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50 自然科学总论

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中图图书订单 (51T200103) BCA 417058X 1.15 Infinite Dimensional Dynamical Systems (Cambridge Texts in Applied Mathematics, 28) by.Robinson, J. 2001 554pp Paperback ISBN:0521635640 GBP:27.95 Cambridge University Press 无限维动态系统

This book treats the theory of global attractors, a recent development in the theory of partial differential equations, in a way that also includes many traditional elements of the subject. It gives a quick but directed introduction to some fundamental concepts.

中图图书订单 (51T200103) BCA 4170598 Numerical Methods of Statistics (Cambridge Series in Statistical and Probabilistic Mathematics, 7) by.Monahan, J. 2001 416pp Hardback ISBN:0521791685 GBP:45.00 Cambridge University Press 统计学的数值法

This book explains how computer software is designed to perform the tasks required for sophisticated statistical analysis. For statisticians, it examines the nitty-gritty computational problems behind statistical methods; for mathematicians and computer ...

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(51T200103) Orthogonal Polynomials of Several Variables (Encyclopedia of Mathematics and its Applications, 81) by Dunkl, C. F. and Xu, Y. 2001 400pp Hardback ISBN:0521800439 GBP:55.00 Cambridge University Press 多变量的正交多项式 This is the first modern book on orthogonal polynomials of several variables, blending classical analysis and symmetry-grouptheoretic methods. It is intended both as an introduction to the subject and as a reference. covering the general theory and emphphasizes the classical types of orthogonal polynomials.

中图图书订单 BCA 417061X (51T200103) Probabilistic Risk Analysis: Foundations and Methods

by.Bedford, T. and Cooke, R.

2001 408pp Hardback ISBN:0521773202 GBP:35.00 Cambridge University Press 概率风险分析: 基础与方法 Drawing on extensive experience, the authors focus on the conceptual and mathematical foundations underlying the quantification, interpretation and management of risk.

\$ 11341 DOOR HUN HIIR 1945 BAIN ASSI AND ASSI 中图图书订单 BCA 4170628 (51T200103) 1.15 Random Matrix Models and Their Applications (Mathematical Sciences Research Institute Publications, 40) by.Bleher, P. M. and its, A. R. eds. 2001 496pp Hardback ISBN:0521802091 GBP:37.50 Cambridge University Press 随机矩阵模型及其应用 This expository volume of surveys and research

results covers broad areas such as topologic and combinatorial aspects of random matrix theory; scaling limits, universalities and phase transitions in matrix models; universalities for random polynomials e tc.

中图图书订单 BCA 4170636 (51T200103) 1.15 Recent Trends in Combinatorics: The legacy of Paul Erdos

by. Gyori, E. and Sos, V. eds. 2000 210pp Hardback ISBN:0521801702 GBP:32.50 Cambridge University Press 组合数学最新趋向: P. Erdos 的遗产 describing his work and containing many anecdotes about his life, Here is a succinct introduction to important recent ideas in combinatorics for researchers and graduate students.

中图图书订单 (517200103) BCA 4170644 1.15 Simplicial Algorithms for Minimizing Polyhedral Functions by. Osborne, M. 2001 272pp Hardback ISBN:0521791332 GBP:45.00 Cambridge University Press 极小化多面体函数的单纯算法 These include the ubiquitous simplex method of linear programming, widely used in industrial

中图图书订单 (51T200103) BCA 4170652 1.15 Structural Proof Theory

optimization and strategic decision making.

by.Negri, S. and von Plato, J. 2001 288pp Hardback ISBN:0521793076 GBP:35.00 Cambridge University Press 结构证明理论

Structural proof theory studies the general structure and properties of logical and mathematical proofs. This book is both a concise introduction to structural proof theory and a work of research that will be of interest to specialists.

中图图书订单 (51T200103) 1.15 BCA 4170660 The Eightfold Way: The Beauty of Klein's Quartic Curve (Mathematical Sciencess Research Institue Publications, 35) by.Levy, S. ed.

Paperback 2001 ISBN:0521004195 GBP:17.95 Cambridge University Press 八重法: 克莱因四次曲线的美

It includes expository and research articles by the mathematical sculptor Helaman Ferguson.

