋公约组织高级科学研究所丛书
E：应用科学 130
Edited by R.M. Latanision & R.H. Jones

数量 ☐

日期：_____

90-247-3580-7 734pp Dfl.295.00 1987

This workshop brought together experts from disciplines ranging from materials science and engineering, mechanics, chemistry, and physics to mathematics and atomic modelling. The first half of the meeting was directed toward the establishment of a common understanding of the interrelations among all of the disciplines represented above. The latter half of the ARW focused on workshop-style discussions.

中国图书进出口总公司 图书订购单 Martinus Nijhoff

编号 50W8801HAP24
书名 CHEMISTRY AND PHYSICS OF FRACTURE
Proceedings of the NATO Advanced Research Workshop Held in Bad Reichenhall, FRG, June 23-July 1, 1986
NATO Advanced Science Institutes Series: *E: Applied Sciences 130*
破裂的物理和化学（会议录）
北大西洋公约组织高级科学研究所丛书
E：应用科学 130
作者 Edited by R.M. Latanision & R.H. Jones
国际书号 90-247-3580-7 定价 Dfl.295.00 1987

数量 ☐

订户号 _____ 订户名称 _____
（盖公章）
订单号 _____ 外文书店编号 _____
日期 _____ 外文书店代号 _____

50W8801BLM07 Longman 朗文

DIRECTORY OF TECHNICAL AND SCIENTIFIC DIRECTORIES 5th Edition
科学和技术指南
第五版

数量 ☐

日期：_____

0-582-00602-3 280pp £85.00 1937 Dec.

This book lists the following types of publication: technical/scientific classifications, research centres books, registers of research, technical/scientific handbooks and data books, encyclopedias and technical dictionaries, technical information source books, museum listings, industry guides, technical company listings, patent information, country guides where technical content is high, and educational listings with substantial laboratory information. Pure list of members of societies and lists of specialist libraries are excluded.

中国图书进出口总公司 图书订购单 Longman

编号 50W8801BLM07
书名 DIRECTORY OF TECHNICAL AND SCIENTIFIC DIRECTORIES 5th Edition
科学和技术指南
第五版

数量 ☐

国际书号 0-582-00602-3 定价 £85.00 1987 Dec.

订户号 _____ 订户名称 _____
（盖公章）
订单号 _____ 外文书店编号 _____
日期 _____ 外文书店代号 _____

Mathematics 数学

51W8801ABB10 Plenum

POSSIBILITY THEORY
An Approach to Computerized Processing of Uncertainty
可能性理论
计算机处理不定性问题的一种方法

数量 ☐

日期：_____

by Didier Dubois & Henri Prade

0-306-42520-3 approx: 260pp US$47.40 1988 Feb.

This is an updated and expanded translation of the original French text published in 1985. It presents the fundamentals of possibility theory together with many applications (including sample computer programs) of this relatively new area which seeks to overcome many of the difficulties inherent in probability and measures theory.

中国图书进出口总公司 图书订购单 Plenum

编号 51W8801ABB10
书名 POSSIBILITY THEORY
An Approach to Computerized Processing of Uncertainty
可能性理论
计算机处理不定性问题的一种方法

数量 ☐

作者 by Didier Dubois & Henri Prade
国际书号 0-306-42520-3 定价 US$47.40 1988 Feb.

订户号 _____ 订户名称 _____
（盖公章）
订单号 _____ 外文书店编号 _____
日期 _____ 外文书店代号 _____

51W8801ABB03 Houghton Mifflin

INTERMEDIATE ALGEBRA: AN APPLIED APPROACH, Second Edition
中级代数：应用解题方法
第二版

数量 ☐

by Richard N. Aulmann & Vernon C. Barker 日期：_____

0-395-38095-2 640pp US$14.95 1987

This new paperbound edition retains the book's excellent program of learning aids that clarify the text presentation and make application of the mathematical concepts easy.
This edition features new chapter summaries, a new "calculators and computers" enrichment section at the end of each chapter, and new end-of-chapter cumulative review tests that provide additional testing of key skills.

中国图书进出口总公司 图书订购单 Houghton Mifflin

编号 51W8801ABB03
书名 INTERMEDIATE ALGEBRA: AN APPLIED APPROACH, Second Edition
中级代数：应用解题方法
第二版

数量 ☐

作者 by Richard N. Aulmann & Vernon C. Barker
国际书号 0-395-38095-2 定价 US$14.95 1987

订户号 _____ 订户名称 _____
（盖公章）
订单号 _____ 外文书店编号 _____
日期 _____ 外文书店代号 _____

Martinus Nijhoff

Longman

Plenum

Houghton Mifflin

51W8801HAP14 **D. Reidel**

ALGEBRAIC ANALYSIS

Mathematics and Its Applications -- *East European Series*

代数分析

数学及其应用东欧丛书

数量 ☐

by Danuta Przeworska-Rolewicz

日期：_____

90-277-2443-1 620pp Dfl.320.00 1988 March

This book constitutes an up-to-date look at the theory of right invertible operators in linear space (generally without topology) and several applications of the theory.
Various applications of this theory follow from the fact that ordinary differential operators, difference operators and some partial differential operators are right invertible.
The book will be of interest to researchers and students of algebraic analysis and foundations of mathematics.

