

2018

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Science, Technology and Medicine



Higher Education Press

Higher Education Press Limited Company

A Leading Publisher Dedicated to Education

Founded in May 1954, Higher Education Press Limited Company (HEP), affiliated with the Ministry of Education, is one of the earliest institutions committed to educational publishing after the establishment of P. R. China in 1949. After striving for six decades, HEP has developed into a major comprehensive publisher, with products in various forms and at different levels. Both for import and export, HEP has been striving to fill in the gap of domestic and foreign markets and meet the demand of global customers by collaborating with more than 200 partners throughout the world and selling products and services in 32 languages globally. As a result, HEP ranks among China's top publishers in terms of copyright export volume for many years.

The *Frontiers* series published by HEP includes 27 English academic journals, covering the largest academic fields in China at present. Among the series, 12 have been indexed by SCI, 5 by EI, 2 by MEDLINE. HEP's academic monographs have won about 300 different kinds of publishing funds and awards both at home and abroad.

The "Cool Panda" educational brand of TCSL, jointly created by HEP, the Georgia State Department of Education, and Kennesaw State University and its Confucius Institute, was successfully included in the Recommended List of the teaching materials by the Georgia State government, which marks that "Cool Panda" has officially entered into the US primary educational system, becoming another successful case of Chinese quality teaching resources entering into foreign mainstream educational system after *Experiencing Chinese* series was included in the Recommended Textbook List of the Ministry of Education of Thailand.

At present, HEP has successfully "go global", ranking among the world's top 50 largest publishing enterprises in terms of comprehensive strength.



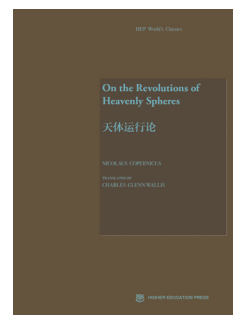
HEP World's Classics (English Version) 高教社世界经典系列(英文版)

On the Revolutions of Heavenly Spheres 天体运行论

- The original edition of this book was published in Latin in Nuremberg in 1543. All six volumes are logical and seamless, displaying the whole picture of the heliocentric theory. This book is re-typeset based on the English version in 1952.

Author:

Nicolaus Copernicus (1473-1543), Polish astronomer, founder of the heliocentric theory and modern astronomy.



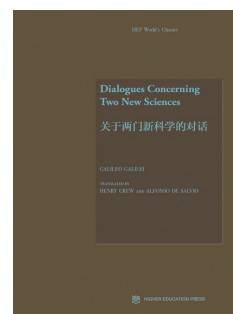
ISBN: 9787040464924
Publication Date: November, 2016
Pages: 473

Dialogues Concerning Two New Sciences 关于两门新科学的对话

- The two new sciences mentioned in this book are materials mechanics and dynamics. The original edition of the book was published in Laiden of Holland in 1638. Galilei summarized his research findings and thoughts on material strength, dynamics and dynamics principle in the form of dialogue. This book is re-typeset based on the English version in 1914.

Author:

Galileo Galilei (1564-1642), renowned Italian mathematician, physician and astronomer, pioneer of the scientific revolution and one of the founders of modern experimental sciences.



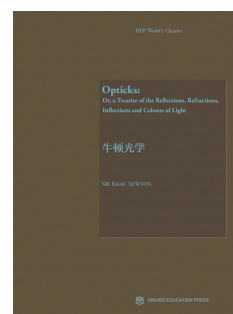
ISBN: 9787040453157
Publication Date: June, 2016
Pages: 247

Opticks: Or, a Treatise of the Reflections, Refractions, Inflections, and Colours of Light 牛顿光学

- This is one of the classics of Newton's explanation of his research findings in optical analysis, which marks the turning from geometry optics to modern optics. The scientific thoughts and methods expressed by such delicately designed experiments makes the book an excellent template of experimental science. This book is re-typeset based on the fourth edition in 1730.

Author:

Sir Isaac Newton (1643-1727), renowned British physician, mathematician, natural philosopher and astronomer, and founder of classic physics theory.



ISBN: 9787040453164
Publication Date: June, 2016
Pages: 231

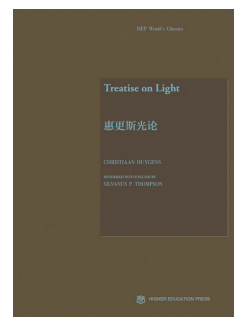


◀ Treatise on Light 惠更斯光论

- The original edition was published in 1690, this is an important book of Huygens for optical study. It primarily introduces the Theory of Light Fluctuation proposed by Huygens, the famous Huygens' Principle. This book is re-typeset based on the English version by Silvanus P. Thompson in 1912.

Author:

Christian Huygens (1629-1695), Dutch physician, astronomer and mathematician.



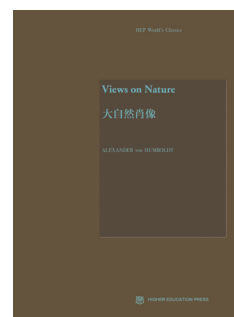
ISBN: 9787040453171
Publication Date: May, 2016
Pages: 93

◀ Views on Nature 大自然肖像

- *Views of Nature* is the most famous and most influential one among all Humboldt's works. This book is translated from the third German edition published in 1850. This book embodies the authors' most mature thoughts on the plants' structures and their origin under the climate mode.

Author:

Alexander von Humboldt (1769-1859), German natural scientist and scientific investigation tourist, one of the founders of modern climatology, plant geography and geophysics.



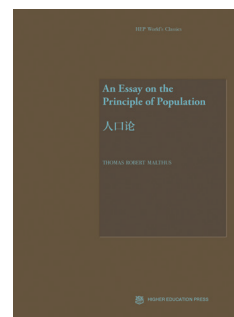
ISBN: 9787040454505
Publication Date: August, 2016
Pages: 336

◀ An Essay on the Principle of Population 人口论

- This book chiefly expounds on the fact that: while the means of production generated by the land (solely referring to the food) is limited and people's desire is not, the endless population explosion and insufficient food supply will lead to great loss of population. This is what Malthus called the balance mechanism of nature.

Author:

Thomas Robert Malthus (1766-1834), British demographer, his Theory of Population Growth is regarded as the "permanent law of population growth".



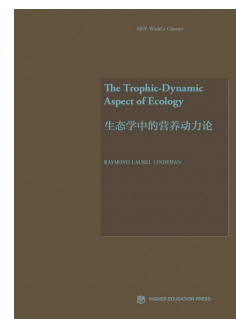
ISBN: 9787040453614
Publication Date: June, 2016
Pages: 132

◀ The Trophic-Dynamic Aspect of Ecology 生态学中的营养动力论

- Raymond Laurel Lindeman used mathematical way to quantitatively expressed the interaction among nutrition levels in the cluster, and established the theoretical model of nutrition circulation, symbolizing the transformation of ecology from qualitative to quantitative. He established the theoretical orientation of the development of ecology, which is still of great significance to current ecological study.

Author:

Raymond Laurel Lindeman (1915-1942), American ecologist.



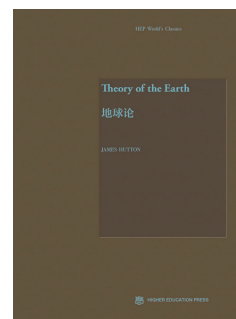
ISBN: 9787040453188
Publication Date: June, 2016
Pages: 138

◀ Theory of the Earth 地球论

- The original edition of this book was published in 1788. This book discusses and studies the law of the formation, disappearance and rebirth of the land, as supported by many example illustrations.

Author:

James Hutton (1726-1797), British geologist, regarded as the father of Modern Geology.



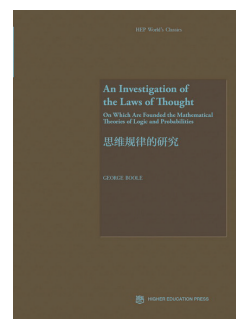
ISBN: 9787040452907
Publication Date: May, 2016
Pages: 105

◀ An Investigation of the Laws of Thought 思维规律的研究

- The original edition of this book was published in 1850s. Boole expounded on the laws of people's thoughts without the possibility to take account of its actual application. Decades later, from 1930s, its application has been gradually expanded and played great role in both theory and practice.

Author:

George Boole (1815-1864), one of the most important mathematicians in 19th century.



ISBN: 9787040453003
Publication Date: June, 2016
Pages: 335

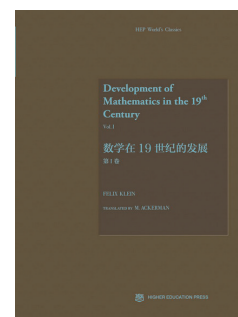


Development of Mathematics in the 19th Century Vol. I 数学在19世纪的发展 第I卷

- This book makes a detailed and critical analysis on the thoughts and contributions of many of the most important mathematicians, such as Gauss and Riemann; introduces the thoughts and achievement of a number of great physicians such as Kelvin and Maxwell; and expounds on the origins and prospects of some of the most important mathematical branches.

Author:

F. Klein (1849-1925), one of the most important mathematicians in late 19th century and early 20th century.



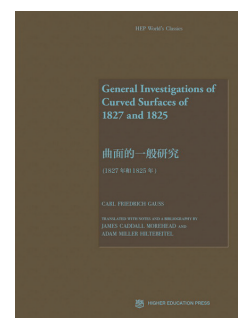
ISBN: 9787040453515
Publication Date: June, 2016
Pages: 312

General Investigations of Curved Surfaces of 1827 and 1825 曲面的一般研究 (1827年和1825年)

- This book comprehensively elaborates the differential geometry of curved surfaces in 3D space, and established the theory of intrinsic curved surfaces. Many concepts and theorems in this book fully reflect the author's differential geometrical ideas, which far surpass the achievement made by the predecessor Euler and decides the future orientation of the development of the subject.

Author:

Carl Friedrich Gauss (1777-1855), German mathematician, astronomer and physician, one of the founders of modern mathematics.



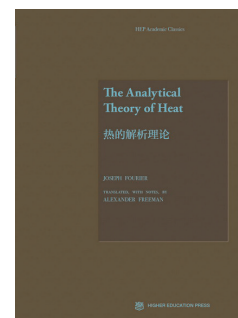
ISBN: 9787040451726
Publication Date: May, 2016
Pages: 133

The Analytical Theory of Heat 热的解析理论

- This is the epoch-making classic of the renowned French mathematician and physician, which was first published in French in 1822. This book is re-typeset based on the English version translated by Alexander Freeman and published by Cambridge University Press in 1878.

Author:

Jean-Baptiste Joseph Fourier (1768-1830), renowned French mathematician and physician.



ISBN: 9787040442571
Publication Date: January, 2016
Pages: 375

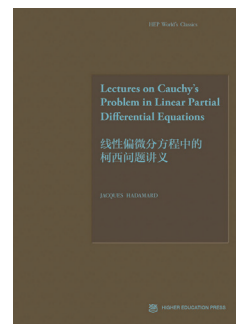
Lectures on Cauchy's Problem in Linear Partial Differential Equations

线性偏微分方程中的柯西问题讲义

- Based on the study by Riemann, Kirchhoff and Volterra, Hadamard extended and improved Volterra's study, including the general nature of Cauchy problem, basic formula and basic solution, and equation of odd/even independent variables.

Author:

Jacques Solomon Hadamard, French mathematician, selected as the academician of the French Academy of Sciences in 1912.



ISBN: 9787040448047
Publication Date: March, 2016
Pages: 283

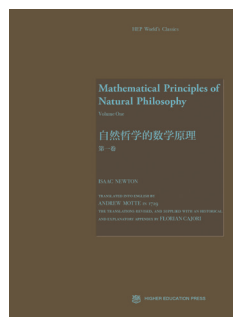
Mathematical Principles of Natural Philosophy (Volumes I & II)

自然哲学的数学原理 (第1、2卷)

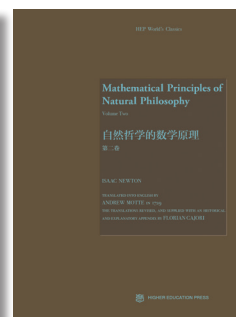
- This book epitomized the first scientific revolution, and had great impact on physics, mathematics, astronomy and philosophy. The first volume of the book expounds on the movement of object in the resistance-free free space, and the force by movement status of the object.
- The second volume sheds light on the object's movement with given resistance, the fluid mechanics and the fluctuation theory.

Author:

Sir Isaac Newton (1643-1727), renowned British physician, mathematician, natural philosopher and astronomer, and founder of Classic Physics Theory.



