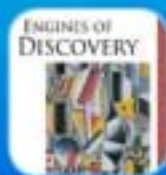


Connecting Great Minds

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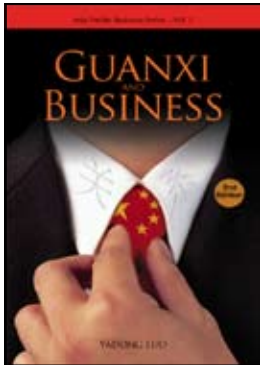
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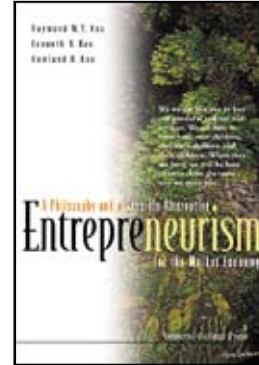


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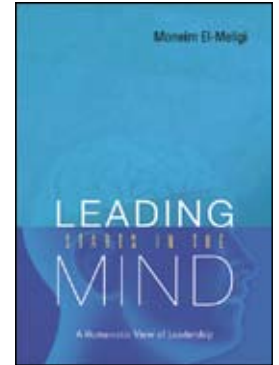
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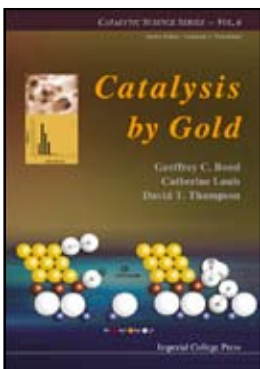


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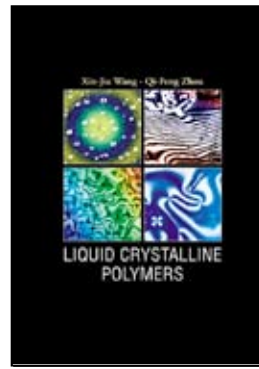


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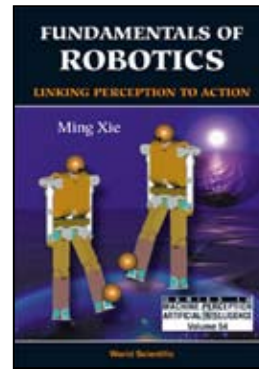


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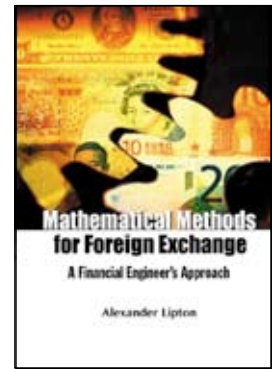


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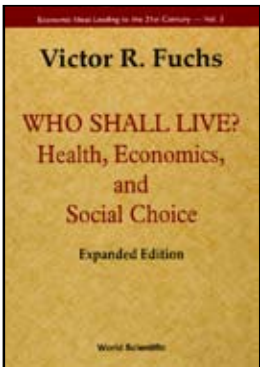
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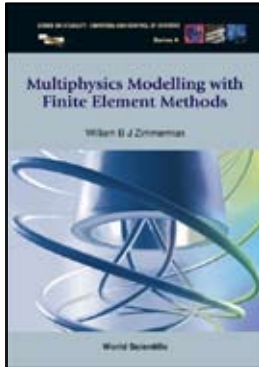


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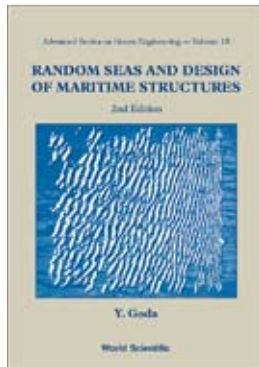


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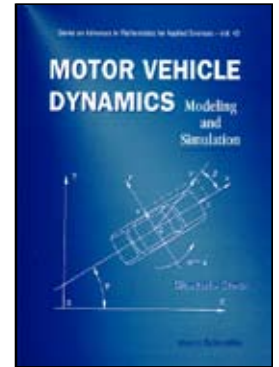
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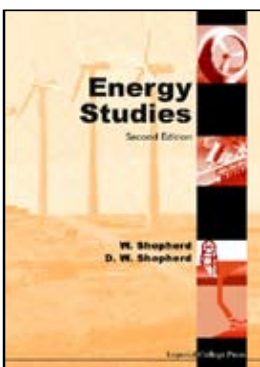


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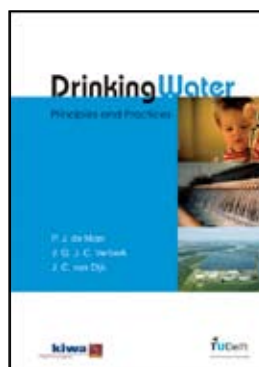


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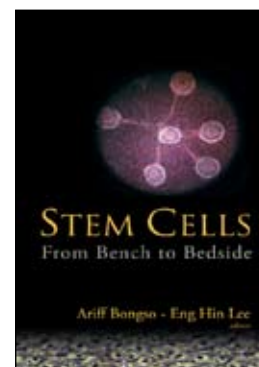
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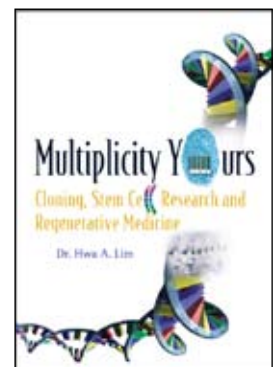
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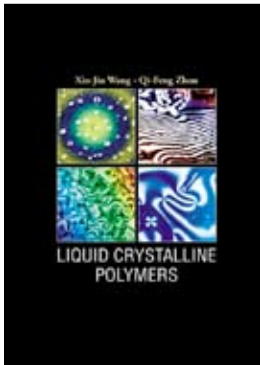
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# HIGHLIGHTS

## MATERIALS SCIENCE

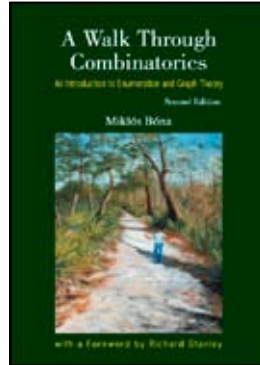
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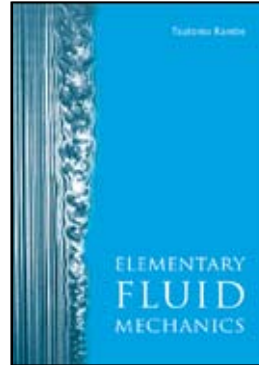
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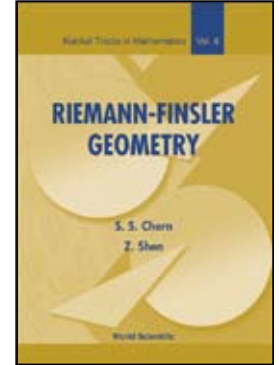
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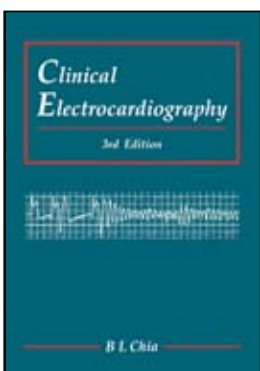


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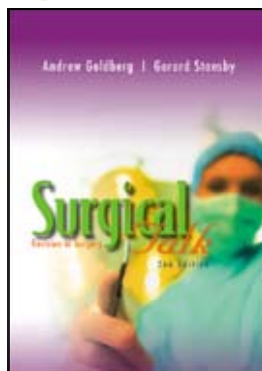


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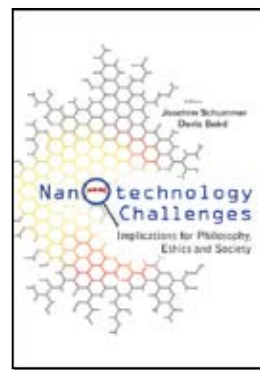
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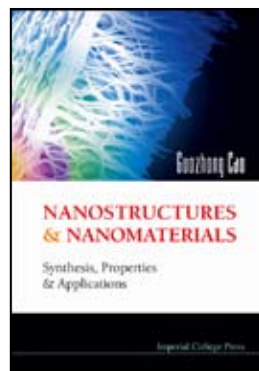
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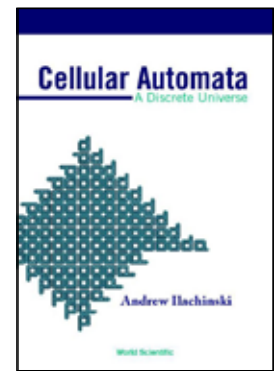
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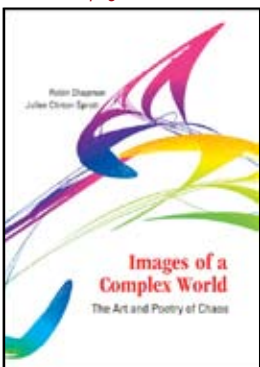


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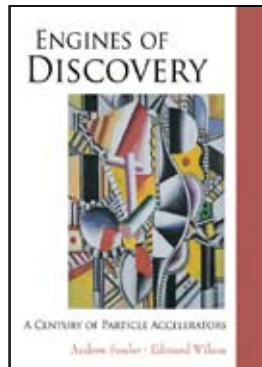