中国图书进出口总公司 图书订购单 **D. Reidel**

编号 **51W8801HAP14**

书名 **ALGEBRAIC ANALYSIS**

Mathematics and Its Applications -- *East European Series*

代数分析

数学及其应用东欧丛书

数量 ☐

作者 by Danuta Przeworska-Rolewicz

国际书号 **90-277-2443-1** 定价 **Dfl.320.00** **1988 March**

订户号 _____ 订户名称 _____

（盖公章）

订单号 _____ 外文书店编号 _____

日期 _____ 外文书店代号 _____

51W8801HAP15 **D. Reidel**

THEORY OF SUBOPTIMAL DECISIONS

Decomposition and Aggregation

Mathematics and Its Applications -- *Soviet Series*

次最优决策理论

数学及其应用苏联丛书

数量 ☐

by A.A. Pervozvanskii
V. G. Gaitsgori

日期：_____

90-277-2401-6 400pp Dfl.210.00 1987 Dec.

By introducing a concept of suboptimality, the authors show that an essential simplification of the optimization process can be achieved with only a small loss in the objective value. In contrast to many such works, the strictly mathematical exposition in this book is accompanied by many practical applications, ranging from aggregation and decomposition in economics to problems of technical control. The authors have won the prestigious Andronov Prize for their work in the Soviet Union.

中国图书进出口总公司 图书订购单 **D. Reidel**

编号 **51W8801HAP15**

书名 **THEORY OF SUBOPTIMAL DECISIONS**

Decomposition and Aggregation

Mathematics and Its Applications -- *Soviet Series*

次最优决策理论

数学及其应用苏联丛书

数量 ☐

作者 by A.A. Pervozvanskii
V. G. Gaitsgori

国际书号 **90-277-2401-6** 定价 **Dfl.210.00** **1987 Dec.**

订户号 _____ 订户名称 _____

（盖公章）

订单号 _____ 外文书店编号 _____

日期 _____ 外文书店代号 _____

51W8801HAP16 **D. Reidel**

CLASSICAL PRINCIPLES AND OPTIMIZATION PROBLEMS

Mathematics and Its Applications -- *Soviet Series*

经典原理和最优问题

数学及其应用苏联丛书

数量 ☐

by B. S. Razumikhin

日期：_____

90-277-2605-1 532pp Dfl.270.00 1987

Classical Principles and Optimization Problems is devoted to the problems of mathematical programming and optimal control. Necessary material from mechanics and thermodynamics is presented in a form which will be accessible to a large number of readers. A significant portion of the book deals with methods and algorithms for the numerical solution of constrained optimization problems associated with classical principles of analytical mechanics and thermodynamics.

中国图书进出口总公司 图书订购单 **D. Reidel**

编号 **51W8801HAP16**

书名 **CLASSICAL PRINCIPLES AND OPTIMIZATION PROBLEMS**

Mathematics and Its Applications -- *Soviet Series*

经典原理和最优问题

数学及其应用苏联丛书

数量 ☐

作者 by B. S. Razumikhin

国际书号 **90-277-2605-1** 定价 **Dfl.270.00** **1987**

订户号 _____ 订户名称 _____

（盖公章）

订单号 _____ 外文书店编号 _____

日期 _____ 外文书店代号 _____

51W8801HAP20 **D. Reidel**

LATTICE-ORDERED GROUPS

An Introduction

Reidel Texts in the Mathematical Sciences 4

格序群导论

雷德尔数学教科书 4

数量 ☐

by Marlow Anderson & Todd Feil

日期：_____

90-277-2643-4 200pp Dfl.98.00 1988 Jan.

The reader will find here an up-to-date survey of the classical theory of lattice-ordered groups (l-groups). After an initial presentation of the necessary introductory material, the four main representation the orems for l-groups are given.
The text assumes only a graduate knowledge of algebra, analysis and point-set topology and is thus accessible to graduate students and mathematicians drawn from a wide range of disciplines.