中图图书订单 BCA 4170679 (51T200103) The Foundations of Mathematics in the Theory of Sets (Encyclopedia of Mathematics and its Applications, 82) by.Mayberry, J. P. 2001 456pp Hardback ISBN:0521770343 GBP:55.00 Cambridge University Press

集论的数学基础 investigates the logic of quantification over the universe of sets and discusses its role in second order logic, as well as in the ananlysis of proof by induction and definition by recursion.

中图图书订单 BCA 4170687 (51T200103) Typical Dynamics of Volume-Preserving Homeomorphisms (Cambridge Tracts in Mathematics, 139) by.Alpern, S. R. and Prasad, V. S. 2000 224pp Hardback ISBN:0521582873 GBP:30.00 Cambridge University Press 体积保存同胚的典型动力学 This book provides a self-contained introduction to typical properties of volume preserving homeomorphisms. Stress is given to the interrelation between typical properties of volume preserving homeomorphisms and typical properties of volume preserving bijections of the underlying measure space.

中图图书订单 GSV 4170695 (51T200103) 1, 15 A First Course in Discrete Mathematics by Anderson, I. 2000 210pp Softcover ISBN:1-85233-236-0 DEM:59.00 Springer 离散数学初级教程 Introduces the various aspects of discrete

mathematics including enumeration, graph theory and configurations or arrangements. 中图图书订单 (51T200103) GSV 4170709 1.15

Classical Potential Theory by. Armitage, D. H. and Gardiner, S. J. 2000 336pp Hardcover ISBN:1-85233-618-8 DEM:159.00 Springer

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Provides a comprehensive treatment of classical potential theory: it covers harmonic and subharmonic functions, maximum principles, polynomial expansions, Green functions, potentials and capacity, the Dirichlet problem and boundary integral representations.

中图图书订单。 GSV 4170717 (51T200103) Classical Potential Theory and Its Probabilistic Counterpart(Reprint of the 1st ed. Berlin Heidelberg New York 1984.)

by.Doob, J. L.

2000 846pp Softcover

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经典位势论及其概率相对部分

Part I Classical and Parabolic Potential Theory: Introduction to the Mathematical Background of Classical Potential Theory; Basic Properties of Harmonic, Subharmonic, and Superharmonic Functions.

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Free Groups and Their Subgroups: Nielsen's Method, Subgroups of Free Groups, Automorphisms of Free Groups. Stabilizers in Aut (F). Equations over Groups. Quadratic sets of Word. Equations in Free Groups. Abstract Length Functions.

GSV 4170733 (51T2 中图图书订单 (51T200103) 1.15 Combinatorial Methods in Density Estimation by Devroye, L. and Lugosi, G. 2001 215pp Hardcover ISBN:0-387-95117-2 DEM:98.00 Springer 密度估计的组合方法

Explores a new paradigm for the databased or automatic selection of the free parameters of density estimates in general so that the expected error is within a given constant multiple of the best possible error.

中图图书订单 (51T200103) 1. 15 GSV 4170741 Differential Equations and Dynamical Systems (Texts in Applied Mathematics. Vol.7)-3rd ed. by.Perko, L. 2000 560pp Hardcover DEM:129.00 ISBN:0-387-95116-4

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微分方程与动态系统

Presents a systematic study of the qualitative and geometric theory of nonlinear differential equations and dynamical systems.

4 | 649K | 1,634 | 1111 | 660K | 641K | 1464 | 416 | 1411 | 6**11**. (51T200103) GSV 417075X 1, 15 Discretization Methods and Iterative Solvers Based on Domain Decomposition (Lecture Notes in Computational Science and Engineering. Vol.17) by. Wohlmuth, B. I. 2001 170pp Softcover ISBN:3-540-41083-X DEM:129.00 Springer 根据域分解的离散化方法与迭代解算程序 Deals with discretization techniques on nonmatching triangulations and iterative solvers with particular emphasis on mortar finite elements, Schwarz methods and multigrid techniques.

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Written by primary researchers in dynamics, this work explores dynamical systems in the context of differential equations. The authors emphasize the infinite dimensional aspects coming from partial differential equations and differential delay equations.