ISBN: 9787040451382
Publication Date: August, 2016
Pages: 373



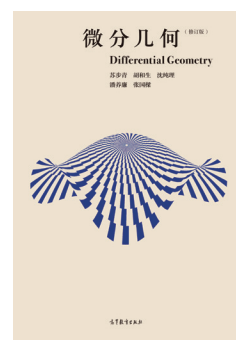
ISBN: 9787040451733
Publication Date: August, 2016
Pages: 254

**Differential Geometry (Revised Edition)****微分几何 (修订版)**

- The book mainly introduces the classical differential geometry and outlines the global differential geometry. Classical differential geometry mainly contains the local properties of 3D euclidean space curve and surface. Global differential geometry mainly contains the general properties of surface and space curve, general properties of curved surface, and the concept of differential manifold and Riemannian manifold.

Author:

Su Buqing, academican of the Chinese Academy of Science, former president of Fudan University, winner of several national prizes of China.



ISBN: 9787040447224

Publication Date: November, 2016

Pages: 219

Algebraic Number Theory**代数数论**

- This book is an introduction of algebraic number theory. It can be used as a textbook of algebraic number theory for mathematics undergraduates who have studied algebraic and number theory.

Author:

Li Jinghui, mathematics professor of the University of Sydney, world-famous mathematician.



ISBN: 9787040464832

Publication Date: September, 2016

Pages: 497

Mathematical Analysis Issues and Counter-examples**数学分析中的问题和反例**

- The book collects counter-examples in mathematical analysis to fill in the gaps in this area. It is a useful book for research and teaching of mathematical analysis. With a great number of counter-examples, the book raises many issues unsolved. The contents covers function and limit, continuous function, single variable differential and integral calculus, infinite series, multivariable differential calculus, improper integral and integral depending on a parameter, double integral, etc.

Author:

Wang Lin, professor of Yunnan University.



ISBN: 9787040439137

Publication Date: November, 2015

Pages: 381

Elliptic Partial Differential Equation 椭圆型偏微分方程

- The book introduces basic properties of elliptic equation. The author combines De Giorgi-Nash-Moser iteration, Morrey estimation, Holder inverse inequality and analysis system of elliptic system energy, and emphasizes research on regularity method.

Author:

Liu Xiangao, professor and doctoral supervisor of the School of Mathematics and Science, Fudan University.



ISBN: 9787040440485
Publication Date: December, 2015
Pages: 144

Advanced Statistics Generality 高等统计学概论

- The book gives a systematic description of basic theory in mathematical statistics. It provides as many recent achievements of this discipline as possible. The content covers point estimation, hypothesis testing, interval estimation and basic theory and method of Bayes statistical decision, and focuses statistics asymptotic theory, including large sample estimation and testing. The content involves some preliminary knowledge in empirical process, and its application in asymptotic distribution theory.

Authors:

Zhao Lincheng, professor and doctoral supervisor of the School of Mathematical Science, the University of Science and Technology of China.

Wang Zhanfeng, associate professor of the School of Mathematical Science, the University of Science and Technology of China.



ISBN: 9787040448955
Publication Date: March, 2016
Pages: 277

A First Glance at Math 数学大观

- The textbook is for the open course of "Mathematics Panorama" lectured by the author. It can be applied to the general courses of mathematical culture for all majors, and regarded as popular science reading material for promoting mathematical culture. The book demonstrates that "mathematics love us" with vivid stories, other than "we love mathematics". The stories are related to every industry or trade and different cultures focusing on a common theme: power and charm of mathematics.

Author:

Li Shangzhi, professor of Beihang University, among the first who were granted the National Outstanding Teacher Awards, the second prize of the Chinese Academy of Sciences Scientific and Technological Achievements.



ISBN: 9787040430899
Publication Date: August, 2015
Pages: 197



Statistical Foundation of Biomathematics Models

生物数学模型的统计学基础

- The book with the content relating to the China Engineering Science and Technology Forum of the Chinese Academy of Engineering will provide reference for the engineers and technicians in relevant fields. It can be regarded as a channel for international communication of engineering science and technology.

Authors:

Tang Shouzheng, China's famous expert on forest managing and forestry statistics, academician of the Chinese Academy of Sciences, chief scientist of the Chinese Academy of Forestry, and counselor of the State Council of China.

Fu Liyong, doctor, associate researcher of the Institute of Resource Information, the Chinese Academy of Forestry.



ISBN: 9787040434538

Publication Date: April, 2015

Pages: 296

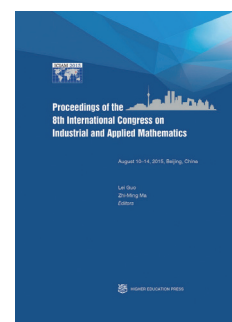
Proceedings of the 8th International Congress on Industrial and Applied Mathematics (English Version)

第八届国际工业与应用数学大会论文集 (英文版)

- The 8th International Congress on Industrial and Applied Mathematics (ICIAM 2015) was held in Beijing from August 10th to 14th, 2015. It is the first time for the congress to be held in Asia, or in a developing country in particular.

Author:

Guo Lei, Academician of the Chinese Academy of Sciences, who has been long engaging in the research of system and control science, especially the analysis, modeling and control theories of random and uncertain dynamic systems.



ISBN: 9787040416763

Publication Date: August, 2015

Pages: 479

Write Right for the American Mathematical Contests in Modeling (2nd Edition)

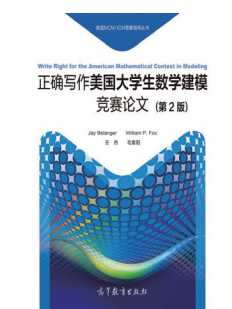
正确写作美国大学生数学建模竞赛论文 (第2版)

- This book consists of two parts: Part I is in the most original English, and Part II is the respective Chinese notes. The two-part structure is designed to help readers write and think in English. When necessary, readers can refer to the Chinese notes. Alternatively, they can read through the Chinese part first, then refer to the English part for phrasing. Competition rules and LATEX templates are provided as annexes.
- This book can be used as a guide for those people who are preparing for the American mathematical contests in modeling, and a reference book for scientific paper writing.

Authors:

Wang Jie, professor and dean of the Department of Computer Science, the University of Massachusetts Lowell.

Jay Belanger, professor of Truman State University.



ISBN: 9787040449655

Publication Date: March, 2016

Pages: 186

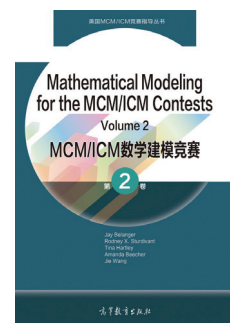
Mathematical Modeling for the MCM/ICM Contests (Volume 2) MCM/ICM数学建模竞赛 (第2卷)

- The research subjects of this book are the questions in 2015 MCM/ICM Contest of American university students. The book carries out relevant research based on Contest outstanding winner theses.

Authors:

Wang Jie, professor and director of the Computer Department, University of Massachusetts Lowell.

Jay Belanger, professor of Truman State University.



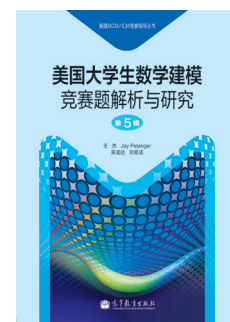
ISBN: 9787040449655
Publication Date: March, 2016
Pages: 186

Analysis and Study of American Mathematical Contest Questions in Modeling (Volume 5) 美国大学生数学建模竞赛题解析与研究 (第5辑)

- This book focuses on 3 questions of the 2013 MCM/ICM, which are, the optimum ovenware for chocolate cake, the optimum deployment of fresh water resource, and the critical point of health of the earth's ecological environment. As the contest papers were written in English and in consideration of the requirements by multi-level readers, this book is divided into 2 parts, one in idiomatic English and the other in Chinese, which will facilitate the readers in understanding the requirements first and gradually writing and thinking in English.

Author:

Wang Jie, director of the Network and Information Security Center, University of Massachusetts, teaching network security/computer science, author of *Computer Network Security: Theory and Practice*.



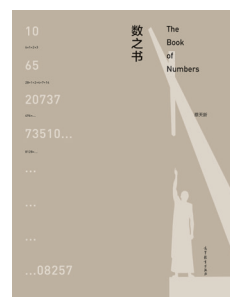
ISBN: 9787040339147
Publication Date: June, 2014
Pages: 251

The Book of Numbers 数之书

- It is a book about integer (sometimes rational numbers are also involved) which every graduate of secondary schools or schools of higher educational level can understand.

Author:

Cai Tianxin, professor and doctoral supervisor of the Department of Mathematics, Zhejiang University, being in charge of several projects of number theory and mathematical history supported by the Natural Science Foundation of China, and several projects of Foreign Literature supported by the National Social Science Foundation of China.



ISBN: 9787040409321
Publication Date: September, 2014
Pages: 259

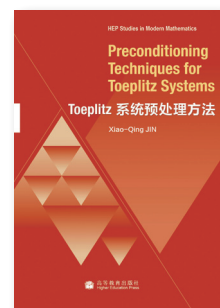


Preconditioning Techniques for Toeplitz Systems (English Version) Toeplitz系统预处理方法 (英文版)

- This book contains several important research results on iterative Toeplitz solvers obtained in recent years. It mainly studies some well-known preconditioners from a theoretical viewpoint. An application of preconditioners to systems of ordinary differential equations (ODEs) is also discussed.
- The book could be accessible to senior undergraduate students who, in various scientific computing disciplines, have basic linear algebra, calculus, numerical analysis and computing knowledge. It will also be useful for researchers and computational practitioners who are interested in fast iterative Toeplitz solvers.

Author:

Jin Xiaoping, doctor, professor of the Department of Mathematics, the University of Macau.



ISBN: 9787040295320
Publication Date: December, 2009
Pages: 108

Modern Variational Method of Quasi-linear Elliptic Equations 拟线性椭圆型方程的现代变分方法

- This book focuses on the application of modern variational theories, among which it particularly presents many newly published results on the critical point theory in the study of the existence and multiplicity of solutions of quasi-linear elliptic equations. This book can be used as a textbook for postgraduates in mathematics and applied mathematics, a reference book for mathematics and physics researchers in non-linear elliptic equations, nonlinear functional analysis and nonlinear Schrödinger equations.

Author:

Shen Yaotian, professor and doctoral supervisor of the School of Applied Mathematics, South China University of Technology.



ISBN: 9787040476743
Publication Date: June, 2017
Pages: 238

An Introduction to Riemann Surfaces 紧黎曼曲面引论

- This book mainly discusses Riemann surfaces, with a focus on the proving and applications of the Riemann-Roch theorem. With a series of modern mathematics concepts and methods as tools, the book can serve as an introduction to many aspects of modern mathematics, and as a recommended reference book for senior students, graduates, teachers, and other professionals in mathematics.

Author:

Wu Hongxi, renowned geometrician and mathematics educator, professor emeritus of UC Berkeley.



ISBN: 9787040468625
Publication Date: December, 2016
Pages: 258

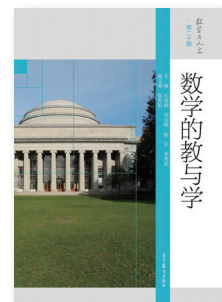
The Teaching & Study of Mathematics

数学的教与学

- This is an interesting book with rich contents. It covers various aspects in mathematics teaching and studying through mathematicians' views. The book is a good reference to middle school teachers and students, university students and mathematics fans.

Author:

Shing-Tung Yau, chair professor of Harvard University, academician of American Academy of Sciences, foreign academician of Chinese Academy of Sciences and Russian Academy of Sciences.



ISBN: 9787040449969
Publication Date: May, 2016
Pages: 157

Mathematics Life of Shing-Tung Yau

丘成桐的数学人生

- The book describes ethics and sentiments of a mathematician in pursuing for fact and aesthetics, how he faces various challenges with broad mind, and how he got up his courage to overcome the difficulties on the way to the top of world's science research.

Author:

Shing-Tung Yau, chair professor of Harvard University, academician of American Academy of Sciences, foreign academician of Chinese Academy of Sciences and Russian Academy of Sciences.



ISBN: 9787040453652
Publication Date: May, 2016
Pages: 235

Dimensional Analysis and Lie Group

量纲分析与Lie群

- This book systematically introduces the dimensional analysis and Lie group. For the dimensional analysis part, it expounds on the basic concepts and methods, and displays its universality through a series of instances. For the Lie group part, it introduces the concept of symmetry of Lie Group, and shows the strength of the symmetrical method of Lie Group through a series of instances.

Author:

Sun Bohua, professor and member of the School Affairs Committee of Cape Peninsula University of Technology, and academician of the South African Academy of Sciences(2010).