中国图书进出口总公司 图书订购单 **D. Reidel**

编号 **51W8801HAP20**

书名 **LATTICE-ORDERED GROUPS**

An Introduction

Reidel Texts in the Mathematical Sciences 4

格序群导论

雷德尔数学教科书 4

数量 ☐

作者 by Marlow Anderson & Todd Feil

国际书号 **90-277-2643-4** 定价 **Dfl.98.00** **1988 Jan.**

订户号 _____ 订户名称 _____

（盖公章）

订单号 _____ 外文书店编号 _____

日期 _____ 外文书店代号 _____

D. Reidel

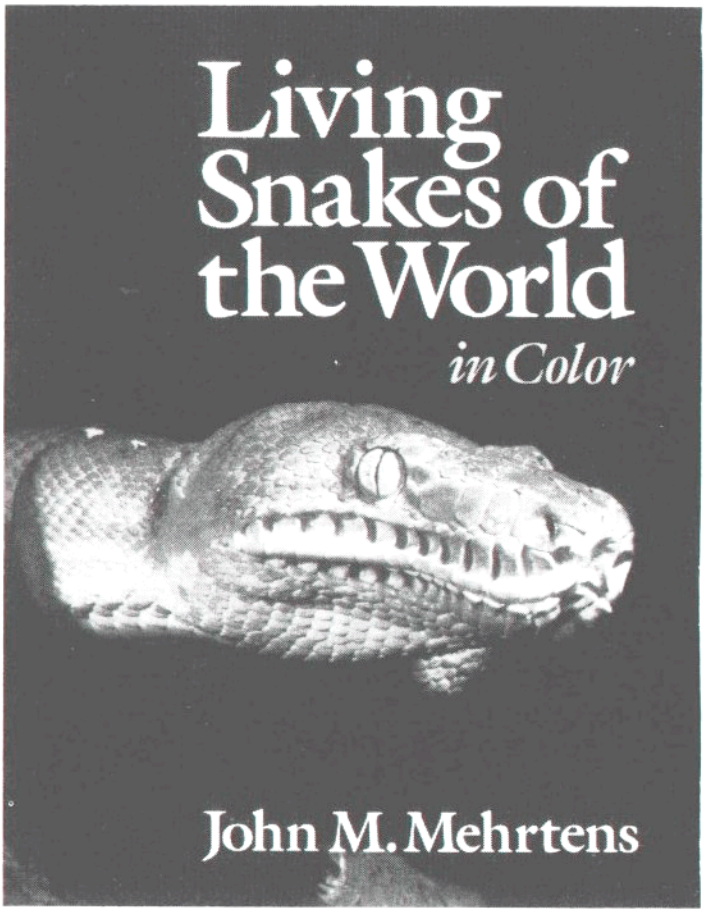
D. Reidel

D. Reidel

D. Reidel

LIVING SNAKES OF THE WORLD IN COLOUR

JOHN M MEHRTENS



Every photograph – and there are over 540 of them – is in full colour. The authoritative text is totally up-to-date in technical information, nomenclature and classification – accessible to the amateur as well as to the professional. And these are just a few of the features of a masterwork that will become the definitive reference in its field. In this vast panorama of the snakes of the world, herpetologist John Mehrtens covers over 160 genera, 390 species and 456 subspecies, giving full information about habitat and range, natural history (including special features, appearance, colouring, length), behaviour, feeding, breeding and care. Many of the extraordinary photographs are of rare snakes, seldom seen in other books and almost never in colour, and all are of living snakes, often in their natural habitat. Here are primitive snakes, colubrids and venomous snakes: boas, anacondas, pythons, ratsnakes and water snakes, kingsnakes and cobras, sea snakes and dozens of vipers, rattlesnakes, and more from every continent, jungle, desert and forest in the world. Special: glossary and 2 extensive indices.

1987 November 0-8069-6460 480 pages £35.00

Annals of Global Analysis and Geometry

Published by VEB and distributed in the Western Countries by D. Reidel Publishing Company

Editors
Th. Friedrich, *Humboldt University, Berlin, GDR;* **R. Sulanke,** *Humboldt University, Berlin, GDR*

The *Annals of Global Analysis and Geometry* is intended to contribute to an enlargement of the international exchange of research results in the fields of Global Analysis and Geometry. In particular, global problems of Geometry and Analysis as well as the interactions between these fields and their application to problems of Theoretical Physics will be the subject of emphasis.
The areas covered include: Global Analysis, Differential Geometry, Complex Manifolds and related results from Complex Analysis and Algebraic Geometry; Lie Groups, Lie Transformation Groups and Harmonic Analysis; applications of Differential Geometry and Global Analysis to problems of Theoretical Physics.

Subscription Information **ISSN** 0232–704X
1988, Volume 6 (3 issues)
Institutional rate: Dfl. 242.00/US$114.00 incl. postage/handling

Back Volume(s) Available:
Vols. 1–5

D. Reidel Publishing Company
A member of the Kluwer Academic Publishers Group

此为试读,需要完整PDF请访问: www.ertongbook.com