中图图书订单 (51T200103) GSV 4170776 Elliptic Partial Differential Equations of Second Order(Reprint of the 2nd ed. rev. 3rd printing Berlin Heidelberg New York 1998) by.Gilbarg, D. and Trudinger, N. S. 2001 518pp Softcover ISBN:3-540-41160-7 DEM:69.00 Springer 二阶椭圆偏微分方程

Laplace's Equation; The Classical Maximum Principle; Poisson's Equation and Newtonian Potential, Banach and Hilbert Spaces; Classical Solutions; the Schauder Approach; Sobolev Spaces; Generalized Solutions and Regularity; Strong Solutions.

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theory, an important topic in educational testing.

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by Christensen, L. W. 2001 204pp Softcover

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Any admirer of classics like the Auslander-Buchsbaum-Serre characterization of regular rings, and the Bass and Auslander-Buchsbaum formulas for injective and projective dimension off.g. modules will be intrigued by this book's content.

中國國子订单 GSV 4170806 (517200103) 1.15 Grothendieck duality and Base Change (Lecture Notes in Mathematics. Vol.1750) by.Conrad, B.

2001 296pp Softcover

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Presented is a systematic overview of the entire theory, including many basic definitions and a detailed study of duality on curves, dualizing sheaves, and Grothendieck's residue symbol.

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Intuitive Combinatorial Topology(Original Russian edition published by Nauka, Moscow, 1983 Universitext)

by.Boltyanskii, V. G. and Efremovich, V. A. 2001 215pp Hardcover ISBN:0-387-95114-8 DEM:99.00

ISBN:0-387-95114-8 Springer

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中国图书订单 GSV 4170822 (51T200103) 1.15 Nevanlinna's Theory of Value Distribution: The Second Main Theorem and its Error Terms

by.Cherry, W. and Ye, Z. 2001 200pp Hardcover

ISBN:3-540-66416-5 DEM:129.00

Springer Nevanlinna 的值分布理论: 第 2 主定理与其 误差面

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by.Kawohl, B. et al 2000 388pp Softcover ISBN:3-540-67971-5 DEM:99.00

Springer 最佳形状设计

The main topics covered are: the optimal design of a geometrical object, for instance a wing, moving in a fluid; the optimal shape of a region (a harbor), given suitable constraints on the size of the entrance to the harbor.

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by Prestel, A. and Delzell, C. N. 2001 245pp Hardcover

ISBN:3-540-41215-8 DEM:129.00

Springer 正多项式: 源于希耳伯特实代数的第 17 个问 ^甄

It takes as starting point Hilberts 17th Problem from 1900 and explains how E. Artin's solution of that problem eventually led to the development of real algebra towards the end of the 20th century.

中國國民政

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Prime Numbers: A Computational Perspective
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2001 530pp Hardcover
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素数: 计算透视

The final chapter focusses on "applications" of prime numbers, incorporating the mathematics of finance, via quasi-Monte Carlo theory. Historical comments are contained in every chapter.

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Euclidean space.

This book of problems is designed to challenge students learning probability. Each chapteris divided into three parts: Problems, Hints, and Solutins.

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中图图书订单 GSV 4170911 (51T200103) Pseudodifferential Operators and Spectral Theory(Translated from the Russian)-2nd ed. by.Shubin, M. 2000 280pp Softcover ISBN:3-540-41195-X DEM:79.00 Springer 伪微分算子与谱理论(译自俄文) The applications discussed include complex powers of elliptic operators. Hoermander asymptotics of the spectral function and eigenvalues, and methods of approximate spectral projection.

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systems.

Singularities and Groups in Bifurcation Theory, Volume 2 (Applied Mathematical Sciences, Vol.69)--1st ed. 1988. 2nd printing by Golubitsky, M. et al 2000 533pp Hardcover ISBN:3-540-96652-8 DEM:170.00 Springer 分歧理论中的奇异性与群,第2卷 Focuses on bifurcation problems with symmetry and shows how group—theoretic techniques aid the understanding of transitions in symmetric

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analysis.

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extensive bibliography.

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