ISBN: 9787040455175
Publication Date: June, 2016
Pages: 267



Soil Mechanics for Loess Soils 黄土土力学

- The book is a systematic discussion of various issues of loess soil mechanics, including its geological, physical, hydro-physical, saturating, strength, deformation, dynamic and unsaturated soil mechanical characteristics. It also covers the design, construction and stability enhancing in foundation, slope, and cavity engineering. The book includes major results in loess research in the last 50 years.

Author:

Xie Dingyi, professor and doctoral supervisor of geotechnical engineering in Xi'an University of Technology.



ISBN: 9787040457292
Publication Date: September, 2016
Pages: 351

Condensed Matter Physics (Volume I) 凝聚态物理学 (上卷)

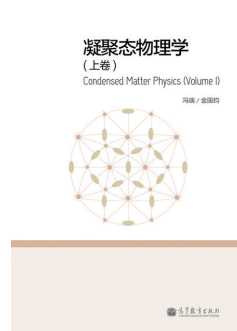
Condensed Matter Physics (Volume II) 凝聚态物理学 (下卷)

- The books establish a reasonable and clear concept system for the condensed matter physics and introduces the readers a complete and systematic view of the subject.

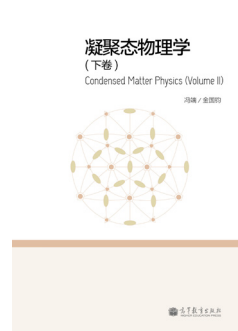
Authors:

Feng Duan, leading authority in physics.

Jin Guojun, professor of physics, doctoral supervisor of Nanjing University.



ISBN: 9787040367584
Publication Date: November, 2013
Pages: 711



ISBN: 9787040367577
Publication Date: September, 2013
Pages: 603

Stamps & Science (Revised Edition) 方寸格致——邮票上的物理学史 (增订版)

- About 4,000 beautiful stamps in this book give a vivid and systematic presentation of the history of physics from ancient Greek to the modern times. The touching stories of scientists in it make it quite readable.

Author:

Qin Kecheng, professor of Peking University.



ISBN: 9787040386943
Publication Date: June, 2014
Pages: 741

Physical Chemistry (English Version) 物理化学 (英文版)

- This book contains various in-depth topics with a focus on basic principles, new trends and applications. The book is composed of five parts: equilibrium, rate, structure, statistics, and extension, covering the macroscopic level, the transition level and the macroscopic level. General problems and numerical problems are provided to enhance the learning.
- English Version sold.

Author:

Hu Ying, professor of physical chemistry and chemical engineering of East China University of Science and Technology.



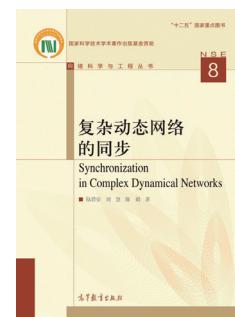
ISBN: 9787040355260
Publication Date: December, 2012
Pages: 817

Synchronization in Complex Dynamical Network 复杂动态网络的同步

- The research of complex dynamic network develops rapidly, with new achievements emerging consistently. This book covers fundamental theories, methods and some applications in this area, including some frontier issues. With precise mathematic derivation and understandable examples, the book raises some issues for further study based on analysis.

Author:

Lu Jun'an, professor and doctoral supervisor of the School of Mathematics and Statistics, Wuhan University.



ISBN: 9787040451979
Publication Date: June, 2016
Pages: 267

Computer Chemistry and Molecular Design (English Version) 计算机化学与分子设计 (英文版)

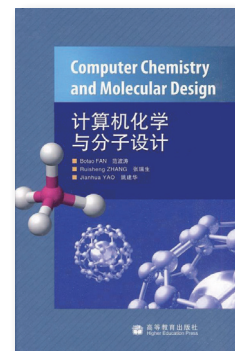
- This book consists of two parts: computer chemistry and molecular design. It introduces several approaches adopted in molecular design step by step. By means of molecular graph and presentation, it also introduces several methods in computer chemistry concerned with molecular design: property recognition of chemical structure, artificial neural network and data analysis.
- Computer-aided molecular design is closely related with drug discovery, pesticide design, food chemistry, environment chemistry, etc.
- This book can be used as a reference book for those who are engaged or interested in computer-aided molecular design.

Authors:

Fan Botao, doctor, professor of University of Paris.

Zhang Ruisheng, doctor, professor of Lanzhou University.

Yao Jianhua, doctor, associate professor of Shanghai Institute of Organic Chemistry.



ISBN: 9787040182965
Publication Date: January, 2009
Pages: 512



Computer Network Security Theory and Practice (3rd Edition) 计算机网络安全理论与实践 (第3版)

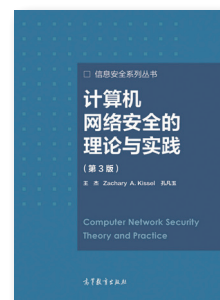
- With the guidelines of the second edition unchanged, the third edition has been updated with the latest developments in network security research including cloud security, side channel attacks, keylogger attacks, compilation measures that prevent buffer overflows, SHA-3 hash standards, bitcoin protocol, and electronic cash protocols, etc.

Authors:

Wang Jie, professor and dean of the Department of Computer Science, the University of Massachusetts Lowell.

Zachary A. Kissel, assistant professor of the Department of Computer Science, Merrimack College.

Kong Fanyu, associate professor of Shandong University, member of the Computer Security Committee, China Computer Federation.



ISBN: 9787040486179
Publication Date: November, 2017
Pages: 412

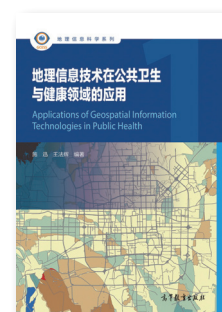
Application of Geospaital Information Technology in Public Health 地理信息技术在公共卫生与健康领域的应用

- This book makes a comprehensive, systematic and in-depth introduction to the function and application of geographic information technology in the field of public hygiene and health, popularizing relevant theories, methods and technologies and associated policies and management experience of developed countries, and discusses the application and development in specific domestic environment.

Authors:

Shi Xun, associate professor of Geography Department of the Dartmouth College of the U.S., director of the Health and Medicine Geography Professional Committee of the American Geographers Association(2014-2015).

Wang Fahui, tenure of the Geography and Anthropology Department of the Louisiana State University of the U.S.



ISBN: 9787040440522
Publication Date: February, 2016
Pages: 277

Key Scientific Issues of Quantitative Remote Sensing 定量遥感若干关键科学问题研究

- This book discusses authenticity testing and scale transformation of quantitative remote sensing product, retrieval of non-remote-sensing parameters, energy non-closure of surface fluxes and horizontal temperature advection, etc.

Author:

Zhang Renhua, researcher of the Institute of Geographic Sciences and Natural Resources Research, the Chinese Academy of Sciences.



ISBN: 9787040440515
Publication Date: January, 2016
Pages: 170

Electromagnetic Fields and Waves (2e) (English Version) 电磁场与电磁波 (第2版) (英文版)

- This book focuses on the analysis and research of electromagnetic fields and waves in the framework of alternating fields. It introduces the theory of transmission lines, and discusses microwaves and light waves.
- English Version sold.

Author:

Yang Rugui, professor and doctoral supervisor of Southwest Jiaotong University.



ISBN: 9787040362084
Publication Date: January, 2013
Pages: 476

Structrue Principles of Engineering Materials 工程材料结构原理

- This book systematically introduces the translational symmetry and point symmetry of the crystal texture of the engineering material, and the basic concepts and relevant principles to describe the crystal system, dot matrix, dot group and spatial group of the symmetry. The book also expounds on the concepts and testing principles of the crystal orientation and multi-crystal organizational texture, and introduces the structural features of common crystals and the diffraction principle of crystal texture.

Authors:

Yang Ping, chief professor and doctoral supervisor of the University of Science and Technology Beijing.

Mao Weimin, professor and doctoral supervisor of the University of Science and Technology Beijing.



ISBN: 9787040464344
Publication Date: November, 2016
Pages: 355

Engineering Materials 工程材料学

- This book introduces the application performance and features of engineering parts and components and the major failure mode of engineering materials, then analyzes the behavior of engineering materials against the effect of mechanical load, thermal load, environmental (corrosive medium) load and compound load, with emphasis on the rationale and technical measures to improve the strength, thermal resistance and resistance against environmental corrosion of engineering materials.

Author:

Du Yongguo, professor of the College of Aerospace Science and Engineering, National University of Defense Technology.



ISBN: 9787040439380
Publication Date: December, 2015
Pages: 661



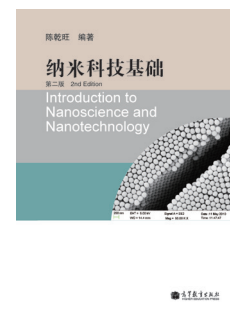
Introduction to Nanoscience and Nanotechnology (2e) 纳米科技基础 (第2版)

- This book involves the physical and chemical basis, technological characteristics, and application prospect of nanoscience. Chapters in this book include from atom to materials, typical nanometer materials—cnt, and low-dimensional nanostructures, etc.

Series: Nanoscience and Technology Series

Author:

Chen Qianwang, professor and doctoral supervisor of the School of Chemistry and Materials Science, the University of Science and Technology of China, with 12 domestic and overseas patents for invention, wrote over 220 published SCI indexed papers, which are cited and commented for over 2,800 times by *Science*, *Nature*, and other international periodicals and monographs.



ISBN: 9787040386509
Publication Date: January, 2014
Pages: 268

Materials and Human Society: Brief Introduction to Materials Science and Engineering 材料与人类社会：材料科学与工程入门

- This book is intended for high schools, science graduates and their parents as the reference materials when they are applying for universities and colleges; and for junior college students majoring in material science as introductory textbooks; for senior college students of engineering majoring in other subjects as the textbooks of optional courses; and for ordinary readers as popular science readings as well.

Series: HEP Series in Materials Science and Engineering

Author:

Mao Weimin, professor and doctoral supervisor of the School of Material Science and Engineering, University of Science and Technology Beijing, engaged the teaching material science and engineering principles and material structures.



ISBN: 9787040408072
Publication Date: October, 2014
Pages: 267

Some Classic Cases in Materials Science Research (Volume I) 材料科学研究中的经典案例 (第1卷)

- In order to encourage postgraduates, young scientific researchers and professionals to develop interest in their majors, to share joy brought by scientific research and to pursue truth of science, the book analyzes classic innovation cases and typical characters in the history of materials development, which reflect significant influence the materials science carries onto social development.

Series: HEP Series in Materials Science and Engineering

Author:

Shi Changxu, academican of the Chinese Academy of Sciences, the Chinese Academy of Engineering, and the Third World Academy of Sciences.



ISBN: 9787040401905
Publication Date: July, 2014
Pages: 301

Yield Criteria and Plastic Stress-Strain Relations Theory and Application

屈服准则与塑性应力——应变关系理论及应用

- This book is the first domestic monograph on yield criterion and plastic stress-strain relation. It is structured into 8 chapters, including mises yield criterion, uniaxial tension mechanical properties of the latest materials in aerospace and auto fields, P-M test, yield characteristics of anisotropic materials, stress-strain-order-corresponding rules and relevant tests derived from levy-mises stress-strain relation incremental theory, and stress-strain analysis examples of multiple plastic working processes, etc.

Series: HEP Series in Materials Science and Engineering

Author:

Wang Zhongren, director of the Spherical Container Design Institute of the School of Material Science and Engineering, Harbin Institute of Technology, teaching plastic processing principles, plastic forming mechanics, and special plastic forming.



ISBN: 9787040395044
Publication Date: July, 2014
Pages: 417

Theory and Method of Systematized Design

系统化设计的理论和方法

- This book discusses systematized design: one of the major innovations in design. It addresses the theories and methods of systematized design from the perspective of scientific methodology and deals with innovations in design based on system engineering. Wen's work proves to be a great reference book for R&D managers, product designers, researchers, teachers and students in universities and technical schools.

Author:

Wen Bangchun, professor of Northeastern University and academician of the Chinese Academy of Sciences.



ISBN: 9787040481778
Publication Date: October, 2017
Pages: 348

Microstructure Identification of Alloy Steels

合金钢显微组织辨识

- This book contains the ways of identifying austenite, ferritic, carbide structures, pearlite, bainite, martensitic structures, and tempered and desolvation structures for quenched steel, and various types of flawed structures. It also provides a summary of the types, causes, imaging mechanisms for alloyed steel microscopic structures and theoretical foundation and processing measures for solutions.
- This is a helpful reference book for researchers, engineers, technicians, teachers, undergraduates, and graduates who specialize in metallic material.

