Z Map Plus I O Access Library

Asian Oil & Gas
Quantum Theory, Deformation and Integrability
Jewish and Muslim Dialects of Moroccan Arabic
Theory of Cryptography
Geometric Topology
Tropical and Idempotent Mathematics and Applications
Algebraic and Geometric Topology
The Finite Simple Groups
Bounded Arithmetic, Propositional Logic and Complexity Theory
Quantum Groups, Integrable Statistical Models And Knot Theory - The Fifth Nankai Workshop
Logic, Language, Information, and Computation
Best Practice Approaches in Women's Sports
ABCs of z/OS System Programming
Elliptic Curves and Related Topics
J-holomorphic Curves and Symplectic Topology
Introduction to Microprocessor Programming, Using PLZ
Algorithmic Number Theory
Algebraic K-Theory
Elliptic Diophantine Equations
InfoWorld
Flying Magazine
PC Mag
Digital Design
Mathematics for Physicists
Approximation Theory and Approximation Practice
Combinatorial Floer Homology
JAMSTEC shinkai kenkyū
Combinatorial Patterns for Maps of the Interval
Mastering Scala Machine Learning
Expositiones textuales dubio[rum] atq[ue] luculentissime explanat[i]o[n]es in libros de Celo [et] mu[n]do. Generatione [et] corrupt[i]one. Metherologo[rum] ac Paruo[rum] naturaliu[m] Aristotelis
Supermanifolds and Supergroups
Mathematics for Machine Learning
Complex Variables
Interpretable Machine Learning
From Actions To Answers - Proceedings Of The 1989 Theoretical Advanced Study Institute In Elementary Particle Physics
Constructivity and Computability in Historical and Philosophical Perspective
VHDL Coding and Logic Synthesis with Synopsys
Mathematical Foundations of Quantum Scattering Theory for Multiparticle Systems
Urban Food Mapping

JAKOB MORA

Asian Oil & Gas American Mathematical Soc.
With cities becoming so vast, so entangled and perhaps so critically unsustainable, there is an urgent need for clarity around the subject of how we feed ourselves as an urban species. Urban food mapping becomes the tool to investigate the spatial relationships, gaps, scales and systems that underlie and generate what, where and how we eat, highlighting current and potential ways to (re)connect with our diet, ourselves and our environments. Richly explored, using over 200 mapping images in 25 selected chapters, this book identifies urban food mapping as a distinct activity and area of research that enables a more nuanced way of understanding the multiple issues facing contemporary urbanism and the manyfold roles food spaces play within it. The authors of this multidisciplinary volume extend their approaches to place making, storytelling, in-depth observation and imagining liveable futures and engagement around food systems, thereby providing a comprehensive picture of our daily food flows and intrastructures. Their images and essays combine theoretical, methodological and practical analysis and applications to examine food through innovative map-making that empowers communities and inspires food planning authorities. This first book to systematise urban food mapping showcases and bridges disciplinary boundaries to make theoretical concepts as well as practical experiences and issues accessible and attractive to a wide audience, from the activist to the academic, the professional and the amateur. It will be of interest to those involved in the all-important work around food cultures, food security, urban agriculture, land rights, environmental planning and design who wish to create a more beautiful, equitable and sustainable urban environment.
Quantum Theory, Deformation and Integrability Cambridge University Press
PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.
Jewish and Muslim Dialects of Moroccan Arabic American Mathematical Soc.
Advance your skills in efficient data analysis and data processing using the powerful tools of Scala, Spark, and Hadoop About This Book This is a primer on functional-programming-style techniques to help you efficiently process and analyze all of your data Get acquainted with the best and newest tools available such as Scala, Spark, Parquet and MLlib for machine learning Learn the best practices to incorporate new Big Data machine learning in your data-driven enterprise to gain future scalability and maintainability Who This Book Is For Mastering Scala Machine Learning is intended for enthusiasts who want to plunge into the new pool of emerging techniques for machine learning. Some familiarity with standard statistical techniques is required. What You Will Learn Sharpen your functional programming skills in Scala using REPL Apply standard and advanced machine learning techniques using Scala Get acquainted with Big Data technologies and grasp why we need a functional approach to Big Data Discover new data structures, algorithms, approaches, and habits that will allow you to work effectively with large amounts of data Understand the principles of supervised and unsupervised learning in machine learning Work with unstructured data and serialize it using Kryo, Protobuf, Avro, and AvroParquet Construct reliable and robust data pipelines and manage data in a data-driven enterprise Implement scalable model monitoring and alerts with Scala In Detail Since the advent of object-oriented programming, new technologies related to Big Data are constantly popping up on the market. One such technology is Scala, which

is considered to be a successor to Java in the area of Big Data by many, like Java was to C/C++ in the area of distributed programing. This book aims to take your knowledge to next level and help you impart that knowledge to build advanced applications such as social media mining, intelligent news portals, and more. After a quick refresher on functional programming concepts using REPL, you will see some practical examples of setting up the development environment and tinkering with data. We will then explore working with Spark and MLlib using k-means and decision trees. Most of the data that we produce today is unstructured and raw, and you will learn to tackle this type of data with advanced topics such as regression, classification, integration, and working with graph algorithms. Finally, you will discover at how to use Scala to perform complex concept analysis, to monitor model performance, and to build a model repository. By the end of this book, you will have gained expertise in performing Scala machine learning and will be able to build complex machine learning projects using Scala. Style and approach This hands-on guide dives straight into implementing Scala for machine learning without delving much into mathematical proofs or validations. There are ample code examples and tricks that will help you sail through using the standard techniques and libraries. This book provides practical examples from the field on how to correctly tackle data analysis problems, particularly for modern Big Data datasets.