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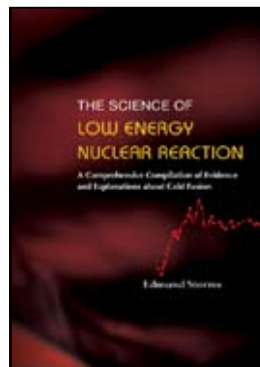
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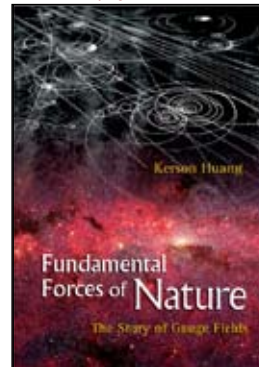
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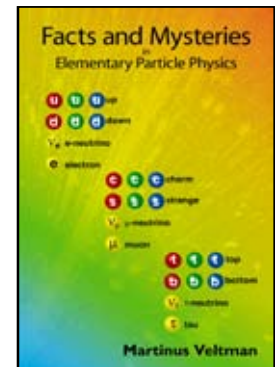
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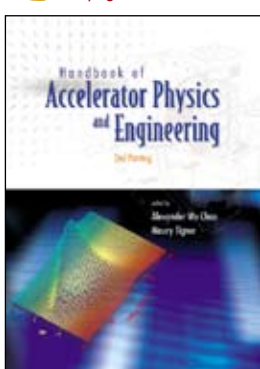
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## PHYSICS

## PHYSICS

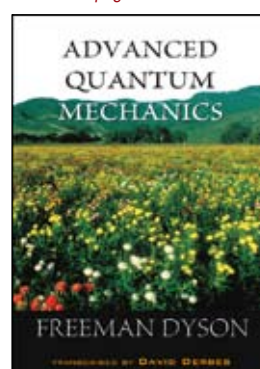
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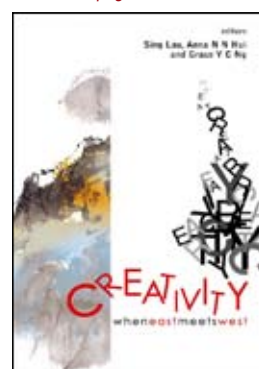
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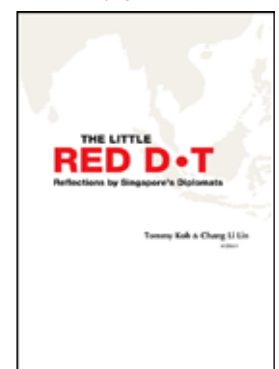
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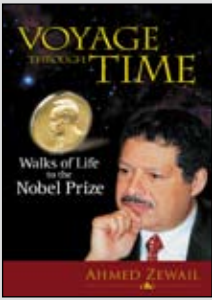
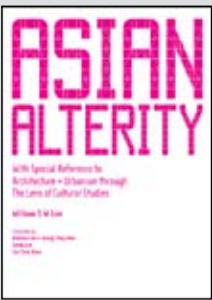
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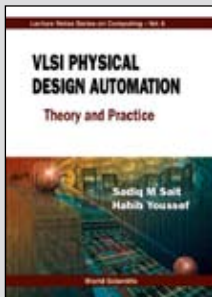
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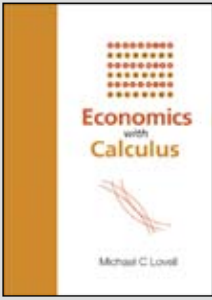
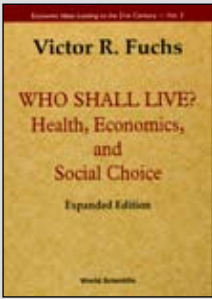
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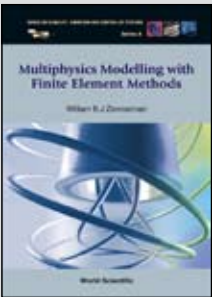
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PROBLEMS IN CHEMICAL THERMODYNAMICS, WITH SOLUTIONS	ALEKSISHVILI M & SIDAMONIDZE S	9789812380760	Nov-02	HC	38	26
<b>Solid State Chemistry</b>						
CHEMISTRY OF NANOSTRUCTURED MATERIALS, THE	YANG PEIDONG	9789812384058	Dec-03	HC	109	69
CHEMISTRY OF NANOSTRUCTURED MATERIALS, THE	YANG PEIDONG	9789812385659	Dec-03	SC	62	45


TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
<b>COMPUTER SCIENCE</b>						
<b>Artificial Intelligence / Machine Learning</b>						
	Adding the time dimension to real-world databases produces Time Series Databases (TSDB) and introduces new aspects and difficulties to data mining and knowledge discovery. This book covers the state-of-the-art methodology for mining time series databases. The novel data mining methods presented in the book include techniques for efficient segmentation, indexing, and classification of noisy and dynamic time series. A graph-based method for anomaly detection in time series is described and the book also studies the implications of a novel and potentially useful representation of time series as strings. The problem of detecting changes in data mining models that are induced from temporal databases is additionally discussed.					
DATA MINING IN TIME SERIES DATABASES	LAST MARK ET AL	9789812382900	Jun-04	HC	86	59
HANDBOOK OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING, VOL 1: FUNDAMENTALS	CHANG S K	9789810249731	Dec-01	HC	176	131
<b>Fuzzy Logic</b>						
FUZZY LOGIC FOR BEGINNERS	MUKAIDONO M	9789810245344	Feb-01	SC	18	12
FUZZY SETS, FUZZY LOGIC, APPLICATIONS	BOJADZIEV GEORGE & BOJADZIEV MARIA	9789810226060	Jan-96	SC	26	18
WAVELETS IN SOFT COMPUTING	THUILLARD M	9789810246099	Jun-01	HC	58	43
<b>Machine Perception / Computer Vision</b>						
DYNAMIC VISION: FROM IMAGES TO FACE RECOGNITION	PSARROU ALEXANDRA	9781860941818	May-00	HC	56	38
<b>Neural Networks / Networking</b>						
NEURAL NETWORKS FOR INTELLIGENT SIGNAL PROCESSING	ZAKNICH ANTHONY	9789812383051	Jan-03	HC	89	65
<b>Pattern Recognition</b>						
HANDBOOK OF PATTERN RECOGNITION AND COMPUTER VISION	CHEN C H ET AL	9789810211363	Aug-93	HC	184	134
HANDBOOK OF PATTERN RECOGNITION AND COMPUTER VISION (3RD EDITION)	CHEN C H & WANG PATRICK S P	9789812561053	Jan-05	HC	195	105
INTRODUCTION TO PATTERN RECOGNITION, STATISTICAL, STRUCTURAL, NEURAL AND FUZZY LOGIC APPROACHES	KANDEL A ET AL	9789810233129	Mar-99	HC	42	29
<b>Robotics</b>						
	Tomorrow's robots, which includes the humanoid robot, can perform task like tutoring children, working as tour guides, driving humans to and from work, do the family shopping etc. Tomorrow's robots will enhance lives in ways we never dreamed possible. No time to attend the decisive meeting on Asian strategy? Let your robot go for you and make the decisions. Not feeling well enough to go to the clinic? Let Dr Robot come to you, make a diagnosis, and get you the necessary medicine for treatment. No time to coach the soccer team this week? Let the robot do it for you.  This book will guide you, the curious beginner, from yesterday to tomorrow. The book will cover practical knowledge in understanding, developing, and using robots as versatile equipment to automate a variety of industrial processes or tasks. But, the book will also discuss the possibilities we can look forward to when we are capable of creating a vision-guided, learning machine.					
FUNDAMENTALS OF ROBOTICS: LINKING PERCEPTION TO ACTION	XIE MING	9789812383358	Apr-03	SC	65	47
<b>Software Engineering / Programming</b>						
SOFTWARE MAINTENANCE: CONCEPTS AND PRACTICE (SECOND EDITION)	GRUBB PENNY & TAKANG ARMSTRONG A	9789812384263	Jul-03	SC	52	36
SYSTEM SOFTWARE AND SOFTWARE SYSTEMS: SYSTEMS METHODOLOGY FOR SOFTWARE	RUS TEODOR ET AL	9789810212544	May-93	HC	51	35

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
<b>Theoretical Computer Science</b>						
ALGORITHMS: DESIGN TECHNIQUES AND ANALYSIS	ALSUWAIYEL M H	9789810237400	Aug-99	HC	97	61
GENERAL SYSTEMS THEORY: PROBLEMS, PERSPECTIVES, PRACTICE (2ND EDITION)	SKYTTNER LARS	9789812564672	Jan-06	SC	79	42
MATHEMATICAL LOGIC FOR COMPUTER SCIENCE	LU ZHONGWAN	9789971502515	Jul-89	HC	64	44
	<p><i>"This book will be a must reading for the next generation of CAD tool developers ... it should become a resource for any course on VLSI design."</i></p> <p style="text-align: right;"><b>Frederick Hill</b> University of Arizona</p> <p><i>"I found it well written. In my opinion it will better serve needs than any existing book on this subject ... I will use it as a text for the next year course."</i></p> <p style="text-align: right;"><b>Eugene Shragowitz</b> University of Minnesota</p>					
VLSI PHYSICAL DESIGN AUTOMATION: THEORY AND PRACTICE	SAIT SADIQ M & YOUSSEF HABIB	9789810238834	Oct-99	HC	86	54
<b>ECONOMICS AND FINANCE</b>						
<b>Asian Economies / International Economics</b>						
ACHIEVING SUSTAINABLE COMMUNITIES IN A GLOBAL ECONOMY: ALTERNATIVE PRIVATE STRATEGIES AND PUBLIC POLICIES	CHRISTY RALPH D	9789812388094	Aug-04	HC	68	50
CHINA'S EMERGING NEW ECONOMY: THE INTERNET AND E-COMMERCE	WONG J & NAH S L	9789810244958	Dec-00	SC	18	12
ECONOMIC GLOBALIZATION AND ASIA: ESSAYS ON FINANCE, TRADE AND TAXATION	RAJAN RAMKISHEN S	9789812383891	Dec-03	HC	49	35
INTERNATIONAL ECONOMICS: GLOBAL MARKETS AND COMPETITION (2ND EDITION)	THOMPSON HENRY	9789812563460	Apr-06	SC	55	32
JAPANESE ECONOMY, THE	SAITO MITSUO	9789810223892	Apr-00	HC	52	35
MADE BY TAIWAN: BOOMING IN THE INFORMATION TECHNOLOGY ERA	CHANG C Y & YU P L	9789810247799	Nov-01	HC	48	33
MANAGING GLOBALIZATION: LESSONS FROM CHINA AND INDIA	KELLY DAVID ANTHONY ET AL	9789812564948	Oct-06	SC	69	37
TERMS OF TRADE: GLOSSARY OF INTERNATIONAL ECONOMICS	DEARDORFF ALAN V	9789812566034	Jul-06	SC	35	19
<b>Computational Methods for Economics and Finance</b>						
BUSINESS AND FINANCIAL STATISTICS USING MINITAB 12 AND MICROSOFT EXCEL 97	LEE JOHN C	9789810238797	Jan-00	SC	38	26
BUSINESS APPLICATIONS OF NEURAL NETWORKS: THE STATE-OF-THE-ART OF REAL-WORLD APPLICATIONS	EDISBURY B ET AL	9789810240899	Aug-00	HC	51	35
COMPUTATIONAL FINANCE: A SCIENTIFIC PERSPECTIVE	LOS CORNELIS A	9789810244965	Dec-00	HC	68	46
DYNAMIC AND STOCHASTIC EFFICIENCY ANALYSIS	SENGUPTA J K	9789810242664	May-00	HC	78	53
MATHEMATICAL METHODS FOR FOREIGN EXCHANGE: A FINANCIAL ENGINEER'S APPROACH	LIPTON ALEXANDER	9789810246150	Oct-01	HC	90	67
MATHEMATICAL METHODS FOR FOREIGN EXCHANGE: A FINANCIAL ENGINEER'S APPROACH	LIPTON ALEXANDER	9789810248239	Oct-01	SC	58	43
STATISTICS FOR BUSINESS AND FINANCIAL ECONOMICS (2ND EDITION)	LEE CHENG F ET AL	9789810234850	Aug-99	HC	78	57