Author:

Liu Zongchang, professor of Inner Mongolia University of Science and Technology and served as member of Heat Treatment Society, an institution under Chinese Mechanical Engineering Society.



ISBN: 9787040468687
Publication Date: February, 2017
Pages: 322



Challenges and R&D Opportunities of Smart Grids 智能电网的挑战与研发机遇

- This is one of the 2015 series from International Top-Level Forum on Engineering Science and Technology Development Strategy hosted by the Chinese Academy of Engineering. Nearly 20 renowned experts from China, the United States, Britain, Germany, Sweden, Japan, Belgium, Australia, and other countries delivered theme reports and made exchanges and discussions about the basic concepts, challenges, and R&D opportunities of smart grids. This book includes dissertations and expert reports about the basic concepts, framework, development summary, and key technical areas for smart grids. It is an informative reference book for smart grid researchers.

Author:

The Chinese Academy of Engineering.



ISBN: 9787040474510
Publication Date: March, 2017
Pages: 241

Frontiers of Mechanical Engineering Series 机械工程前沿著作系列

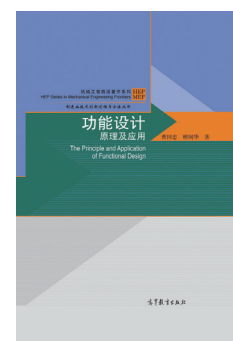
The Principle and Application of Function Design 功能设计原理及应用

- The book provides functional design method of systematized product, and the solution to difficulties in design process of product function, in order to support technical and product innovation of enterprises.

Authors:

Cao Guozhong, professor of Hebei University of Technology, deputy director of National Engineering Research Center for Technological Innovation Method and Tool.

Tan Runhua, professor, doctoral supervisor of Hebei University of Technology.



ISBN: 9787040455434
Publication Date: September, 2016
Pages: 296

Diagnostic Technology of Gearbox's Early Failure — Fractional Fourier Transform Principle and Its Applications 齿轮箱早期故障精细诊断技术——分数阶傅里叶变换原理及应用

- The book introduces early precise detection technology for gearbox failure. With the analysis of non-steady state gearbox vibration signal under transient working condition, diagnosis without disassembly can be achieved. This is a significant achievement for avoiding accident and reducing economic loss.

Authors:

Mei Jianming, associate professor of Military Transportation University.

Xiao Yunkui, professor and doctoral supervisor of Military Transportation University.



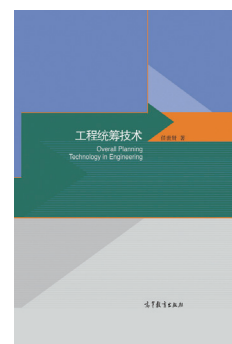
ISBN: 9787040451528
Publication Date: June, 2016
Pages: 246

Overall Planning Technology in Engineering 工程统筹技术

- This book uses BANT3.0 in networking planning composition and solution to living examples, in order to demonstrate correctness and reliability of structure symbol network planning technology.

Author:

Ren Shixian, research director of Guizhou Computer Software Development Center.



ISBN: 9787040447675
Publication Date: March, 2016
Pages: 300

Structure Freedom Degree Calculation—Principle and Method 机构自由度计算——原理和方法

- The book introduces general theory and formula of freedom degree, created by Huang Zheng based on counter-screw theory. With screw theory fundamental and various actual examples, a new freedom degree unify principle is recommended to readers for their basic knowledge of freedom degree, so that they can make simple and correct freedom degree analysis for various structures in their work.

Author:

Huang Zheng, professor of the School of Mechanical Engineering, Yanshan University.



ISBN: 9787040444254
Publication Date: January, 2016
Pages: 273

Failure Analysis of Mechanical Systems Based on TRIZ 基于TRIZ的机械系统失效分析

- This book starts from basic concepts and methods of failure analysis, then discusses feasibility of the application of TRIZ in failure analysis. It describes TRIZ application in model building of failure analysis, failure mode building, failure selection, failure order and failure solution. The book gives a complete process model based on TRIZ mechanical system failure analysis. It also provides a lot of engineering cases for demonstration and verification.

Author:

Tan Runhua, professor and vice president of Hebei University of Technology.



ISBN: 9787040455168
Publication Date: August, 2016
Pages: 233



International Top-level Forum on Engineering Science and Technology Development Strategy (Chinese English Bilingual) : **国际工程科技发展战略高端论坛 (中英双语版) :**

Author:

The Chinese Academy of Engineering.

Development of and International Cooperation on Engineering Education: Opportunities, Challenges and Mission

国际工程教育发展与合作：机遇、挑战和使命

- This book is a publication on the 2015 midyear International Top-level Forum on Engineering Science and Technology Development Strategy—International Development & Cooperation on Engineering Education: Opportunities, Challenges and Mission.



ISBN: 9787040466287

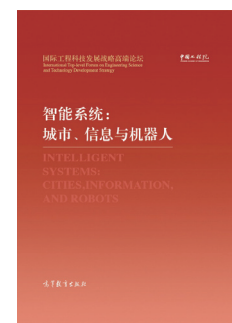
Publication Date: November, 2016

Pages: 209

Intelligent System: Cities, Information and Robots

智能系统：城市、信息与机器人

- This book is a publication on the 2015 midyear International Top-level Forum on Engineering Science and Technology Development Strategy—Intelligent System: City, Information and Robot.



ISBN: 9787040440935

Publication Date: June, 2016

Pages: 171

Translational Medicine and the Future of Human Health

转化医学与人类健康未来

- This book collects works and pioneer academic viewpoints of domestic and international scholars in medical area.



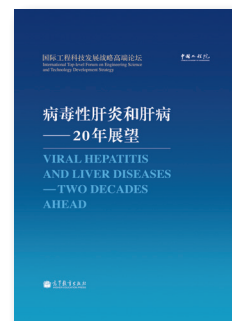
ISBN: 9787040439113

Publication Date: March, 2016

Pages: 265

Viral Hepatitis and Liver Diseases: Two Decades Ahead 病毒性肝炎和肝病: 20年展望

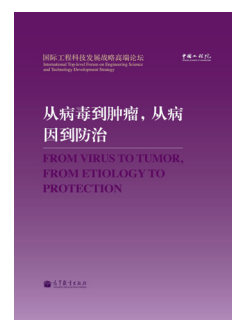
- The book is a corresponding publication for the International Top-level Forum 2012 on Engineering Science and Technology Development Strategy: Viral Hepatitis and Liver Diseases—Two Decades Ahead, covering contents of epidemiological characteristics of viral hepatitis, immune responses and the development of new vaccines, antiviral therapy, diagnosis and treatment of liver cancer and a new direction for future treatment of liver disease and other new models.



ISBN: 9787040372595
Publication Date: June, 2013
Pages: 176

From Virus to Tumor, from Etiology to Protection 从病毒到肿瘤, 从病因到防治

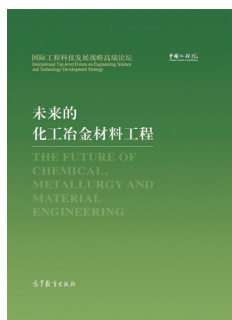
- This book mainly discusses the glorious achievements in elucidating molecular mechanisms of virus and tumor genesis in the past few decades and how to transform the brilliant discoveries into clinical practices.



ISBN: 9787040385557
Publication Date: 2013
Pages: 96

The Future of Chemical, Metallurgy and Material Engineering 未来的化工冶金材料工程

- This book is a collection of relevant reports and abstracts from 2014 International Top-level Forum on Engineering Science and Technology Development Strategy. Its content covers the latest achievements in advanced material, biotechnology and computer simulation system, metallurgical technology, etc.



ISBN: 9787040440232
Publication Date: February, 2016
Pages: 155

Information Network and Social Development 信息网络与社会发展

- This book includes topics in big data development and social network analysis, research and analysis on internet social network, human perspective on internet, challenge and technical innovation of internet development, etc.



ISBN: 9787040437751
Publication Date: February, 2016
Pages: 215



Challenges for HPC Architectures, Strategies and Prospects 高效能计算机体系结构挑战、对策与前景展望

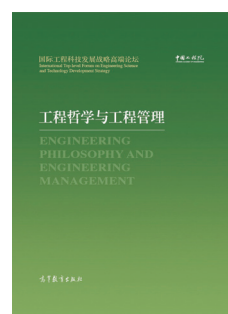
- The content includes up-to-date research achievements in the supercomputer R&D directions, analysis and evaluation of challenges and performance for E-scale computing systems, proactive cognitive reconfigurative computing architecture, multi-scale computers and computing methodology.



ISBN: 9787040385571
Publication Date: 2013
Pages: 203

Engineering Philosophy and Engineering Management 工程哲学与工程管理

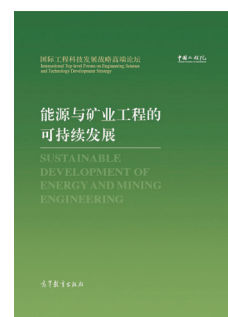
- The book is a collection from 2014 International Top-level Forum on Engineering Science and Technology Development Strategy—Engineering Philosophy and Engineering Management.



ISBN: 9787040440263
Publication Date: January, 2016
Pages: 404

Sustainable Development of Energy and Mining Engineering 能源与矿业工程的可持续发展

- The book is a publication on 2014 International Top-level Forum on Engineering Science and Technology Development Strategy—Sustainable Development of Energy and Mining Engineering.



ISBN: 9787040439120
Publication Date: January, 2016
Pages: 224

Membrane Technology for Gas and Liquid Separations and Purifications 膜技术在水和气体净化中的应用

- The book is published for the program of Industrial Applications of Membrane Material at the International Forum on Engineering Science and Technology Development Strategy 2013. Ten volumes of such publications are issued each year.



ISBN: 9787040412581
Publication Date: November, 2014
Pages: 215

Safe Construction and Risk Management of Major Underground Engineering 重大地下工程安全建设与风险管理

- Three key subjects discussed are: cataclysm mechanism and regulating systems, design theory and methods, safety risk evaluation theory and a management system for significant underground engineering under complicated geologic and environmental conditions.



ISBN: 9787040370096
Publication Date: June, 2013
Pages: 318

Approach for Achievement of Recycling Economy of Biomass Waste 实现生物质废弃物的循环经济技术途径

- Three main subjects discussed in this book are: the status and the role of biomass recycling economy, described from the perspective of macroeconomic policy; the feasibility and solutions of recycling economy, discussed at the level of chemical processing of biomass and bio-processing technology; the biomass recycling efficiency, discussed in terms of the formation of circular economy industrial chain from biomass.



ISBN: 9787040365542
Publication Date: 2013
Pages: 205

Chinese Contemporary Architectural Design Development Strategy 中国当代建筑设计发展战略

- This book discusses the promotion of Chinese native architectural culture, the positions of and the relationship between Chinese and foreign architects in today's Chinese architectural market, as well as urban construction bidding system and decision-making mechanism. This book not only propels China's architectural theory and practice, but also has far-reaching and profound influence on the system perfection and industrial development of architectural design.



ISBN: 9787040411621
Publication Date: October, 2014
Pages: 367



Seismic Safety of Nuclear Power Plant 核电站地震安全

- Seismic safety of nuclear power plant issues, key development areas of seismic safety of nuclear power plants in the future and seismic isolation technology in nuclear power plants are discussed in this book, providing many forward-looking proposals and countermeasures.



ISBN: 9787040385564
Publication Date: 2013
Pages: 205

Innovation and Development of Structures & Structural Modal Properties Measurement and Applications 工程结构创新与发展暨结构模态测试与应用

- It is published as the conference proceedings for the Forum on Innovation in and Development of Engineering Structures & Tests and Applications of Structural Modes at International Top-level Forum on Engineering Science and Technology Development Strategy 2016.
- In combination with the 2035 Study on Development Strategy of Engineering Technologies in China, this forum deals with the innovation and development related to engineering structures in China and proposed strategies for its development based on findings and suggestions from Chinese and foreign academicians and experts.



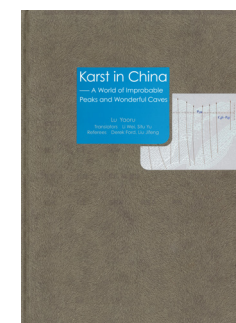
ISBN: 9787040474213
Publication Date: April, 2017
Pages: 179

Karst in China — A World of Improbable Peaks and Wonderful Caves 中国喀斯特地貌

- With a series of photos and figures, the book reveals the features and rules of karst development in China, reflects upon the construction achievements, and summarizes a lifetime's experience of geological studies in these great karst lands.

Author:

Lu Yaoru, academican, Chinese Academy of Engineering.



ISBN: 9787040338904
Publication Date: July, 2012
Pages: 380

Frontiers in Geoinformatics

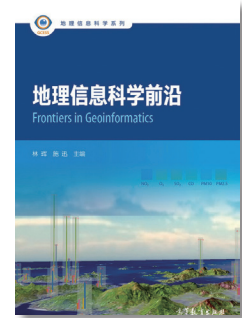
地理信息科学前沿

- This book provides a full review and outlook on the cutting-edge issues in geographic information science. It contains new analytical methods including CyberGIS and classic spatial statistics methods, as well as the open-source geographic information systems and spatial analysis software.
- This is a useful reference for university students, teachers, and researchers specializing in geographic information systems, remote sensing and geography, ecology, environment, land management and planning, and public health.

Authors:

Lin Hui, member of International Eurasian Academy of Sciences, president of and professor of the Institute of Space and Earth Information Science, the Chinese University of Hong Kong.

Shi Xun, professor of geography at Dartmouth College.



ISBN: 9787040480962

Publication Date: July, 2017

Pages: 436

Natural History (Volumes 1-10)

自然史 (第1-10卷)

- This encyclopedic narration includes the histories of the earth, mankind, animals, birds, reptiles, and minerals. Based on a great deal of scientific observations, this book provides a detailed account of various natural phenomena from a materialistic perspective and explains the origin and development of the earth and organisms in vivid language. The author also proposes far-reaching ideas such as "changeable species," which means that organisms change under the influence of geography, climate, and other organisms and eventually result in new species.

Author:

Georges Louis Leclerc de Buffon, renowned French naturalist, mathematician, and cosmologist.



ISBN: 9787040483116, 9787040483123, 9787040483130,
9787040483147, 9787040483154, 9787040483161,
9787040483178, 9787040483185, 9787040483192,
9787040483208

Publication Date: August, 2017

Pages: 162, 172, 174, 178, 192, 222, 206, 220, 229, 188

Modern Design Theory and Method of Full-face Tunnel Boring Machine Cutterhead System

全断面隧道掘进机刀盘系统现代设计理论及方法

- This book sheds light on several key issues, design theories, methods, and technical systems for the cutter body system of tunnel boring machines (TBMs).
- This book can be used as reference for structure designers and analysts of tunnel engineering and as teaching materials for university graduates and teachers.

Authors:

Huo Junzhou, Doctor of Engineering, associate professor and doctoral supervisor of the School of Mechanical Engineering, Dalian University of Technology.

Sun Wei, professor and doctoral supervisor of Dalian University of Technology.



ISBN: 9787040469462

Publication Date: February, 2017

Pages: 385



Application of Small Unmanned Aerial Vehicles: Environmental Protection and Conservation of Soil and Water

小微型无人机应用——环境保护和水土保持

- Aiming at the application of small Unmanned Aerial Vehicles (UAVs) in environmental protection, this book provides knowledge about UAVs, relevant laws, rules and regulations, fundamentals about flying, and latest trends.
- This book can be helpful in the training for environmental protection and conservation of water and soils, or for the enjoyment of readers interested in UAV technologies and their applications.

Author:

Cai Zhizhou, expert of the Ministry of Environmental Protection, the Ministry of Transport, the Ministry of Water Resources, and China Railway.



ISBN: 9787040476699
Publication Date: July, 2017
Pages: 194

Civilian Unmanned Aerial Vehicles and Their Industrial Applications

民用无人机及其行业应用

- With a great deal of living cases, this book addresses key technologies, advantages and development trends of the small unmanned aerial vehicles (UAVs) and elaborates on fundamental knowledge about UAVs and key engineering projects.
- This book can be used as training materials for UAV professionals in various industries.

Author:

Cai Zhizhou, expert of the Ministry of Environmental Protection, the Ministry of Transport, the Ministry of Water Resources, and China Railway.



ISBN: 9787040465440
Publication Date: January, 2017
Pages: 173

Mechanics of Materials (I) (6th Edition)

材料力学 I (第6版)

- Volume I contains fundamentals about the mechanics of materials including: stretching, contraction and cutting, torsion, internal bending force, bending stress, and bending deformation.

Author:

Liu Hongwen, professor of Zhejiang University, former member of the Editorial Review Board under the Ministry of Education and former dean of the School of Aeronautics and Astronautics, Zhejiang University.



ISBN: 9787040479751
Publication Date: July, 2017
Pages: 394

Mechanics of Materials (II) (6th Edition)

材料力学 II (第6版)

- Volume II dives into advanced contents about the mechanics of materials including dynamic load, alternating stress, additional questions about bending, energy methods, statically indeterminate structure, and plane curved bars. It is a recommendable textbook on mechanics of materials for undergraduate students studying mechanics of materials.

Author:

Liu Hongwen, professor of Zhejiang University, former member of the Editorial Review Board under the Ministry of Education and former dean of the School of Aeronautics and Astronautics, Zhejiang University.



ISBN: 9787040479768
Publication Date: July, 2017
Pages: 273

Big Data Foundation of Computing Theory: Parallel and Interactive Computation

大数据计算理论基础：并行和交互式计算

- This is a useful book on topics including pan-structural theories about big data, parallel NC computing, LNC and LL computing, IP computing, and NC function approximation, big data value, Turing machines, and complicated questions. This book can be used as senior textbook for computer science, computer mathematics and relevant majors, or as reference materials for professionals in high-performance parallel computing.

Author:

Chen Guoliang, academician of the Chinese Academy of Sciences (CAS), dean and doctoral supervisor of the College of Computer Science & Software Engineering, Shenzhen University.



ISBN: 9787040477641
Publication Date: October, 2017
Pages: 218

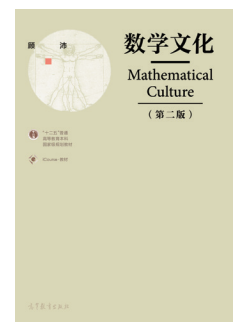
Mathematical Culture (2nd Edition)

数学文化 (第二版)

- With focus on the efficient combination of science and culture in education, Gu's work can be used as textbook or extracurricular on mathematical culture for undergraduates, and as reference book for elementary/secondary school teachers.

Author:

Gu Pei, professor of the School of Mathematical Sciences, Nankai University, winner of the first National Prestigious Teacher Award.



ISBN: 9787040471281
Publication Date: November, 2017
Pages: 237



Systematic Anatomy 系统解剖学

- This book includes chapters of introduction, the motor system, the splanchnology, the vasculature system, the sensory organs, the nerve system, and the endocrine system. *Systematic Anatomy* is applicable to all medical disciplines, such as clinical medicine, preclinical medicine, and preventive medicine. It can provide reference for clinical medical workers and medical researchers.

Author:

Huang Wenhua, professor of Southern Medical University, director of the School of Basic Medical Sciences, mainly engaged in scientific research and anatomy teaching.



ISBN: 9787040386530
Publication Date: January, 2014
Pages: 398

Wall Chart Set of Human Anatomy (Chinese-English Bilingual) 人体解剖学挂图 (中英双语版)

- This book consists of five parts: motion system, digestive system, vascular system, sensory organs, as well as nervous and endocrine systems. 418 images comprehensively and vividly display morphology and structure of the normal human body, the complex relations between morphology and structure, pointing out the close relations among the important parts of the human body so that the complex structure can be understood easily.

Author:

Zhong Shizhen, academican of the Chinese Academy of Sciences.



ISBN: 9787040302325
Publication Date: June, 2010
Pages: 202

Histology and Embryology (2nd Edition) 组织学与胚胎学 (第2版)

- Color printing with a large number of beautiful light microscope images and quality electron microscope photos. Each chapter ends with PBL cases and scientific research progress.

Author:

Shi Yuxiu, winner of China's National Awards Outstanding Teachers in Colleges and Universities, professor of China Medical University.



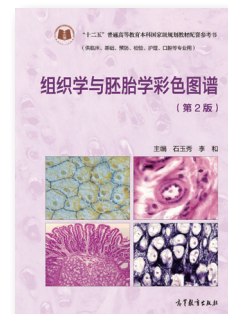
ISBN: 9787040374698
Publication Date: July, 2013
Pages: 296

Atlas of Histology and Embryology (2nd Edition) 组织学与胚胎学彩色图谱 (第2版)

- Color printing with more than 400 pictures. In the section of histology, the light microscope images and electron microscope photos are real representation of histological structures. The pictures in embryology section are 3D models and planar graphs.

Author:

Shi Yuxiu, winner of National Awards Outstanding Teachers in Colleges and Universities, professor of China Medical University.



ISBN: 9787040329766
Publication Date: March, 2014
Pages: 139

Physiology (3rd Edition) 生理学 (第3版)

- Color printing with excellent illustrations. The book emphasizes form-function connection, combination of the basic and clinic research, and comparison between normality and abnormality.

Author:

Wang Tinghuai, professor of the Medical College, Sun Yat-Sen University and leading professor of physiology, one of the earliest professors on the Higher Educational Institutions Teacher Online Training Program by the Ministry of Education of China.



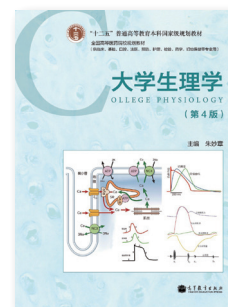
ISBN: 9787040416909
Publication Date: March, 2015
Pages: 410

Physiology for Undergraduates (4th Edition) 大学生理学 (第4版)

- The book is characterized by precision, novelty, practicability and enlightenment. Chinese-English bilingual key points of each chapter provide a guidance for learning to help understand the important and difficult points and charts. The book is provided with rich digital resources.

Author:

Zhu Miao Zhang, professor of the Fourth Military Medical University and the academic leader of certain academic areas of China.



ISBN: 9787040386578
Publication Date: December, 2013
Pages: 441



Pathology 病理学

- The book contains important contents of basic requirements on pathology teaching in colleges and universities, including the basic knowledge on clinic pathology, theory and application of common pathological experimental technology as well as case discussion in each chapter and appendixes.

Author:

Lai Maode, professor and chief physician, chairman of the Pathology Branch of the Chinese Medical Association, vice president of the Pathologist Branch of the Chinese Medical Doctor Association, president of China Pharmaceutical University.



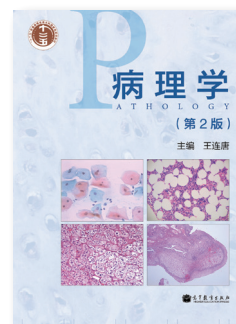
ISBN: 9787040415247
Publication Date: December, 2015
Pages: 438

Pathology 2nd Edition) (with digital courses) 病理学 (第2版) (配数字课程)

- This textbook is revised on the basis of the first edition. The first six chapters are general instructions, chapters 7-18 are supporting ideas for the general laws of pathology and pathologic changes of common diseases in different systems, and chapters 19-20 mainly introduce the clinical pathology and experimental techniques commonly used in pathology. Color printing is adopted and the book is illustrated vividly with both pictures and words.
- The book is designed for students in medical schools and universities, clinical medical workers and life science researchers, and people to attend the National Certified Medical Licensing Examination and the Graduate Record Examination.

Author:

Wang Liantang, professor, doctoral supervisor, member of the Standing Committee of the Guangdong Provincial Committee, Chinese Medical Association.



ISBN: 9787040364545
Publication Date: December, 2012
Pages: 320

Medical Immunology (3rd Edition) (Chinese-English Bilingual) 医学免疫学 (第3版) (中英双语版)

- The book introduces the basic contents and new knowledge of immunology, including four parts: general introduction, immune molecule, immune cell and immune response, and clinical immunology and applications.

Author:

Ma Chunhong, professor, doctoral supervisor, deputy dean of the School of Medicine, Shandong University, and the Youth Committee member of the Microbiology and Immunology Branch of the Chinese Medical Association.



ISBN: 9787040444674
Publication Date: January, 2016
Pages: 342

Medical Immunology (Color Version)

医学免疫学 (彩色版)

- This book includes four parts: the introduction to immunology, the basics of immunology, clinical immunology and the technology of immunology and its application. The first part introduces the concepts and development of immunology, the second focuses on the immune organs, cells, molecules and the immune response, the third on the clinical immunology, the fourth on the immunological technology and its application. The book is applicable to all medical disciplines, such as clinical medicine, preclinical medicine, and preventive medicine, and it can provide reference for clinical medical workers and medical researchers.

Author:

Si Chuanping, vice president of Jining Medical University, expert who is subsidized by special government allowances of the State Council of China, and China's National Prominent Teacher Prize winner.