Bestselling Backlist 2009

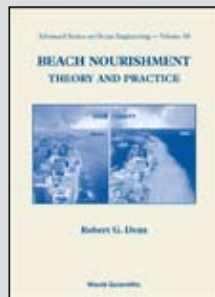
TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
<b>General Economics / Macroeconomics / Microeconomics</b>						
ECONOMICS OF INFORMATION TECHNOLOGY AND THE MEDIA	LOW LINDA	9789810238445	Jan-00	SC	28	19
	<p><i>"Mike Lovell has written the book we would all like to write for the students we would all like to teach. Organizing his introductory text around the calculus and optimization, Lovell achieves a streamlined presentation of essential concepts. This economy leaves room for numerous, carefully crafted applications. Lovell moves easily from classics, such as Edgeworth and Hotelling, to recent innovations, such as rational expectations. In the process he shows the introductory student the elegance and power of the handful of concepts that underpins much of our discipline. It will be a treat to teach from this text."</i></p> <p style="text-align: right;">C M Jones, Department of Economics Bowdoin College, USA</p> <p><i>"This is a very clever pedagogical treatment of economics, particularly at the university undergraduate level, but it might even serve as an interesting textbook in high school (secondary education level) teaching where calculus is now taught in advance of university level enrollment ... there is no doubt that this book will serve mathematically for beginning students very well, maybe convincing many that economics is their subject."</i></p> <p style="text-align: right;">Lawrence Klein, Nobel Laureate in Economics 1980 University of Pennsylvania</p>					
ECONOMICS WITH CALCULUS	LOVELL MICHAEL C	9789812388575	Aug-04	SC	65	39
FROM ADAM SMITH TO MICHAEL PORTER: EVOLUTION OF COMPETITIVENESS THEORY	CHO D S & MOON H-C	9789810246624	Oct-00	SC	34	23
<b>Health Economics</b>						
	<p>In this classic book, Professor Victor Fuchs draws on his deep understanding of the strengths and limitations of economics and his intimate knowledge of health care institutions to help readers understand the problems every nation faces in trying to allocate health resources efficiently and equitably. Six complementary papers dealing with national health insurance, poverty and health, and other policy issues, including his 1996 presidential address to the American Economic Association, accompany the original 1974 text.</p> <p>Health professionals, policy makers, social scientists, students and concerned citizens will all benefit from this highly readable, authoritative, and nuanced discussion of the difficult choices that lie ahead.</p>					
WHO SHALL LIVE? HEALTH, ECONOMICS, AND SOCIAL CHOICE (EXPANDED EDITION)	FUCHS VICTOR R	9789810241834	Apr-98	SC	28	18
<b>History of Economic Thought</b>						
BRIEF HISTORY OF ECONOMICS, A - ARTFUL APPROACHES TO THE DISMAL SCIENCE	CANTERBERY E RAY	9789810238490	Jun-01	SC	28	19
MAKING OF ECONOMICS, THE (4TH EDITION) - VOL I: THE FOUNDATION	CANTERBERY E RAY	9789812383259	Nov-03	SC	28	19
<b>Money and Banking / Corporate Finance / Investments</b>						
ALAN GREENSPAN: THE ORACLE BEHIND THE CURTAIN	CANTERBERY RAY E	9789812566065	Feb-06	HC	45	25
BARE ESSENTIALS OF INVESTING, THE: TEACHING THE HORSE TO TALK	BIERMAN, JR HAROLD	9789812705402	Jan-07	SC	20	12
CURRENCY OPTIONS AND EXCHANGE RATE ECONOMICS	CHEN Z H	9789810226190	Apr-98	HC	58	36
FROM CRISIS TO RECOVERY: EAST ASIA RISING AGAIN?	XU D Q ET AL	9789810244347	Aug-01	HC	68	46
IMF AND THE ASIAN FINANCIAL CRISIS, THE, ASIAN CRISIS THEMES, VOL 1	CHIN A ET AL	9789810236298	Oct-98	SC	14	9
ISLAMIC BANKING AND FINANCE IN SOUTH-EAST ASIA: ITS DEVELOPMENT AND FUTURE (2ND EDITION)	VENARDOS ANGELO M	9789812568885	Oct-06	SC	42	22
LECTURES ON CORPORATE FINANCE (2ND EDITION)	BOSSAERTS PETER ET AL	9789812568991	Oct-06	HC	55	29
NOBEL LECTURES IN ECONOMIC SCIENCES, VOL 1 (1969-1980)	LINDBECK A	9789810208332	Jun-92	HC	52	35
NOBEL LECTURES IN ECONOMIC SCIENCES, VOL 1 (1969-1980)	LINDBECK A	9789810208349	Jun-92	SC	26	18

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
NOBEL LECTURES IN ECONOMIC SCIENCES, VOL 2 (1981-1990)	MALER K-G	9789810208356	Sep-92	HC	44	30
NOBEL LECTURES IN ECONOMIC SCIENCES, VOL 3 (1991-1995): THE SVERIGES RIKSBANK (BANK OF SWEDEN) PRIZE	PERSSON T	9789810230609	Jul-97	SC	23	14
	<p><i>"... this document brings a wealth of practical information on how work is done in real world financial markets, and covers an impressive number of topics, ranging from management and computer system issues to research themes whose potential applications are yet to be explored. It can prove a useful tool to anyone already well acquainted with the basics of mathematical finance, including financial mathematicians, but also quantitative analysts wishing to learn more of the fundamentals without paying too high a price in mathematical prerequisites."</i></p> <p style="text-align: right;"><b>Mathematical Reviews</b></p>					
QUANTITATIVE FINANCE AND RISK MANAGEMENT: A PHYSICIST'S APPROACH	DASH JAN W	9789812387127	Jul-04	HC	109	79
SUCCESSFUL VALUE INVESTING IN ASIA: 10 TIMELESS PRINCIPLES BY TONY MEASOR	MEASOR TONY	9789812705631	May-07	SC	25	15
WEALTH WISDOM FOR EVERYONE: AN EASY-TO-USE GUIDE TO PERSONAL FINANCIAL PLANNING AND WEALTH CREATION	DANIELL MARK & SIXL-DANIELL KARIN	9789812568274	Apr-06	SC	37	19
<b>ENGINEERING / ACOUSTICS</b>						
<b>Aerospace Engineering</b>						
SPACECRAFT POWER TECHNOLOGIES	HYDER A K ET AL	9781860941177	Jan-00	HC	86	59
<b>Biomedical Engineering / Bioengineering</b>						
BIOMECHANICS AT MICRO- AND NANOSCALE LEVELS - VOLUME I	WADA HIROSHI	9789812560988	Jan-05	HC	67	35
DYNAMICS OF THE VASCULAR SYSTEM	LI JOHN K J	9789810249076	Feb-04	HC	59	45
ENGINEERING MATERIALS FOR BIOMEDICAL APPLICATIONS	TEOH SWEE HIN	9789812560612	Oct-04	HC	129	75
<b>Chemical Engineering</b>						
ADSORPTION ANALYSIS: EQUILIBRIA AND KINETICS (WITH CD CONTAINING COMPUTER MATLAB PROGRAMS)	DO DUONG D	9781860941375	Sep-98	SC	55	30
	<p><b>Contents:</b> Introduction to COMSOL Multiphysics; COMSOL Multiphysics and the Basics of Numerical Analysis; Analyzing Evolution Equations by the Finite Element Method; Multiphysics; Extended Multiphysics; Nonlinear Dynamics and Linear System Analysis; Changing Geometry: Continuation and Moving Boundaries; Coupling Variables Revisited: Inverse Problems, Line Integrals, Integral Equations, and Integro-Differential Equations; Modeling of Multi-Phase Flow Using the Level Set Method; Modeling of Free Surface Flow Problems with Phase Change — Three Phase Flows; Newtonian Flow in Grooved Microchannels; Electrokinetic Flow; Plasma Simulations via the Fokker–Planck Equation; Crevice Corrosion of Steel Under a Disbonded Coating; Numerical Simulation of a Magnetohydrodynamic DC Microdevice; Vector Calculus Fundamentals in COMSOL Multiphysics with MATLAB.</p>					
MULTIPHYSICS MODELING WITH FINITE ELEMENT METHODS	ZIMMERMAN WILLIAM B J	9789812568434	Oct-06	HC	79	45
PRINCIPLES OF BIOSEPARATIONS ENGINEERING	GHOSH RAJA	9789812568922	Oct-06	HC	55	29
<b>Civil Engineering</b>						
BRIDGE REHABILITATION	RADOMSKI WOJCIECH	9781860941221	Oct-02	HC	64	43
CONSTRUCTION TECHNOLOGY FOR TALL BUILDINGS (2ND EDITION)	CHEW Y L	9789810243388	Dec-00	SC	34	21
DESIGN OF MODERN HIGHRISE REINFORCED CONCRETE STRUCTURES	AOYAMA H	9781860942396	Dec-01	HC	86	58

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
EARTHQUAKE-RESISTANT DESIGN OF MASONRY BUILDINGS	TOMAZEVIC M	9781860940668	Jul-99	HC	56	35
MECHANICS OF SOLIDS AND STRUCTURES, THE	REES D W A	9781860942181	Apr-00	SC	60	41
PRACTICAL RAILWAY ENGINEERING (2ND EDITION)	BONNETT CLIFFORD FREDERICK	9781860945151	Jun-05	HC	55	32
RANDOM SEAS AND DESIGN OF MARITIME STRUCTURES (2ND EDITION)	GODA Y	9789810232566	Jul-00	HC	70	47
<b>Computer Engineering</b>						
AD HOC AND SENSOR NETWORKS: THEORY AND APPLICATIONS	CORDEIRO CARLOS DE MORAIS ET AL	9789812566829	Mar-06	SC	55	29
<b>Electrical and Electronic Engineering</b>						
FUNDAMENTALS OF SOLID STATE ELECTRONICS	SAH C T	9789810206383	Oct-91	SC	52	38
FUNDAMENTALS OF SOLID-STATE ELECTRONICS: SOLUTION MANUAL	SAH C T	9789810228811	Sep-96	SC	24	17
FUNDAMENTALS OF SOLID-STATE ELECTRONICS: STUDY GUIDE	SAH C T	9789810216238	Feb-94	SC	28	20
LIQUID GOLD: THE STORY OF LIQUID CRYSTAL DISPLAYS AND THE CREATION OF AN INDUSTRY	CASTELLANO JOSEPH A	9789812389565	Jan-05	HC	67	35
MIXED ANALOG-DIGITAL VLSI DEVICES AND TECHNOLOGY	TSIVIDIS Y	9789812381118	Aug-02	HC	58	39
MOSFET MODELING FOR CIRCUIT ANALYSIS AND DESIGN	GALUP-MONTORO CARLOS & SCHNEIDER MARCIO CHEREM	9789812568106	Feb-07	HC	78	45
MOSFET MODELING FOR VLSI SIMULATION: THEORY AND PRACTICE	ARORA NARAIN	9789812568625	Feb-07	HC	118	65
TOLERANCE DESIGN OF ELECTRONIC CIRCUITS	SPENCE R ET AL	9781860940408	Mar-97	HC	42	26
<b>Engineering Mechanics</b>						
NONLINEAR THEORY OF ELASTICITY: APPLICATIONS IN BIOMECHANICS	TABER LARRY A	9789812387356	Feb-04	HC	109	78
	<p><i>"This is a readable book. The presentation of the book is friendly, straightforward, and application oriented ... One of the unique features of the book is its emphasis on the computer implementation and coding of SPH method. Readers can easily learn from the examples illustrated in the book, write their own SPH codes, and test the validity of the numerical method. It may serve as a useful reference book in research and graduate study in computational engineering and science."</i></p> <p style="text-align: right;"><b>Computational Mechanics</b></p> <p><i>"Numerical simulations using the SPH method are a new area of research, and are still under development. These problems offer ample opportunities for researchers to develop more advanced methods as next generation numerical methods. The book can serve as a good start to efficiently learn, test, practise and develop such new methods."</i></p> <p style="text-align: right;"><b>Zentralblatt MATH</b></p>					
SMOOTHED PARTICLE HYDRODYNAMICS: A MESHFREE PARTICLE METHOD	LIU GUI RONG & LIU M B	9789812384560	Oct-03	HC	122	86
<b>General Engineering</b>						
ENGINEERING IN TIME: THE SYSTEMATICS OF ENGINEERING HISTORY AND ITS CONTEMPORARY CONTEXT	HARMS ARCHIE A ET AL	9781860944338	Jun-04	HC	69	49
CREATIVITY FOR ENGINEERS	DHILLON B S	9789812565297	Feb-06	HC	55	29
<b>Materials Engineering</b>						
CRYSTAL GROWTH FOR BEGINNERS: FUNDAMENTALS OF NUCLEATION, CRYSTAL GROWTH AND EPITAXY (2ND EDITION)	MARKOV IVAN V	9789812382450	Aug-03	HC	107	75
SMART TECHNOLOGIES	WORDEN K, BULLOUGH W A & HAYWOOD J	9789810247768	Apr-03	HC	89	65

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
<b>Mechanical Engineering</b>						
MOTOR VEHICLE DYNAMICS: MODELLING AND SIMULATION	GENTA GIANCARLO	9789810229115	Apr-97	HC	98	56
THEORY AND PRACTICE OF HYDRODYNAMICS AND VIBRATION, THE	CHAKRABARTI SUBRATA K	9789810249229	Nov-02	SC	46	34

**Ocean Engineering / Coastal Engineering**



*“Professor Dean has developed many theoretical, physically sound concepts for beach nourishment design and evaluation, which are easy to apply in practice. The merit of this book is that it collects all of his earlier work and puts it into a comprehensive perspective. The book is a must for nourishment designers and a starting point for coastal scientists interested in nourishment performance.”*

**Marcel J F Stive, Chair of Coastal Engineering  
Delft University of Technology**

*“The theoretical background to, and the resulting equations for, predicting such changes are well set out in the main text and various appendices. Taken together with the more specific information on sand beach recharge projects in the USA, this book is a useful addition to the literature on coastal engineering.”*

**A H Brampton, Technical Director  
Coastal and Seabed Group**

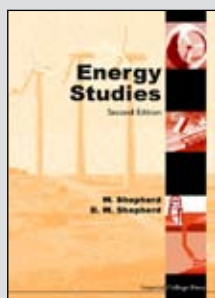
BEACH NOURISHMENT: THEORY AND PRACTICE	DEAN ROBERT G	9789810215484	Jan-03	SC	48	32
DYNAMICS OF COASTAL SYSTEMS	DRONKERS JOB	9789812563491	Aug-05	SC	67	35
DYNAMICS OF MARINE CRAFT, THE: MANEUVERING AND SEAKEEPING	LEWANDOWSKI EDWARD M	9789810247560	Jul-04	SC	55	38
INTRODUCTION TO NEARSHORE HYDRODYNAMICS	SVENDSEN IB A	9789812562043	Dec-05	SC	66	37
MECHANICS OF COASTAL SEDIMENT TRANSPORT	FREDSOE JORGEN & DEIGAARD ROLF	9789810208417	Nov-92	SC	32	23
MECHANICS OF SCOUR IN THE MARINE ENVIRONMENT, THE	SUMER B M & FREDSOE J	9789810249304	Apr-02	HC	82	60
NUMERICAL MODELING OF OCEAN DYNAMICS	KOWALIK Z ET AL	9789810213336	May-93	HC	78	57
OCEAN SURFACE WAVES: THEIR PHYSICS AND PREDICTION	MASSEL STANISLAW R	9789810221096	Feb-96	SC	42	29
PHYSICAL MODELS AND LABORATORY TECHNIQUES IN COASTAL ENGINEERING	HUGHES S A	9789810215415	Nov-93	SC	51	35
THEORY AND APPLICATIONS OF OCEAN SURFACE WAVES: PART 1: LINEAR ASPECTS; PART 2: NONLINEAR ASPECTS	MEI CHIANG C ET AL	9789812388940	Jul-05	SC_SET	99	56
WATER WAVE MECHANICS FOR ENGINEERS AND SCIENTISTS	DALRYMPLE ROBERT A ET AL	9789810204211	Jan-91	SC	32	23
WATER WAVE PROPAGATION OVER UNEVEN BOTTOMS (IN 2 PARTS)	DINGEMANS M W	9789810204273	Jan-97	SC_SET	128	79
WAVES AND WAVE FORCES ON COASTAL AND OCEAN STRUCTURES	HUDSPETH ROBERT T	9789812386120	Apr-06	HC	158	96

**Systems Engineering**

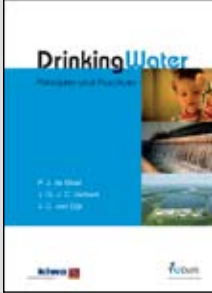
SYSTEMS FOR ALL	KAPOSI A & MYERS M	9781860942754	Jun-01	SC	32	22
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**ENVIRONMENTAL SCIENCE**

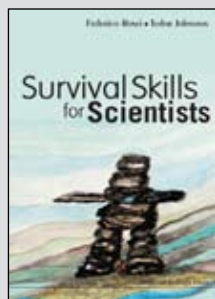
**Energy Studies / Research**



How is the future world energy demand to be met? The rates of use of the fossil fuels — coal, oil and natural gas — are increasing all over the world. The remaining stocks are finite and are not renewable. This important book considers the various options of renewable energy, including water energy, wind energy and biomass, solar thermal and solar photovoltaic energy. And should the nuclear option remain open? The book examines the environmental implications and economic viability of all fossil and renewable sources, introduces more distant future options of geothermal energy and nuclear fusion, and discusses a near-future energy strategy.