ISBN: 9787040386547
Publication Date: January, 2014
Pages: 296

Drug Addiction: Basic Theories and Essential Practice Combining Chinese Traditional with Western Medicine (2nd Edition)

毒品成瘾的基本理论与中西医结合防治实践 (第2版)

- This book introduces basic theories and research methods of drugs and drug addiction, diagnosis and assessment of drug addiction, general principle of drug rehabilitation, traditional Chinese medicine treatment, Western medicine treatment, main drugs and relevant therapeutic, drug rehabilitation effect assessment, treatments of relevant public health symptoms and emergencies as well as nursing during the process of drug rehabilitation.

Author:

Shi Hongcan, director of the School of Medicine, Yangzhou University, doctor, and professor, mainly engaged in the research on the basics of medical science, clinic and artificial organs.



ISBN: 9787040339574
Publication Date: March, 2014
Pages: 329

Palliative Medicine: Hospice Care of Patients with Advanced Tumor

纾缓医学——晚期肿瘤的宁养疗护

- This book introduces basic concepts and new development of palliative treatment and hospice care, explains etiology and pathogenesis, clinic manifestation and features, treatment, as well as nursing assessment, nursing measures, living guidance, social work services, psychosocial care, spiritual care, caregivers' caring, and bereavement and grief counseling.

Author:

Office of Li Ka-shing Foundation "Heart of Gold" National Hospice Service Program.



ISBN: 9787040392777
Publication Date: April, 2014
Pages: 413

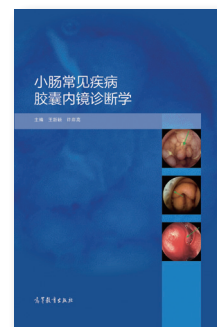


◀ Capsule Endoscopy in the Diagnosis of Small Intestine Diseases (Color Version) 小肠常见疾病胶囊内镜诊断学 (彩色版)

- This book provides data of the latest research progress of capsule endoscopy, makes systematic and deep introduction to application value of small intestine capsule endoscopy on diagnosis, treatment, and follow-up visits of Crohn's disease.

Author:

Wang Xinying, physician of Nanfang Hospital, Southern Medical University, engaged in clinical diagnosis, treatment, and basic research on digestive system neoplasm and inflammatory diseases.



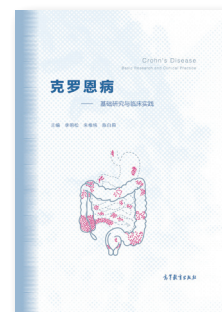
ISBN: 9787040394672
Publication Date: June, 2014
Pages: 117

◀ Crohn's Disease: Basic Research and Clinical Practice 克罗恩病——基础研究与临床实践

- This book has a comprehensive and systematic exposition of the epidemicity, etiology, pathology, different kinds of examination methods of Crohn's disease (CD) based on the latest findings. It discusses the differential diagnosis, along with the medical, endoscopic, surgical, and nutritional intervention for CD. Meanwhile, the correlation of CD and its treatment with fertility and opportunistic infection is having a further analysis here.

Author:

Li Mingsong, doctor of medicine, former researcher at the U.S. National Institutes of Health, professor and chief physician of Southern Medical University.



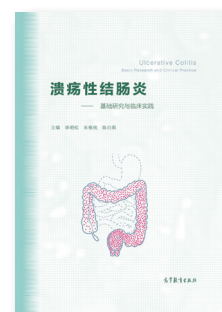
ISBN: 9787040416312
Publication Date: March, 2015
Pages: 473

◀ Ulcerative Colitis: Basic Research and Clinical Practice 溃疡性结肠炎——基础研究与临床实践

- This book has a comprehensive and systematic exposition of the epidemiology, etiology, pathology, endoscopies, radiology and laboratory examination of ulcerative colitis (UC) based on the latest findings. The book discusses the differential diagnosis, along with the medical, endoscopic, surgical, and nutritional intervention for UC. Meanwhile, the correlation of UC and its treatment with fertility and opportunistic infection is further analyzed here.

Author:

Li Mingsong, doctor of medicine, former researcher of the U.S. National Institutes of Health, professor and chief physician of Southern Medical University.



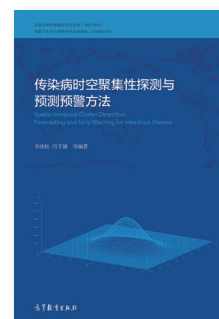
ISBN: 9787040416329
Publication Date: March, 2015
Pages: 395

▶ Spatio-temporal Cluster Detection, Forecasting and Early Warning for Infectious Diseases 传染病时空聚集性探测与预测预警方法

- Based on different characteristics of spatio-temporal analysis technology for infectious diseases, the book discusses corresponding methods in two aspects respectively, which are theories explanation and case analysis.

Author:

Li Xiaosong, director of West China School of Public Health Sichuan University and director of No. 4 West China Hospital.



ISBN: 9787040318517
Publication Date: March, 2014
Pages: 334

Traditional Chinese Medicine Series (Chinese-English Bilingual) 传统中医系列 (中英双语版)

This series of textbooks has 3 major advantages:

▶ Specialized: specialized contents suitable for coursework

- This series covers the fundamental and specialized courses for traditional Chinese medicine (TCM) majors. The textbooks are based on the syllabus for an undergraduate degree in TCM. They cover topics that are essential for those who are to take tests as certified doctors of TCM (acupuncturist). The textbooks interpret the fundamental theories of TCM using a large number of vivid graphs and tables; sort out the dialectic thinking using typical case studies and operational examples; and demonstrate the techniques of TCM. They focus on training students into thinking holistically and dialectically, and closely combine knowledge with clinical practice. Tradition and innovation are combined along with theory and practice to meet high-quality teaching and training needs.
- Chinese-English bilingual.

▶ Excellent: written by qualified experts

Initiated by colleges and universities well-known for their TCM education for international students, this set of textbooks is co-edited by experts, professors and researchers who have extended experience of teaching TCM to international students. Wang Yongyan, scholar from the Chinese Academy of Engineering, wrote the introduction for this set of textbooks.

▶ Integrity: accurate terminology and standardized translation

With full consideration to differences that international students may find in geography, culture, language and learning habits, the textbooks introduce and explain complicated TCM knowledge in plain language. A formal TCM terminology system is used and the English translations are strictly standardized.



ISBN	Title	Publication Date	Pages
9787040203340	Diagnostics of Traditional Chinese Medicine 中医诊断学	December, 2006	504
9787040216035	A Guide to Traditional Chinese Medicine Culture 中医文化导读	July, 2007	210
9787040223644	Clinical Fundamentals of Traditional Chinese Medicine 中医临床基础	January, 2008	424
9787040204964	Internal Medicine of Traditional Chinese Medicine 中医内科学	July, 2007	1,030
9787040203356	Basic Theories of Traditional Chinese Medicine 中医基础理论	June, 2007	465
9787040222395	Chinese Materia Medica 中药学	January, 2008	519
9787040204957	Formulas of Traditional Chinese Medicine 方剂学	December, 2006	705
9787040205534	Acupuncture and Moxibustion 针灸学	June, 2007	733



Traditional Chinese Diagnostics (with digital courses) 中医诊断学 (配数字课程)

- The book emphasizes basic theory, basic knowledge and basic skills training, as well as highlights the intensive training of traditional Chinese diagnostics skills and clinical dialectical thinking.
- The textbook is supported by digital resources, including curriculum videos, learning counseling, animation library, picture library, audio library, typical cases in training, exercises library, etc. Students can get those resources from the Internet, and gain more than the paper textbook provides.

Author:

Wang Yiqin, professor, doctoral supervisor, vice chairman of the Traditional Chinese Diagnostics Branch of China Association of Chinese Medicine.



ISBN: 9787040252804
Publication Date: December, 2012
Pages: 160

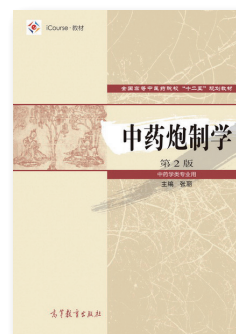
The Science of Processing Traditional Chinese Medicine (2nd Edition)

中药炮制学 (第2版)

- This book is a textbook mainly introducing the theory and application knowledge of TCM processing. Its general introduction mainly focuses on the basic theory of the science of TCM processing, and its other chapters respectively introduce all kinds of processing methods and procedures. Based on the current production practice, the book also introduces the industrial production and management of TCM decoction pieces.

Author:

Zhang Li, professor, doctoral supervisor and vice president of the School of Pharmaceutical Sciences, Nanjing University of Chinese Medicine



ISBN: 9787040457971
Publication Date: August, 2016
Pages: 361

Formulas of Traditional Chinese Medicine (2nd Edition)

方剂学 (第2版)

- This book introduces the principle theories such as the principles of pharmacy, and the relation between prescriptions and therapies. 21 chapters of this book separately introduce prescriptions for relieving superficies, purgation, reconciling superficies and interior warming, blood-regulating, anti-dryness, and phlegm-expelling etc.

Author:

Li Ji, professor and doctoral supervisor of Heilongjiang University, academic leader of TCM.



ISBN: 9787040387025
Publication Date: Jan, 2014
Pages: 257

Chinese Massage (2nd Edition)

推拿学 (第2版)

- This book introduces the principles of Chinese massage effect, the special clinical examination methods of Chinese massage, massage manipulations and treatments for adults and children, health care massage and massage practice. The book focuses on normalizing the framework of Chinese massage as a subject, standardizing conception, skills, cautions clinic applications of Chinese massage, and adds a great many practicable manipulation prescriptions and development achievements of Chinese massage in recent years.

Author:

Wang Zhihong, president of Changchun University of Chinese Medicine, professor and doctoral supervisor.



ISBN: 9787040374728
Publication Date: August, 2013
Pages: 244



Acupuncture and Moxibustion (2nd Edition) (Color Version) 针灸学 (第2版) (彩色版)

- This book makes systematic introduction to the basic theory, technique and clinic application knowledge of acupuncture-moxibustion. It contains the conception, historic development, state of development, overseas publicity, and international communication of acupuncture-moxibustion, description of the founding and characteristics of acupuncture-moxibustion, and summary of the study methods.

Author:

Wang Hua, president of Hubei University of Traditional Chinese Medicine, the academic leader of the science of acupuncture, moxibustion and massage, chairman of Minimally Invasive Acupotomy Committee, China Association of Acupuncture-Moxibustion.



ISBN: 9787040375084
Publication Date: November, 2013
Pages: 316

100 Questions about TCM (Chinese-Russian Version) 中医入门100问 (中俄文对照版)

- This book takes a form of question-answer to introduce the basic theories and timing of TCM in five parts, holistic view, view of differentiation of symptoms, view of four diagnostic methods, view of syndrome differentiation, and treatment view based on the holistic view of TCM and the treatments based on syndrome differentiation. The attached prescriptions and dosage (for adults) at the end of the book are for the readers' reference.

Author:

Liu Dexi, honorary director of Sanya Traditional Chinese Medicine Hospital, Hainan Province, chief physician of TCM, doctoral supervisor of Guangzhou University of Chinese Medicine.



ISBN: 9787040420081
Publication Date: March, 2016
Pages: 400

English for Traditional Chinese Medicine (Chinese-English Bilingual) 中医英语 (中英双语版)

- English for Traditional Chinese Medicine* highlights the characteristics of TCM and it is written in standard language. The book has unique designs, covers a wide range of topics and styles. It makes efforts to combine English with TCM, and aims not only to express TCM concepts in English, but also to emphasize the requirements and characteristics of English teaching and learning. It focuses on improving the students' ability to apply English for TCM so as to make the book an informative, interesting, inspiring and practical classroom textbook.

Author:

Feng Guibing, professor of the School of Humanities and Social Sciences, Guangzhou University of Chinese Medicine.



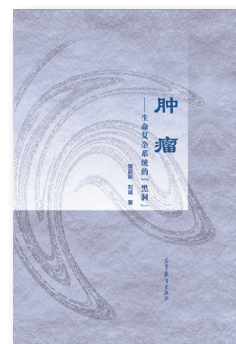
ISBN: 9787040215618
Publication Date: October, 2007
Pages: 183

Tumor—“Black Hole” of Living System (Color Version) 肿瘤——生命复杂系统的“黑洞”（彩色版）

- This book discusses the reasons why tumorigenesis is rooted in cell autonomy and cell selfishness, and the normality that order and disorder contain each other in multicellular organisms. It is pointed out that tumor microevolution origins from the activation and genovariation of the gene reprogramming mechanism of the living bodies, reflecting sufficient utilization of intrinsic life mechanism by tumorigenesis and unpredictability of its paths.

Author:

Fan Qichang, emeritus professor of the School of Life Sciences, Peking University.