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
ENERGY STUDIES (2ND EDITION)	SHEPHERD WILLIAM & SHEPHERD DAVID	9781860943225	Feb-04	HC	72	52
HANDBOOK OF SOLID STATE BATTERIES AND CAPACITORS	MUNSHI M Z A ET AL	9789810217945	May-95	HC	177	129
NUCLEAR POWER, ENERGY AND THE ENVIRONMENT	HODGSON P E	9781860941016	Mar-99	SC	29	18
<b>Environmental Management and Planning</b>						
SUSTAINABILITY AND CITIES: CONCEPT AND ASSESSMENT	OOI GIOK LING	9789812562852	Aug-05	SC	35	19
<b>Hydrology</b>						
RAINFALL-RUNOFF MODELLING IN GAUGED AND UNGAUGED CATCHMENTS	WAGENER THORSTEN, WHEATER HOWARD S & GUPTA HOSHIN V	9781860944666	Sep-04	HC	78	46
<b>Oceanography</b>						
BEYOND THE MOON: A CONVERSATIONAL, COMMON SENSE GUIDE TO UNDERSTANDING THE TIDES	MCCULLY JAMES GREIG	9789812566430	Jan-06	HC	85	47
BEYOND THE MOON: A CONVERSATIONAL, COMMON SENSE GUIDE TO UNDERSTANDING THE TIDES	MCCULLY JAMES GREIG	9789812566447	Jan-06	SC	45	25
NUMERICAL OCEAN CIRCULATION MODELING	HAIKVOGEL D B ET AL	9781860941146	Apr-99	HC	83	52
<b>Pollution</b>						
AIR POLLUTION IMPACTS ON CROPS AND FORESTS: A GLOBAL ASSESSMENT	EMBERSON LISA ET AL	9781860942921	Dec-03	HC	107	75
<b>Water Management</b>						
	<b>Key Features</b> <ul style="list-style-type: none"> <li>• The best illustrated textbook on water supply, written by internationally recognized experts</li> <li>• 10 separate modules for tailor-made courses and self-education, complete with questions and answers</li> <li>• Drinking water production schemes and processes for groundwater and surface water</li> <li>• Backgrounds on water quality, water consumption and water distribution</li> <li>• Backgrounds on legislation, finance, design and planning</li> <li>• Inside information on the Dutch drinking water model</li> <li>• Lecture notes from a leading technical university on drinking water supply</li> </ul>					
DRINKING WATER: PRINCIPLES AND PRACTICES	DE MOEL PETER J ET AL	9789812568366	Nov-06	HC	76	45
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NEURAL NETWORKS: COMPUTERS WITH INTUITION	S BRUNAK, B LAUTRUP	9789971509385	May-90	HC	42	29
NEURAL NETWORKS: COMPUTERS WITH INTUITION	S BRUNAK, B LAUTRUP	9789971509392	May-90	SC	19	13

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
NEW GLOBAL THREAT, THE: SEVERE ACUTE RESPIRATORY SYNDROME AND ITS IMPACTS	KOH TOMMY, PLANT AILEEN & LEE ENG HIN	9789812386687	Oct-03	SC	22	15
NOBEL PRIZE: THE FIRST 100 YEARS, THE	LEVINOVITZ A W & RINGERTZ N	9789810246648	Aug-01	HC	65	48
NOBEL PRIZE: THE FIRST 100 YEARS, THE	LEVINOVITZ A W & RINGERTZ N	9789810246655	Aug-01	SC	31	23
OUTLINE OF SCIENTIFIC WRITING, AN, FOR RESEARCHERS WITH ENGLISH AS A FOREIGN LANGUAGE	YANG J T	9789810224660	Dec-95	SC	18	12
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SCIENTIFIC WRITING: A READER AND WRITER'S GUIDE	LEBRUN JEAN-LUC	9789812701442	Apr-07	SC	39	19
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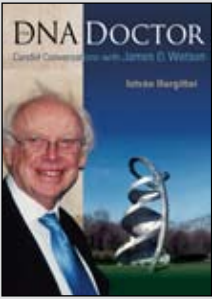
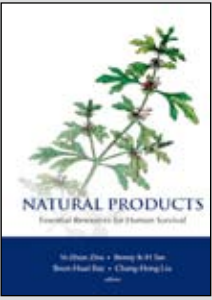
## HISTORY OF SCIENCE

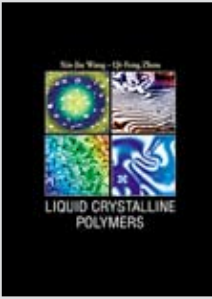
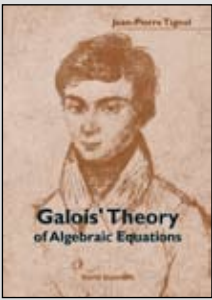
HISTORY OF IMPERIAL COLLEGE LONDON, 1907-2007, THE: HIGHER EDUCATION AND RESEARCH IN SCIENCE, TECHNOLOGY AND MEDICINE	GAY HANNAH	9781860947094	Feb-07	SC	58	35
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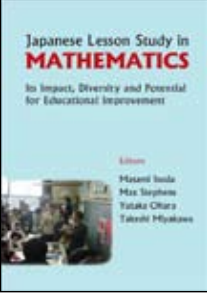
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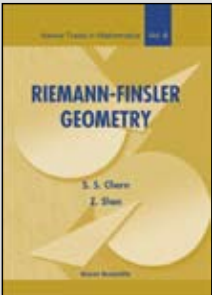
TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
	<p>According to Modern Cosmology, our Universe came from a primordial state 13.7 billion years ago, with no matter and very little energy. In other words, it was almost empty. Where do the stars and galaxies, and everything else in the present universe come from then?</p> <p>This captivating book provides an answer to this question, and explains the observations and evidence behind the assertion of an almost empty primordial universe. Aimed at a general audience, it assumes no prior knowledge of astronomy or physics.</p> <p>The emptiness of the primordial universe is reminiscent of the emptiness in Zen Buddhism. The similarities and differences of these two forms of emptiness are explored.</p>					
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MOLECULAR IMAGING: BASIC PRINCIPLES AND APPLICATIONS IN BIOMEDICAL RESEARCH	RUDIN MARKUS	9781860945281	Sep-05	HC	157	85
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MANUAL FOR PRIMARY HUMAN CELL CULTURE, A	SCHANTZ JAN-THORSTEN & NG KEE WOEI	9789812387967	Oct-04	SC	36	26

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
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<b>Evolution Biology</b>						
ONCE WE WERE HUNTERS: A STUDY OF THE EVOLUTION OF VASCULAR DISEASE	BELCARO G	9781860942624	Oct-01	SC	24	16
<b>General Life Sciences</b>						
	<p><i>"It is a fascinating book, particularly for those of us who either know him, know large elements of the DNA story, or simply want to hear all the opinions and asides of a great discovery of science. It also gives the flavor of a particular period in the history of science, when biology became even more fascinating than physics."</i></p> <p><i>"It is a very good read, and I congratulate Hargittai on a fine work, certainly also useful and important for future generations of historians (or indeed philosophers) of science and scientific discovery."</i></p> <p style="text-align: right;">Aaron Klug Nobel Laureate Former President of the Royal Society (London)</p> <p><i>"An unusual perspective on one of the intellectual giants of our time."</i></p> <p style="text-align: right;">Harold Varmus, Nobel laureate, President Memorial Sloan-Kettering Cancer Center, New York</p>					
DNA DOCTOR, THE: CANDID CONVERSATIONS WITH JAMES D WATSON	HARGITTAI ISTVAN	9789812707970	Jul-07	SC	35	18
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APPLIED GENETICS OF PLANTS, ANIMALS, HUMANS AND FUNGI, THE	LAMB B C	9781860941795	Apr-00	HC	64	44
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SURVIVAL OF THE FATTEST: THE KEY TO HUMAN BRAIN EVOLUTION	CUNNANE STEPHEN C	9789812561916	May-05	HC	49	27
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	<p><i>"This is an interesting and authoritative book as a collection of monographic chapters on specific problems regarding natural products for maintenance of health, as well as in the prevention and treatment of diseases. Each chapter contains a succinct account of the materials covered, involving mainly the chemistry and pharmacology of natural products, as well as the use of new tools for purity evaluation ... I was deeply impressed by the concise choice of coverage and masterful presentation. I recommend highly this book to students and researchers in the field of natural products studies."</i></p> <p style="text-align: right;">Journal of Asian Natural Products Research</p>					
NATURAL PRODUCTS: ESSENTIAL RESOURCE FOR HUMAN SURVIVAL	ZHU YI-ZHUN ET AL	9789812704986	Feb-07	HC	129	69
NOVEL COMPOUNDS FROM NATURAL PRODUCTS IN THE NEW MILLENNIUM: POTENTIAL AND CHALLENGES	TAN BENNY K-H, BAY BOON-HUAT & ZHU YI-ZHU	9789812561138	Oct-04	HC	85	49
<b>Stem Cells Research</b>						
MULTIPLICITY YOURS: CLONING, STEM CELL RESEARCH, AND REGENERATIVE MEDICINE	LIM HWA A	9789812568656	Jul-06	HC	98	55
STEM CELLS: FROM BENCH TO BEDSIDE	BONGSO ARIFF ET AL	9789812561268	Jul-05	HC	157	85
<b>MATERIALS SCIENCE</b>						
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TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
	<p><i>"Their book is a most useful resource for approaching a large literature that even a specialist needs help to assimilate. It covers many widely separated areas – synthetic chemistry to theoretical physics, fundamental science to applications."</i></p> <p style="text-align: right;"><b>Professor Mark Warner</b> Cavendish Laboratory Cambridge, UK</p>					
LIQUID CRYSTALLINE POLYMERS	WANG XIN-JIU ET AL	9789812384102	Apr-04	HC	76	49
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	<p><i>"Generally speaking, mathematics teaching nowadays has a problem with history ... Tignol finds just the right balance between the extremes of a historical exposition and philological reconstruction. Tignol lets both the triumphs and limitations of the past illuminate our modern understanding."</i></p> <p style="text-align: right;"><b>Choice</b></p> <p><i>"... it is indeed a methodological masterpiece within the vast existing literature on this subject ... this work is a very welcome addition to the ample literature on classical Galois theory, especially so from the viewpoints of culture, history, and methodology in mathematical science. The author has done a great service to the entire mathematical community."</i></p> <p style="text-align: right;"><b>Mathematics Abstracts</b></p>					
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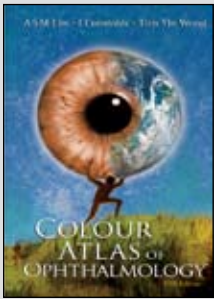
TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
LECTURES ON FUNCTIONAL ANALYSIS AND APPLICATIONS	PUGACHEV V S & SINITSYN I N	9789810237233	Jul-99	SC	38	26
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INTRODUCTION TO SYMMETRY AND SUPERSYMMETRY IN QUANTUM FIELD THEORY	J LOPUSZANSKI	9789971501617	Oct-90	SC	42	29
	<p>In Before It's Too Late: A Report to the Nation from the National Commission on Mathematics and Science Teaching for the 21st Century (2000) in the US, the authors quote from James Stigler's conclusions from various videotape research studies of mathematics teaching: "The key to long-term improvement [in teaching] is to figure out how to generate, accumulate, and share professional knowledge". Japanese Lesson Study has proved to be one successful means.</p> <p>This book supports the growing movement of lesson study to improve the quality of mathematics education from the original viewpoints of Japanese educators who have been engaging in lesson study in mathematics for professional development and curriculum implementation. This book also illustrates several projects related to lesson study in other countries.</p>					
JAPANESE LESSON STUDY IN MATHEMATICS: ITS IMPACT, DIVERSITY AND POTENTIAL FOR EDUCATIONAL IMPROVEMENT	ISODA MASAMI ET AL	9789812705440	Feb-07	SC	49	26
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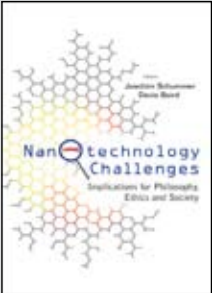
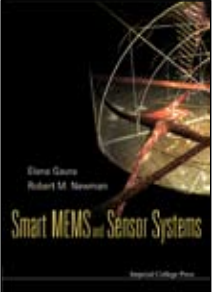
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ALGEBRAIC GEOMETRY	BUMP D	9789810235611	Dec-98	HC	38	26
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PATTERN BOOK: FRACTALS, ART AND NATURE, THE	PICKOVER C	9789810214265	Jun-95	HC	51	35
PROBLEMS AND SOLUTIONS IN MATHEMATICS, MAJOR AMERICAN UNIVERSITIES PHD QUALIFYING QUESTIONS AND SOLUTIONS	LI T T	9789810234805	Jul-98	SC	55	34
	<p><i>“This is a concise book written for graduate students and young geometers who are interested in Riemann–Finsler geometry.”</i></p> <p style="text-align: right;"><b>Mathematical Reviews</b></p> <p><i>“This interesting text is a concise well organized textbook concerning Riemann–Finsler geometry. It is characterized by its clarity and simplicity, on one hand, and its rigor, on the other hand ... this is an excellent book that should take its place in any mathematical library.”</i></p> <p style="text-align: right;"><b>Zentralblatt MATH</b></p>					
RIEMANN-FINSLER GEOMETRY	CHERN SHIING-SHEN & SHEN ZHONGMIN	9789812383587	May-05	SC	19	15
RIEMANNIAN GEOMETRY IN AN ORTHOGONAL FRAME	CARTAN E & GOLDBERG V V	9789810247478	Dec-01	SC	32	22
WORLD OF PATTERNS, THE (WITH CD-ROM)	WICHMANN B	9789810246198	Jun-01	SC	30	22
<b>Mathematical Physics</b>						
CLASSICAL FIELDS: GENERAL RELATIVITY AND GAUGE THEORY	CARMELI M	9789810247874	Nov-01	HC	94	69
DIFFERENTIAL GEOMETRY FOR PHYSICISTS	HOU B Y ET AL	9789810231057	Oct-97	HC	85	53
INTRODUCTION TO GEOMETRICAL PHYSICS, AN	ALDROVANDI RUBEN ET AL	9789810222321	Oct-95	HC	68	47
PATH INTEGRAL METHODS AND THEIR APPLICATIONS	KHANDEKAR D C ET AL	9789810205638	Apr-93	HC	44	32
PROBLEMS AND SOLUTIONS IN GROUP THEORY FOR PHYSICISTS	MA ZHONG-QI & GU XIAO-YAN	9789812388339	Jun-04	SC	55	35
SYMMETRIES AND CURVATURE STRUCTURE IN GENERAL RELATIVITY	HALL GRAHAM S	9789810210519	Apr-04	HC	72	52
TENSOR ANALYSIS	LEBEDEV LEONID P ET AL	9789812383600	Apr-03	HC	75	55
THERMODYNAMICS OF COMPLEX SYSTEMS: AN INTRODUCTION TO ECOPHYSICS	SERTORIO L	9789971509781	Dec-90	HC	51	35
TOPICS IN CONTEMPORARY MATHEMATICAL PHYSICS	LAM KAI S	9789812384546	Jun-03	SC	55	36