ISBN: 9787040391312
Publication Date: June, 2014
Pages: 137

An Introduction to Life Science (3rd Edition) 生命科学导论（第3版）

- This book closely focuses on the theme of the development of life science in the past few decades, which is understanding life from molecular level, and introduces molecular components and metabolism of living organism as well as the mechanism of biologic genetics and biologic information transmission.

Author:

Zhang Weijie, senior professor of the School of Life Science and Biotechnology of Shanghai Jiao Tong University, engaged in the research on the structure, functions and applications of complex carbohydrates.



ISBN: 9787040445633
Publication Date: February, 2016
Pages: 260

Chen Yuezeng's General Biology (4th Edition) 陈阅增普通生物学（第4版）

- The fourth edition makes necessary amendments based on the content of the third edition according to the disciplinary development in recent years, which fulfills the requirements on general biology courses. The whole book is divided into 7 sections and 39 chapters, including cells, the forms and functions of the animals and plants, heredity and variation, biological evolution, biodiversity evolution, ecology, and animal behaviors.

Author:

Wu Xiangyu, professor of the School of Life Sciences, Peking University, and honorary president of Beijing Institute of Plant Biology, engaged in the research of plant physiology and biochemistry.



ISBN: 9787040396317
Publication Date: August, 2014
Pages: 539



Fine Structure and Morphology of Plants in China 中国植物精细解剖

- The book collects 1,088 species of plants, each representing its family, focuses on reproductive organs, and uses pictures to display ecological adaptability and living strategy as well as evolution features and rules of those plants. The book has 7,547 colorful photos in total and gives brief introduction on the unique shooting skills of precise anatomy.

Author:

Ma Weiliang, senior professor of East China Normal University, once served as the president of the Botanical Society of China and a member of the China Photographers Association.



ISBN: 9787040469912
Publication Date: January, 2017
Pages: 600

The Structure of Plants — An Atlas 植物结构图谱

- The atlas introduces structure of seed plants (especially angiosperm) with photomicrographs and brief descriptions. The book is composed of eight chapters, respectively introducing plant cells, tissues, stems, leaves, roots, flowers, seeds and fruit, presenting the entire growing process from a seed to a mature plant. As a teaching material of botany and plant developmental biology, the atlas is also valuable to plant structure researchers for reference.

Author:

Hu Shiyi, professor of the School of Life Sciences of Peking University, director of the Professional Board of Plant Reproduction Biology of the Botanical Society of China, the editorial board member of Chinese Bulletin of Botany and member of the Advisory Committee of Phytomorphology.



ISBN: 9787040453850
Publication Date: August, 2016
Pages: 168

Wild Orchids of China (Volume XIII) (Chinese-English Bilingual) 中国兰科属志 (第13卷) (中英双语版)

- This monograph is based on the results of the studies on the living orchid and the other relevant data. It introduces 200 categories and 1,400 species of native orchid plants in China.

Author:

Liu Zhongjian, vice chairman of the Orchid Specialist Group Asia, International Union for Conservation of Nature and Natural Resources (IUCN), chairman of the Chinese Commission on Orchid Conservation, vice president of the Orchid Society of China Council, and part-time professor of the Graduate School at Tsinghua University in Shenzhen.



ISBN: 9787040418606
Publication Date: January, 2016
Pages: 204

Atlas of Life History of Chinese Pine (Chinese-English Bilingual) (Disc)

油松生活周期图说 (中英双语版) (光盘)

- This atlas with captions in both Chinese and English illustrates the complete reproductive and developmental processes, including the ultrastructure of some important developing states of Chinese unique gymnosperms. More than 140 exquisite photos are selected from author's 30 years of teaching embryology of flowering plants courses and long-term accumulation of Chinese pine fertilization research. Images are clear and precious, description is refined and accurate. It is a very valuable reference for teaching and research. The atlas can be used as the reference for botany and plant embryology courses, and also for aid materials for plant development researchers.



ISBN: 9787894237095
Publication Date: April, 2015

Author:

Hu Shiyl, professor of the School of Life Sciences, Peking University.

The Checklist of Chinese Invasive Plants 中国入侵植物名录

- The book systemizes Chinese invasive plants in 94 families, 450 genus and 806 species and first categorizes the species of Chinese invasive plants into seven grades, which can be deemed as a guideline for management and a foundation for popularization of sciences and production practice guidance.



ISBN: 9787040376906
Publication Date: August, 2013
Pages: 324

Author:

Ma Jinshuang, doctor of plant taxonomy, researcher and deputy director of Shanghai Chenshan Plant Science Research Center of the Chinese Academy of Sciences.

The Survey Reports on Chinese Alien Invasive Plants 中国外来入侵植物调研报告

- This book records the general situation and the category of the invasive plants in China. It is divided into two volumes. Volume I includes such plants in northeast China, north China, northwest China, central China, and east China; volume II includes such plants in south China, south central China, and southwest China, the plants' scientific names in the whole book, and the index of their Chinese names.



ISBN: 9787040396522
Publication Date: July, 2014
Pages: 539

Author:

Ma Jinshuang, doctor of plant taxonomy, researcher and deputy director of Shanghai Chenshan Plant Science Research Center, the Chinese Academy of Sciences, specialized in the northern American and Chinese invasive plants and the natural history of metasequoia, founder and maintainer of the metasequoia website.



Plant Biology (3rd Edition)

植物生物学 (第3版)

- Conforming to the law of cognition, the book uses the knowledge of traditional botany and achievements of all branch subjects of plant science to introduce the whole picture of plant science systematically at the new height of scientific development. The book also organically combines the basic knowledge on cells, structure, physiology, genetic classification, system evolution and relationship between plants and environment.
- Traditional Chinese Version sold.

Author:

Yang Shijie, professor and doctoral supervisor of China Agricultural University, engaged in the research on the basic theories like plasmodesmata biology and spirulina biology as well as projects for development and utilization.



ISBN: 9787040465358

Publication Date: December, 2016

Pages: 360

Botany (2nd Edition)

植物学 (第2版)

- The book includes thousands of original colored images and illustrations, presenting microscopic, intractable and dynamic phenomenon in a visual way. It also has illustrations for terminology of seed plant morphology and demonstrations of 55 representative classifications.

Author:

Ma Weiliang, professor of Huadong Normal University.



ISBN: 9787040427776

Publication Date: August, 2015

Pages: 399

Practice Handbook in Xishuangbanna: Botany (2nd Edition)

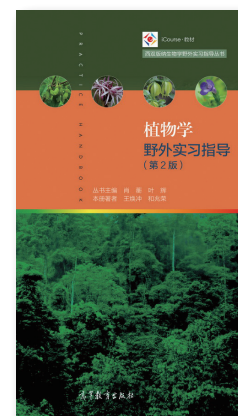
植物学野外实习指导 (第2版)

- The book presents basic knowledge and methods of field practice of botany, and also gives consideration to the phyletic classification position and some important commercial crops. The book collects 500 common species, each provided with description of morphological features and distribution, and a color printed illustration.

Series: A Guide for Biology Field Practice in Xishuangbanna

Author:

Xiao Heng, professor of Yunnan University, specialized in biology taxonomy and diversity.



ISBN: 9787040432466

Publication Date: July, 2015

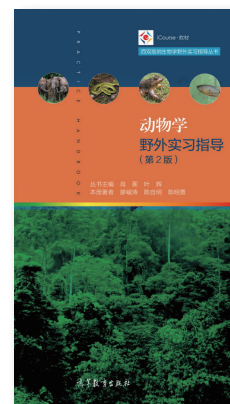
Pages: 325

Practice Handbook in Xishuangbanna: Zoology (2nd Edition) 动物学野外实习指导 (第2版)

- The book presents basic knowledge and methods of field practice of zoology, and also gives consideration to the phyletic classification position and typical wild animals of national priority protection. The book collects 500 common species, each provided with description of morphological features and distribution, and a color printed illustration.

Author:

Xiao Heng, professor of Yunnan University, specialized in biology taxonomy and diversity.



ISBN: 9787040432473
Publication Date: July, 2015
Pages: 302

Pheasants in China (Color Version) 中国雉类 (彩色版)

- This book introduces the pheasant resources and their research status in China from the aspects of natural geography and the diversity of pheasants in China, targets on the pheasants which are representative of the ecological adaptability and reproductive capability in varied climatic zones and landscapes. It also intensively elaborates on the relevant species from the aspects of geographical distribution, life history features, habitat, behavioral ecology, intraspecific phylogeny and protection, etc.

Author:

Zheng Guangmei, academican of the Chinese of Academy of Sciences, China's National Prominent Teacher Prize winner, and professor of the School of Life Sciences, Beijing Normal University.



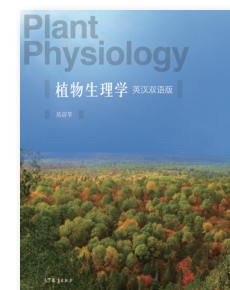
ISBN: 9787040414134
Publication Date: May 2015
Pages: 680

Plant Physiology 植物生理学

- This book focus on whole plant physiology, in a narrative format, and introduces the fundamental concepts of plant growth, development and stress physiology, in order to explain how plants live.
- Traditional Chinese Version sold.

Author:

Mo Beixin, professor, doctoral supervisor and deputy dean of the College of Bio and Marine Sciences, Shenzhen University.



ISBN: 9787040452952
Publication Date: July, 2016
Pages: 302



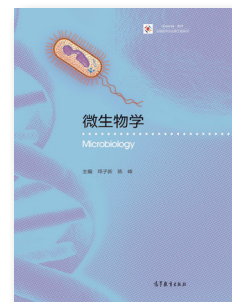
Microbiology

微生物学

- The book has an overall understanding about the rapid development of microbiology in recent decades. It starts by introducing the morphological structure of microbiology, then discusses the microbial molecular biology and gene recombination technology, and expounds the microbial ecology, metagenomics and microbial evolution, demonstrating the developing mainstream of modern microbiology and microbial biotechnology.

Author:

Deng Zixin, academican of the Chinese Academy of Sciences, the Third World Academy of Sciences and the American Academy of Microbiology, director of the Key Laboratory of Microbial Metabolism of the Ministry of Education of China, and chairman of the Advisory Committee of Biotechnology and Biological Engineering Teaching of the Ministry of Education of China.



ISBN: 9787040467697
Publication Date: February, 2017
Pages: 450

Biochemistry (English Version)

生物化学 (英文版)

- This textbook is based on the guidelines for biochemistry and the requirement standards for student training, which fits the biochemistry educational system, contains the major content and the latest progress in the field of biochemistry.
- English Version sold.

Authors:

Chen Che, Gansu University of Chinese Medicine.
Xi Yaming, The First Hospital of Lanzhou University.



ISBN: 9787040365283
Publication Date: January, 2013
Pages: 331

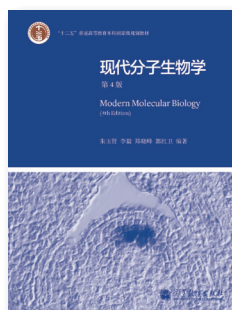
Modern Molecular Biology (4th Edition)

现代分子生物学 (第4版)

- The book consists of 11 chapters that comprehensively analyze fundamental issues of modern molecular biology including chromosome structure, form and features of DNA replication, DNA transposition, deciphering of the genetic code, protein synthesis and operation, principle of the regulation of gene expression, cancer and oncogene activation, and molecular mechanism of HIV.

Authors:

Zhu Yunxian, **Li Yi**, **Zhang Xiaofeng**, **Guo Hongwei**, professors of Peking University.



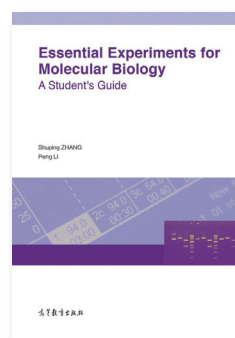
ISBN: 9787040351583
Publication Date: January, 2013
Pages: 484

Essential Experiments for Molecular Biology: A Student's Guide (English Version) 分子生物学实验指导 (英文版)

- This guide-book is designed to expose undergraduates to a set of standard, basic molecular biology research techniques that include DNA extraction, electrophoresis, enzyme digestion, PCR, DNA recombination, RNA manipulation, and molecular hybridization. Most of the experiments are interrelated, although each can stand alone as an independent experiment for the main body of this coursework is derived from an actual research project. This book is suitable for one-semester course for undergraduates and as a reference book for postgraduates and researchers.
- English Version sold.

Authors:

Zhang Shuping, Li Peng, the School of Life Sciences, Tsinghua University.



ISBN: 9787040399561
Publication Date: August, 2015
Pages: 125

Cell Biology (4th Edition) 细胞生物学 (第4版)

- The book precisely quotes the cutting-edge developments and results of the discipline, and makes accurate revision and timely update, to ensure that the content are fundamental, scientific and pioneering.
- There are 370 beautiful illustrations, of which schematic diagrams are all independently designed and drawn, and the over 120 pictures from the author's achievements in scientific research.