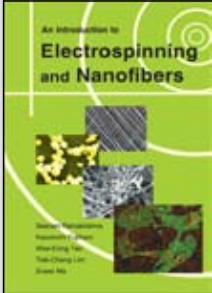
TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
<b>Numerical Analysis and Computational Mathematics</b>						
COMPUTATIONAL RHEOLOGY	OWENSRG&PHILLIPSTN	9781860941863	May-02	HC	94	69
	<p><i>"The author can only be congratulated for this work which will provide useful material for readers for years to come."</i></p> <p style="text-align: right;"><b>Zentralblatt MATH</b></p> <p><i>"The book gives a very readable account of the subject matters with algorithms and Matlab implementations of the algorithms ... This is a good book for an introduction to the subject or for a basic, computationally oriented, course."</i></p> <p style="text-align: right;"><b>Mathematical Reviews</b></p>					
MESHFREE APPROXIMATION METHODS WITH MATLAB (WITH CD-ROM)	FASSHAUER GREGORY E	9789812706348	Apr-07	SC	62	35
NUMERICAL SOLUTION OF SYSTEMS OF POLYNOMIALS ARISING IN ENGINEERING AND SCIENCE, THE	SOMMESE ANDREW J ET AL	9789812561848	Mar-05	HC	85	46
PROBLEMS AND SOLUTIONS IN SCIENTIFIC COMPUTING WITH C++ AND JAVA SIMULATIONS	STEEB WILLI-HANS ET AL	9789812561251	Nov-04	SC	45	25
<b>Probability and Statistics</b>						
BAYESIAN REASONING IN DATA ANALYSIS: A CRITICAL INTRODUCTION	D'AGOSTINI GIULIO	9789812383563	Jun-03	HC	89	65
ELEMENTARY STOCHASTIC CALCULUS, WITH FINANCE IN VIEW	MIKOSCH T	9789810235437	Oct-98	HC	39	24
ESSENTIALS OF STOCHASTIC FINANCE: FACTS, MODELS, THEORY	SHIRYAEV ALBERT N	9789810236052	Jan-99	HC	113	71
EXTREME VALUE DISTRIBUTIONS	KOTZ SAMUEL ET AL	9781860942242	Oct-00	HC	45	31
FIRST LOOK AT RIGOROUS PROBABILITY THEORY, A (2ND EDITION)	ROSENTHAL JEFFREY S	9789812703712	Nov-06	SC	29	18
GREEN, BROWN, AND PROBABILITY	CHUNG K L	9789810225339	Oct-95	SC	10	7
GREEN, BROWN, AND PROBABILITY AND BROWNIAN MOTION ON THE LINE	CHUNG K L	9789810246907	May-02	SC	18	12
INFORMATION THEORY AND THE CENTRAL LIMIT THEOREM	JOHNSON OLIVER	9781860944734	Jul-04	HC	79	48
MATHEMATICAL METHODS IN SAMPLE SURVEYS	TUCKER HOWARD G	9789810226176	Oct-98	HC	28	19
MATRIX ALGEBRA AND ITS APPLICATIONS TO STATISTICS AND ECONOMETRICS	RAO C RADHAKRISHNA ET AL	9789810232689	Jul-98	HC	80	50
MEASUREMENT ANALYSIS: AN INTRODUCTION TO THE STATISTICAL ANALYSIS OF LABORATORY DATA IN PHYSICS, CHEMISTRY AND THE LIFE SCIENCES	CARIA MARIO	9781860942310	Oct-00	HC	48	33
PROBABILITY THEORY	ROTAR VLADIMIR	9789810222130	Jan-98	HC	55	38
REGRESSION AND TIME SERIES MODEL SELECTION	TSAI C L ET AL	9789810232429	May-98	HC	55	34
STATISTICAL METHODS OF ANALYSIS	CHIANG CHIN LONG	9789812383105	Oct-03	SC	45	29
<b>Stochastics Analysis</b>						
INTRODUCTION TO STOCHASTIC CALCULUS WITH APPLICATIONS (2ND EDITION)	KLEBANER FIMA C	9781860945663	Jun-05	SC	45	25
<b>MEDICINE</b>						
<b>Cardiology</b>						
CLINICAL ELECTROCARDIOGRAPHY (THIRD EDITION)	CHIA B L ET AL	9789810237622	Dec-98	SC	25	17
	<p><b>Contents:</b> The Normal Heart; The Normal Cross-Sectional Echocardiographic Study; Basic Principles of Diagnosis; Isomeric Arrangement of the Atrial Appendages; Normal Septal Structures; Interatrial Communications; Atrioventricular Septal Defects; Ventricular Septal Defects; The Ventricular Outflow Tracts; Tetralogy of Fallot; Tetralogy of Fallot with Pulmonary Atresia; Hypoplastic Right and Left Ventricles; Double Outlet Right Ventricle; Common Arterial Trunk; Complete Transposition; Congenitally Corrected Transposition; Hearts with Univentricular Atrioventricular Connections; Ebstein Malformation; Aortic Coarctation and Interruption; The Arterial Duct.</p>					