Authors:

Zhai Zhonghe, professor of the School of Life Sciences, Peking University.
Wang Xizhong, professor of the School of Life Sciences, Sichuan University.
Ding Mingxiao, director of the School of Life Sciences, Peking University.



ISBN: 9787040321753
Publication Date: June, 2012
Pages: 386

Forages Bilingual Textbook 牧草栽培学双语辑要

- High-quality forage grass is the material basis for sound development of modern animal industry. The book mainly introduces the relationship between growth of main forage grass in China and environment. It proposes that supplying high-quality forage grass using reasonable cultivating and utilizing technology can promote sound development of modern animal industry. This book is composed of ten chapters, including the introduction, classification and division of forage grass, forage grass's growth and reproduction features, forage grass growth and environment, botanical features of main forage grass and fodder crops in china biological features and planting technology, etc.

Author:

Long Mingxiu, associate professor of Northwest A&F University, engaged in the research on stress physiology of grass as well as forage cultivating and planting.



ISBN: 9787040470406
Publication Date: January, 2019
Pages: 330



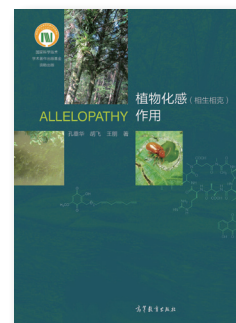
Allelopathy

植物化感（相生相克）作用

- This book starts from basic concepts, then provides a complete theory of plant allelopathy, from terrestrial plant to aquatic plant, from on the ground to underground. Based on the theory, the book describes application potential of plant allelopathy in agro-forestry ecosystem through precise research cases and natural phenomena analysis.

Author:

Kong Chuihua, professor of Ecology Department of the School of Resource and Environment, China Agricultural University.



ISBN: 9787040443561

Publication Date: February, 2016

Pages: 475

Eco-wisdom: Biodiversity

生态智慧——生物多样性

Eco-wisdom: Water System and Drainage Basin

生态智慧——水系与流域

Eco-wisdom: Global Climate Change

生态智慧——全球气候变化

Eco-wisdom: Ecological Sustainability

生态智慧——生态可持续性

- Following the philosophy that man is an integral part of nature, the book displays some well-known ecology fundamentals in a brand new style from the biological diversity point of view. It is skillfully written and provided with popular and easy-to-understand illustrations and pictures.

Author:

Wu Yegang, president of Beijing Orient Landscape Ecocity Planning Institute, secretary-general of the International Council on Ecopolis Development (INTECOPOLIS), member of the Chinese National Committee for Future Earth and executive editor-in-chief of *Ecological Processes*.



ISBN: 9787040411928

ISBN: 9787040411973

ISBN: 9787040412819

ISBN: 9787040412826

Publication Date: April, 2015

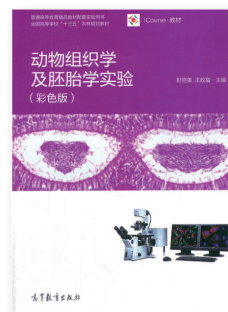
Pages: 150 for each volume

Animal Histology and Embryology (Color Version) 动物组织学及胚胎学实验 (彩色版)

- This book has the following chapters: introduction, common methods of making tissue slices, the morphology, structure and mitosis of cell, elementary tissues, organ tissues and embryological development. Over 360 colored photomicrographs are collected in this book.

Author:

Peng Kemei, professor, doctoral supervisor of the College of Veterinary Medicine, Huazhong Agricultural University, member of the International Federation of Associations of Anatomists and Executive member of Chinese Society for Anatomical Science.



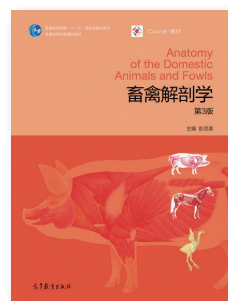
ISBN: 9787040462173
Publication Date: September, 2016
Pages: 238

Anatomy of the Domestic Animals and Fowls (3rd Edition) 畜禽解剖学 (第3版)

- The book is divided into three parts including livestock anatomy, little animal anatomy and poultry anatomy. With more than 260 clear black-and-white illustrations and 40 exquisite colored pictures. The book mainly studies cows, goats, horses, pigs, rabbits, dogs, cats and poultries.

Author:

Peng Kemei, professor, doctoral supervisor of the College of Veterinary Medicine, Huazhong Agricultural University, member of the International Federation of Associations of Anatomists and Executive member of Chinese Society for Anatomical Science.



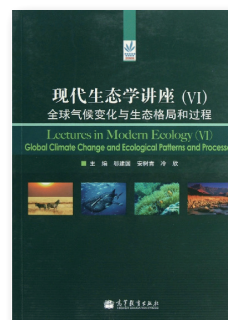
ISBN: 9787040461879
Publication Date: September, 2016
Pages: 305

Lectures in Modern Ecology (VI): Global Climate Change and Ecological Patterns and Processes 现代生态学讲座 (VI): 全球气候变化与生态格局和过程

- This series is a selection of keynote speeches of the 5th Modern Ecology Lecture & Academic Workshop.

Authors:

Wu Jianguo, professor of Arizona State University.
An Shuqing, professor of Nanjing University.
Leng Xin, associate professor of Nanjing University.



ISBN: 9787040373868
Publication Date: May, 2013
Pages: 315



A Study of Strategies for the Protection and Management of Coastal Wetlands in China

中国滨海湿地保护管理战略研究

- With focus on waterfowls as the indicator species, this book takes the present situation and problems of coastal wetlands in China and the dynamic changes and scenario predictions of coastal wetlands as the basis. This book identifies the areas where protection is absent and should be given priority to, analyzes the protection of key habitats of migratory birds along the East Asia—Australia migrant route, discusses Chinese and American practice in protecting, restoring, and utilizing coastal wetlands in a sustainable way, and eventually proposes the management strategies and priority actions for the protection of coastal wetlands in China. This book targets at government staff, researchers, NGO staff and the public who are interested in the protection and management of wetlands in China.

Authors:

Lei Guangchun, dean, professor, and doctoral supervisor of the School of Nature Conservation, Beijing Forestry University.

Zhang Zhengwang, professor and doctoral supervisor of Beijing Normal University.

Yu Xiubo, researcher and doctoral supervisor of the Institute of Geographic Sciences and Natural Resources.

Zhang Mingxiang, professor, deputy dean, and doctoral supervisor of the School of Nature Conservation, Beijing Forestry University.
cosmologist.



ISBN: 9787040483529

Publication Date: September, 2017

Pages: 261

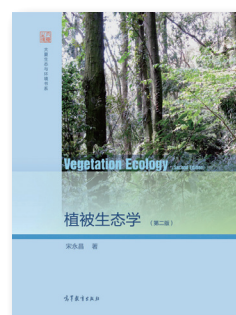
Vegetation Ecology (2nd Edition)

植被生态学 (第二版)

- This is a systematic, thorough introduction to the studies in vegetation ecology, including the history of the discipline, differentiation and integration of different schools, structure of communities, interspecies relation in a community, community ecology, community functions, vegetation dynamics, and vegetation ordination, classification, distribution, and partition. It also provides the latest research development of each research branch in each area. This is a helpful read for university teachers, students and researchers who specialize in vegetation ecology, ecology, environmental sciences, and geography.

Author:

The Chinese Academy of Engineering.



ISBN: 9787040461596

Publication Date: December, 2016

Pages: 697

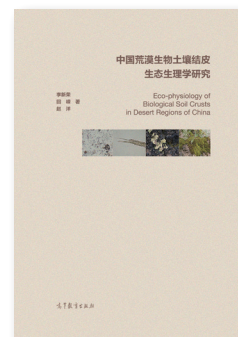
Eco-physiology of Biological Soil Crusts in Desert Regions of China

中国荒漠生物土壤结皮生态生理学研究

- This book expounds on the ecophysiological responses of soil crust communities to non-biological and biological factors and other stresses and interferences as well as appropriate strategies and mechanisms. This book proposes that the said theory is the premise of correct understanding and assessment of the responses of desert ecological systems to global changes and sustainable ecological management, and the key scientific support for the restoration and rehabilitation of desert ecological systems.

Author:

Li Xinrong, innovation researcher and doctoral supervisor of Cold and Arid Regions Environmental and Engineering Research Institute, the Chinese Academy of Sciences.



ISBN: 9787040469790
Publication Date: January, 2017
Pages: 423

Lectures in Modern Ecology (VIII): Advances in Community, Ecosystem and Landscape Ecology

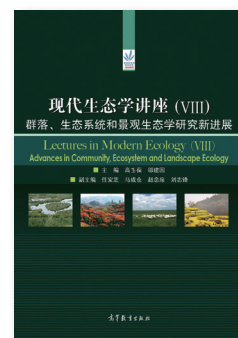
现代生态学讲座 (VIII): 群落、生态系统和景观生态学研究新进展

- Readers will benefit from an extensive, in-depth discussion of a series of hot topics related to communities, ecological systems and landscape ecology, including the structure and functions of forests and grasslands, land use, vegetation changes and their ecological impact, and agricultural ecology and sustainable agriculture. It is catered for researchers and teachers, and a useful textbook or complementary book for graduates who specialize in biology, ecology, environmental sciences, and relevant disciplines.

Authors:

Gao Yubao, president of Tianjin Normal University, professor and doctoral supervisor of College of Life Sciences, Nankai University, and executive member of Ecological Society of China.

Wu Jianguo, dean's distinguished professor of the School of Life Sciences & Global Institute of Sustainability, Arizona State University.



ISBN: 9787040476576
Publication Date: May, 2017
Pages: 404



Forest Ecology (3rd Edition) 森林生态学 (第三版)

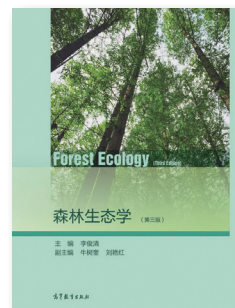
- This book contains key areas of ecological study ranging from individuals to ecological systems and global changes, with focuses on forest distribution, succession, vegetation classification and partition. Environmental issues, natural conservation and ecological restoration are also included in relevant chapters.
- This book is recommended for undergraduates, graduates, researchers studying forestry, agriculture, ecology, environment, conservation of water and soil, and landscape planning, and professionals engaged in environmental protection, planning, and management.

Authors:

Dr. Li Junqing, professor and doctoral supervisor of Beijing Forestry University. He also serves as a member of China Biodiversity Conservation Fund.

Dr. Niu Shukui, professor and doctoral supervisor of Beijing Forestry University.

Dr. Liu Yanhong, professor and doctoral supervisor of Beijing Forestry University.



ISBN: 9787040483468
Publication Date: September, 2017
Pages: 392

Landscape Ecology 景观生态学

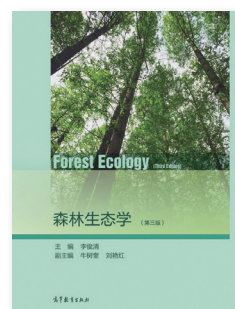
- Based on a detailed introduction of latest research findings in and outside China, this book focuses on the fundamentals of landscape ecology including its basic conceptual framework of landscape ecology, history, theoretical foundation, and key application areas. It is a recommendable textbook on ecology and geography and reference book for researchers, technical experts, and managers in relevant fields.

Authors:

Zeng Hui, professor and doctoral supervisor of the Ecological Department of the College of Urban and Environmental Sciences, Peking University. He is also a member of the Committee on Landscape Ecology, Ecological Society of China.

Chen Liding, researcher and doctoral supervisor of the Research Center for Eco-Environmental Sciences, the Chinese Academy of Sciences.

Ding Shengyan, deputy dean, professor, and doctoral supervisor of the College of Environment and Planning, Henan University.



ISBN: 9787040473513
Publication Date: April, 2017
Pages: 243

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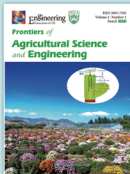
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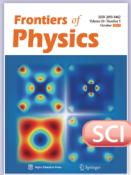
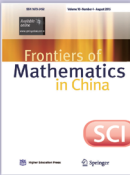
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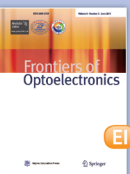
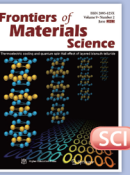
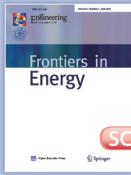
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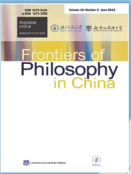
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