Bestselling Backlist 2009

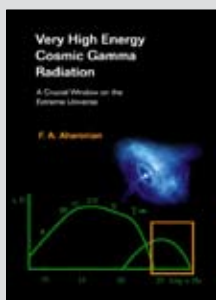
TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
ECHOCARDIOGRAPHY IN CONGENITAL HEART DISEASE MADE SIMPLE	HO SIEW YEN ET AL	9781860941245	Jun-05	HC	108	69
<b>Clinical Biochemistry</b>						
CLINICAL BIOCHEMISTRY: TECHNIQUES AND INSTRUMENTATION - A PRACTICAL COURSE	VARCOE J S	9789810245566	Mar-01	SC	60	44
PRIMER OF CHEMICAL PATHOLOGY, A	KOAY E S C ET AL	9789810225711	Feb-96	SC	32	22
<b>General Medicine</b>						
CLINICAL APPROACH TO MEDICINE, A (2ND EDITION)	ONG YONG YAU ET AL	9789812560735	Dec-04	SC	99	59
NOBEL LECTURES IN PHYSIOLOGY OR MEDICINE, VOL 6 (1981-1990)	LINDSTEN J	9789810207939	May-93	SC	30	20
WHERE MEDICINE WENT WRONG: REDISCOVERING THE PATH TO COMPLEXITY	WEST BRUCE J	9789812568830	Oct-06	SC	55	29
<b>Infectious Diseases</b>						
BIRD FLU: A RISING PANDEMIC IN ASIA AND BEYOND?	TAMBYAH PAUL A & LEUNG PING-CHUNG	9789812568076	Apr-06	SC	35	19
SARS WAR: COMBATING THE DISEASE	LEUNG PING-CHUNG & OOI ENG EONG	9789812384331	Apr-03	HC	29	29
<b>Microbiology / Virology</b>						
MICROBIAL BIOTECHNOLOGY: PRINCIPLES AND APPLICATIONS (2ND EDITION)	LEE YUAN KUN	9789812566775	Aug-06	SC	65	36
PIONEERS OF MICROBIOLOGY AND THE NOBEL PRIZE	LAGERKVIST ULF	9789812382344	Jun-03	SC	47	26
<b>Nuclear Medicine</b>						
INTRODUCTION TO THE PRINCIPLES OF MEDICAL IMAGING, AN (REVISED EDITION)	GUY CHRIS ET AL	9781860945021	Jun-05	HC	75	45
<b>Obstetrics and Gynaecology</b>						
PRACTICAL OBSTETRICS AND GYNAECOLOGY HANDBOOK FOR THE GENERAL PRACTITIONER	TAN THIAM CHYE, TAN KIM TENG & TAY ENG HSEON	9789812566706	Jun-06	SC	49	26
<b>Ophthalmology</b>						
	<p><i>"There is an excellent distribution of external and fundus photographs, most of high quality ... a fine, brief atlas and text that deals with ophthalmologic disease on a practical level."</i>                      American Journal of Ophthalmology</p> <p><i>"This small book is remarkable. The selection of material is excellent for a book intended for the student and the general practitioner. This book is highly recommended, and the teachers of undergraduates should bring the attention of their students to this publication."</i>                      The Medical Journal of Australia</p>					
COLOUR ATLAS OF OPHTHALMOLOGY (5TH EDITION)	LIM ARTHUR S M ET AL	9789812771551	Oct-07	SC	29	17
DRIVING WITH CONFIDENCE: A PRACTICAL GUIDE TO DRIVING WITH LOW VISION	PELI E & PELI D	9789810247058	Jan-02	SC	18	12
GUIDE TO OCULAR LEPROSY FOR HEALTH WORKERS: A TRAINING MANUAL FOR EYE CARE IN LEPROSY	COURTRIGHT P	9789810213282	May-93	SC	35	24
TEXTBOOK OF CLINICAL OPHTHALMOLOGY, A: A PRACTICAL GUIDE TO DISORDERS OF THE EYES AND THEIR MANAGEMENT (3RD EDITION)	CRICK RONALD PITTS & KHAW PENG TEE	9789812381507	Feb-03	SC	47	35
<b>Surgery</b>						
ACUTE SURGICAL MANAGEMENT	HWANGNIANCHIHETAL	9789812386816	Jul-04	HC	166	86

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
DIALYSIS ACCESS: CURRENT PRACTICE	AKOH J A & HAKIM N S	9781860941696	May-01	HC	90	67
INTRODUCTION TO ORGAN TRANSPLANTATION	HAKIM N S	9781860940255	May-97	HC	56	35
SURGICAL TALK: REVISION IN SURGERY (2ND EDITION)	GOLDBERG ANDREW ET AL	9781860944949	Mar-05	SC	36	22
<b>NANOTECHNOLOGY AND NANOSCIENCE</b>						
<b>Atom Manipulation</b>						
PRINCIPLES OF NANOTECHNOLOGY: MOLECULAR BASED STUDY OF CONDENSED MATTER IN SMALL SYSTEMS	MANSOORI G ALI	9789812562050	Mar-05	SC	55	32
<b>Electron States in Nanoscale Systems</b>						
STRUCTURE AND PROPERTIES OF ATOMIC NANOCLUSTERS	ALONSO JULIO A	9781860945519	Dec-05	HC	135	69
<b>Fullerenes</b>						
PHYSICAL PROPERTIES OF CARBON NANOTUBES	SAITO R ET AL	9781860942235	Jul-98	SC	24	15
<b>General Nanoscience</b>						
	<p><b>Contents:</b> Philosophical Issues: The Drexler Challenge; The Metaphysics of Nanotechnology; The Truth of Nanoscopic Images; Dealing with Complexity; Ethical Issues: Social and Environmental Ethics of Nanotechnology; Managing the Risks of Nanotechnology; Societal Issues: Public Discourses on the Future; Visions and Public Reactions to Nanotechnology.</p> <p><b>Key Features</b></p> <ul style="list-style-type: none"> <li>• Combines high-quality scholarly studies of the philosophical, ethical, and societal issues of nanotechnology</li> <li>• Informs about the opportunities and risks of nanotechnology by avoiding both exaggerating hype and irrational fears</li> <li>• Provides an in-depth understanding of the place of nanotechnology in society</li> </ul>					
NANOTECHNOLOGY CHALLENGES: IMPLICATIONS FOR PHILOSOPHY, ETHICS AND SOCIETY	SCHUMMER JOACHIM ET AL	9789812567291	Apr-06	HC	127	68
<b>MEMS/NEMS</b>						
	<p><b>Key Features</b></p> <ul style="list-style-type: none"> <li>• Provides a unique systems perspective on established MEMS sensor design techniques</li> <li>• Presents state-of-the-art developments through surveys and original research by the authors</li> <li>• Introduces new ideas for future designs of intelligent and cogent/autonomous sensors and sensor networks</li> <li>• Has a good balance of technology/fabrication processes vs signal processing and concept- level discussion</li> <li>• Aims at the multidisciplinary community involved in designing, producing and using MEMS sensors</li> </ul>					
SMART MEMS AND SENSOR SYSTEMS	GAURA ELENA, NEWMAN ROBERT & KRAFT MICHAEL	9781860944932	Aug-06	HC	157	85
<b>Molecular Mechanics and Robotics</b>						
NANOSCIENCE: FRICTION AND RHEOLOGY ON THE NANOMETER SCALE	MEYER E ET AL	9789812380623	Dec-98	SC	48	33
<b>Nanoelectronics</b>						
MOLECULAR ELECTRONICS: COMMERCIAL INSIGHTS, CHEMISTRY, DEVICES, ARCHITECTURE, AND PROGRAMMING	TOUR JAMES M	9789812382696	Mar-03	HC	89	65
MOLECULAR ELECTRONICS: COMMERCIAL INSIGHTS, CHEMISTRY, DEVICES, ARCHITECTURE, AND PROGRAMMING	TOUR JAMES M	9789812383419	Mar-03	SC	45	29

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TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
QUANTUM DOTS	BOROVITSKAYA ELENA & SHUR MICHAEL S	9789810249182	Jul-02	HC	46	34
<b>Nanoinstrumentation and Nanocommunication</b>						
NANO-ENGINEERING IN SCIENCE AND TECHNOLOGY: AN INTRODUCTION TO THE WORLD OF NANO-DESIGN	RIETH MICHAEL	9789812380746	Jan-03	SC	35	25
NANO-ENGINEERING IN SCIENCE AND TECHNOLOGY: AN INTRODUCTION TO THE WORLD OF NANO-DESIGN	RIETH MICHAEL	9789812380739	Jan-03	HC	49	35
<b>Nanomaterials and Nanostructures</b>						
	<b>Key Features</b> <ul style="list-style-type: none"> <li>• A comprehensive introductory book by a multidisciplinary group</li> <li>• Contains both historical background and up-to-date research results</li> <li>• Gives unified presentation of the electrospinning processing and nanofibers in an integrated manner</li> <li>• Understandable for newcomers and yet contains reliable resources for the experts</li> <li>• Approaches the subject matter from a practical standpoint</li> </ul>					
INTRODUCTION TO ELECTROSPINNING AND NANOFIBERS, AN	RAMAKRISHNA S, FUJIHARA K, TEO W E , LIM T C & MA Z W	9789812564542	Jun-05	SC	65	35
NANOPOROUS MATERIALS: SCIENCE AND ENGINEERING	LU G Q ET AL	9781860942112	Nov-04	SC	112	79
NANOSTRUCTURES AND NANOMATERIALS: SYNTHESIS, PROPERTIES AND APPLICATIONS	CAO GUO-ZHONG	9781860944154	Apr-04	HC	127	75
NANOSTRUCTURES AND NANOMATERIALS: SYNTHESIS, PROPERTIES AND APPLICATIONS	CAO GUO-ZHONG	9781860944802	Apr-04	SC	69	39
<b>NONLINEAR SCIENCE, CHAOS AND DYNAMICAL SYSTEMS</b>						
CELLULAR AUTOMATA: A DISCRETE UNIVERSE	ILACHINSKI ANDREW	9789810246235	Jul-01	HC	103	76
CHAOS AVANT-GARDE, THE: MEMOIRS OF THE EARLY DAYS OF CHAOS THEORY	ABRAHAM RALPH ET AL	9789810244040	Jan-01	HC	70	52
CHAOS IN CHEMISTRY AND BIOCHEMISTRY	FIELD R, GYORGYI L	9789810210243	Mar-93	HC	86	60
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IMAGES OF A COMPLEX WORLD: THE ART AND POETRY OF CHAOS (WITH CD-ROM)	CHAPMAN ROBIN ET AL	9789812564016	Aug-05	SC	47	25
INSTABILITIES, CHAOS AND TURBULENCE: AN INTRODUCTION TO NONLINEAR DYNAMICS AND COMPLEX SYSTEMS	MANNEVILLE PAUL	9781860944918	Oct-04	SC	45	25
<b>PHYSICS</b>						
<b>Accelerator Physics</b>						
ACCELERATOR PHYSICS (2ND EDITION)	LEE S Y	9789812562005	Dec-04	SC	49	29
ENGINES OF DISCOVERY: A CENTURY OF PARTICLE ACCELERATORS	SESSLER ANDREW ET AL	9789812700704	Jul-07	HC	65	35
ENGINES OF DISCOVERY: A CENTURY OF PARTICLE ACCELERATORS	SESSLER ANDREW ET AL	9789812700711	Jul-07	SC	37	19
STATISTICAL METHODS IN EXPERIMENTAL PHYSICS (2ND EDITION)	JAMES FREDERICK	9789812705273	Nov-06	SC	35	19
<b>Applied Physics</b>						
ELECTROLUMINESCENT DISPLAYS	ONO YOSHIMASA A	9789810219215	May-95	HC	28	20
INTERACTION OF PHOTONS AND NEUTRONS WITH MATTER	CHEN SOW-HSIN ET AL	9789810220266	Jan-97	HC	58	40

TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
LIQUID CRYSTAL DISPERSIONS	DRZAIC P S	9789810217457	Sep-95	HC	78	54
	Optical microcavities are structures that enable confinement of light to microscale volumes. The universal importance of these structures has made them indispensable to a wide range of fields. This important book describes the many applications and the related physics, providing both a review and a tutorial of key subjects by leading researchers from each field. The topics include cavity QED and quantum information, nanophotonics and nanostructure interactions, wavelength switching and modulation in optical communications, optical chaos and biosensors.					
OPTICAL MICROCAVITIES	VAHALA KERRY	9789812387752	Dec-04	HC	129	77
PRIMER IN APPLIED RADIATION PHYSICS, A	SMITH FREDERIC ALAN	9789810237134	Jan-00	SC	46	31
PROBLEMS AND SOLUTIONS ON ELECTROMAGNETISM	LIM Y K	9789810206260	Mar-93	SC	39	28
ROUGH SURFACES, 2ND EDITION	THOMAS TOM R	9781860941009	Dec-98	HC	53	33
<b>Astrophysics / Astronomy / Cosmology</b>						
AFTER THE BEGINNING: A COSMIC JOURNEY THROUGH SPACE AND TIME	GLENDENNING NORMAN K	9781860944475	Aug-04	HC	69	39
AFTER THE BEGINNING: A COSMIC JOURNEY THROUGH SPACE AND TIME	GLENDENNING NORMAN K	9781860944482	Aug-04	SC	35	19
ASTRONOMICAL SPECTROSCOPY: AN INTRODUCTION TO THE ATOMIC AND MOLECULAR PHYSICS OF ASTRONOMICAL SPECTRA	TENNYSON JONATHAN	9781860945298	Jul-05	SC	29	19
BLACK HOLES: AN INTRODUCTION	RAINE DEREK J & THOMAS EDWIN	9781860945885	Nov-05	SC	19	9
BLACK HOLES: AN INTRODUCTION	RAINE DEREK J & THOMAS EDWIN	9781860945861	Nov-05	HC	37	22
FIVE-DIMENSIONAL PHYSICS: CLASSICAL AND QUANTUM CONSEQUENCES OF KALUZA-KLEIN COSMOLOGY	WESSON PAUL S	9789812566614	Feb-06	HC	69	37
FORMATION OF THE SOLAR SYSTEM, THE: THEORIES OLD AND NEW	WOOLFSON MICHAEL M	9781860948244	Oct-07	HC	95	49
HAWKING ON THE BIG BANG AND BLACK HOLES	HAWKING S	9789810210786	Jun-93	HC	74	54
INVITATION TO ASTROPHYSICS, AN	PADMANABHAN THANU	9789812566874	Feb-06	SC	49	26
INVITATION TO ASTROPHYSICS, AN	PADMANABHAN THANU	9789812566386	Feb-06	HC	88	47
MAUNDER MINIMUM AND THE VARIABLE SUN-EARTH CONNECTION, THE	SOON WILLIE WEI-HOCK ET AL	9789812382757	Dec-03	SC	46	35
ORIGIN OF STARS, THE	SMITH MICHAEL D	9781860945014	Oct-04	SC	38	25
PRINCIPLES OF QUANTUM GENERAL RELATIVITY	PRUGOVECKI E	9789810221386	Jan-95	SC	36	25
QUANTUM FLUCTUATIONS OF SPACETIME	CROWELL LAWRENCE B	9789812565150	Dec-05	HC	89	48
SELECTED WORKS OF HANS A BETHE (WITH COMMENTARY)	BETHE H	9789810228767	Jul-97	HC	78	49



*“Very high-energy gamma-ray astronomy’ is now beginning to play a crucial role in understanding the high-energy phenomena in the Universe. Flix Aharonian clearly describes the implication of this new developing field relating to Cosmic-ray Physics, X-ray and low energy gamma-ray astronomy, Potential Extragalactic sources and Cosmologies and dark matter ... His writing covers what is known, what is to be explored in future, and also speculating on some new exciting unknown phenomena. He is one of the pioneers and a leading scientist in this field, and this book is timely and valuable for the students and researchers in this field which developed so quickly in recent years together with the scientists who have interest and wish to understand and research the high-energy phenomena in the Universe.”*

**Emeritus Professor Jun Nishimura**  
The University of Tokyo, and Institute of Space and Astronautical Science

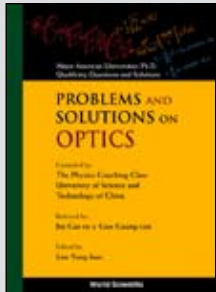
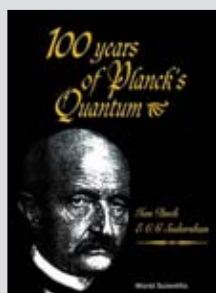
*“In the entire text Aharonian attaches importance to analytic descriptions. He outlined, discusses and quotes numerous model calculations as well as an abundance of experimental data. The Bibliography is very extensive. This is a recommendable book.”*

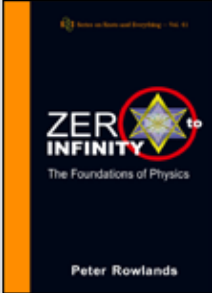
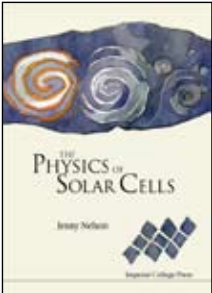
Physik Journal

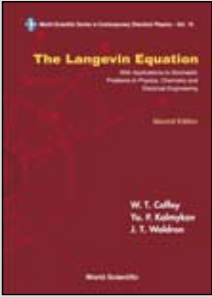
TITLE	AUTHOR (S)	ISBN	PUB. DATE	BINDING	US\$	£
VERY HIGH ENERGY COSMIC GAMMA RADIATION: A CRUCIAL WINDOW ON THE EXTREME UNIVERSE	AHARONIAN FELIX A	9789810245733	Jul-04	HC	128	76
WANDERING STARS - ABOUT PLANETS AND EXO-PLANETS: AN INTRODUCTORY NOTEBOOK	COLE GEORGE H A	9781860944765	Feb-06	SC	49	27
<b>Atomic Physics</b>						
PROBLEMS AND SOLUTIONS ON ATOMIC, NUCLEAR AND PARTICLE PHYSICS	LIM YUNG-KUO	9789810239183	Mar-00	SC	54	37
<b>Classical Mechanics / Electrodynamics</b>						
IN THE GRIP OF THE DISTANT UNIVERSE: THE SCIENCE OF INERTIA	GRANEAU PETER ET AL	9789812567543	Jun-06	HC	65	35
MODERN APPROACH TO CLASSICAL MECHANICS, A	IRO HARALD	9789812382139	Dec-02	HC	78	57
<b>Computational Physics</b>						
FIRST-PRINCIPLES CALCULATIONS IN REAL-SPACE FORMALISM: ELECTRONIC CONFIGURATIONS AND TRANSPORT PROPERTIES OF NANOSTRUCTURES	HIROSE KIKUJI ET AL	9781860945120	Jan-05	HC	95	49
INVERSE METHODS FOR ATMOSPHERIC SOUNDING: THEORY AND PRACTICE	RODGERS CLIVE D	9789810227401	Jul-00	HC	56	38
<b>Condensed Matter Physics</b>						
CLEAN ELECTRICITY FROM PHOTOVOLTAICS	ARCHER M D & HILL R	9781860941610	Jun-01	HC	120	82
CONCEPTS IN SOLIDS: LECTURES ON THE THEORY OF SOLIDS	ANDERSON P W	9789810232313	Nov-97	SC	14	9
COURSE ON MANY-BODY THEORY APPLIED TO SOLID-STATE PHYSICS, A	ENZ C	9789971503369	Oct-92	HC	90	65
ELECTRON CORRELATIONS IN THE SOLID STATE	MARCH N H	9781860942006	Dec-99	HC	96	60
ELEMENTARY ELECTRONIC STRUCTURE (REVISED EDITION)	HARRISON WALTER A	9789812387080	Apr-04	SC	39	29
GLASSY MATERIALS AND DISORDERED SOLIDS: AN INTRODUCTION TO THEIR STATISTICAL MECHANICS	BINDER KURT ET AL	9789812565105	Oct-05	HC	86	49
GREEN'S FUNCTIONS FOR SOLID STATE PHYSICISTS	DONIACH S ET AL	9781860940804	Jun-98	SC	42	26
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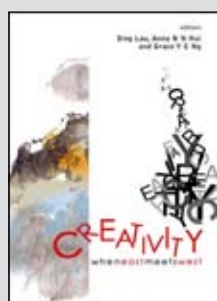
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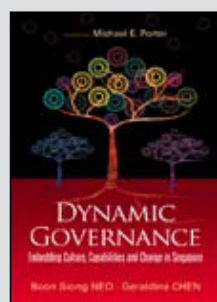


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