Theory of Cryptography SIAM

This book is about making machine learning models and their decisions interpretable. After exploring the concepts of interpretability, you will learn about simple, interpretable models such as decision trees, decision rules and linear regression. Later chapters focus on general model-agnostic methods for interpreting black box models like feature importance and accumulated local effects and explaining individual predictions with Shapley values and LIME. All interpretation methods are explained in depth and discussed critically. How do they work under the hood? What are their strengths and weaknesses? How can their outputs be interpreted? This book will enable you to select and correctly apply the interpretation method that is most suitable for your machine learning project.

Geometric Topology Springer Nature

The authors define combinatorial Floer homology of a transverse pair of noncontractible nonisotopic embedded loops in an oriented -manifold without boundary, prove that it is invariant under isotopy, and prove that it is isomorphic to the original Lagrangian Floer homology. Their proof uses a formula for the Viterbo-Maslov index for a smooth lune in a -manifold.

Tropical and Idempotent Mathematics and Applications Springer Nature

This book constitutes the refereed proceedings of the 7th International Algorithmic Number Theory Symposium, ANTS 2006, held in Berlin, Germany in July 2006. The 37 revised full papers presented together with 4 invited papers were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on algebraic number theory, analytic and elementary number theory, lattices, curves and varieties over fields of characteristic zero, curves over finite fields and applications, and discrete logarithms.

Algebraic and Geometric Topology Springer

The lectures in this volume discuss topics in statistical mechanics, the geometric and algebraic approaches to q-deformation theories, two-dimensional gravity and related problems of mathematical physics, including Vassiliev invariants and the Jones polynomials, the R-matrix with Z-symmetry, reflection equations and quantum algebra, W-geometry, braid linear algebra, holomorphic q-difference systems and q-Poincaré algebra.

The Finite Simple Groups IBM Redbooks

The two-volume set LNCS 10677 and LNCS 10678 constitutes the refereed proceedings of the 15th International Conference on Theory of Cryptography, TCC 2017, held in Baltimore, MD, USA, in November 2017. The total of 51 revised full papers presented in the proceedings were carefully reviewed and selected from 150 submissions. The Theory of Cryptography Conference deals with the paradigms, approaches, and techniques used to conceptualize natural cryptographic problems and provide algorithmic solutions to them and much more.

Springer Science & Business Media

Edited in collaboration with FoLLI, the Association of Logic, Language and Information this book constitutes the refereed proceedings of the 27th Workshop on Logic, Language, Information and Communication, WoLLIC 2021, Virtual Event, in October 2021. The 25 full papers presented included 6 invited lectures were fully reviewed and selected from 50 submissions. The idea is to have a forum which is large enough in the number of possible interactions between logic and the sciences related to information and computation.

Bounded Arithmetic, Propositional Logic and Complexity Theory Cengage Learning

Ranging from Alan Turing’s seminal 1936 paper to the latest work on Kolmogorov complexity and linear logic, this comprehensive new work clarifies the relationship between computability on the one hand and constructivity on the other. The authors argue that even though constructivists have largely shed Brouwer’s solipsistic attitude to logic, there remain points of disagreement to this day. Focusing on the growing pains computability experienced as it was forced to address the demands of rapidly expanding applications, the content maps the developments following Turing’s ground-breaking linkage of computation and the machine, the resulting birth of complexity theory, the innovations of Kolmogorov complexity and resolving the dissonances between proof theoretical semantics and canonical proof feasibility. Finally, it explores one of the most fundamental questions concerning the interface between constructivity and computability: whether the theory of recursive functions is needed for a rigorous development of constructive mathematics. This volume contributes to the unity of science by overcoming disunities rather than offering an overarching framework. It posits that computability’s adoption of a classical, ontological point of view kept these imperatives separated. In studying the relationship between the two, it is a vital step forward in overcoming the disagreements and misunderstandings which stand in the way of a unifying view of logic.

Quantum Groups, Integrable Statistical Models And Knot Theory - The Fifth Nankai Workshop American Mathematical Soc.

This School focussed on computation in theoretical particle physics. Accordingly, it had large components on collider phenomenology and lattice gauge theory. A number of lectures on current topics in modern mathematical physics (conformal field theory, quantum gravity, and sphalerons) were included.

Logic, Language, Information, and Computation Lulu.com

This is a comprehensive study of the Jewish and Muslim dialect networks of Morocco in its traditional boundaries, covering twenty-two Muslim and some thirty Jewish dialects of Moroccan Arabic.

Best Practice Approaches in Women's Sports Routledge

Geometric Topology contains the proceedings of the 1977 Georgia Topology Conference, held at the University of Georgia on August 1977. The book is comprised of contributions from leading experts in the field of geometric topology.These contributions are grouped into four sections: low dimensional manifolds, topology of manifolds, shape theory and infinite dimensional topology, and miscellaneous problems. Subjects discussed under these sections include local spanning missing loops, the structure of generalized manifolds having nonmanifold set of trivial dimension, universal open principal fibrations, and how to build a flexible polyhedral surface. Topologists, geometers, and mathematicians will find the book very interesting and insightful.

ABCs of z/OS System Programming Springer Science & Business Media

This paper is devoted to scattering theory for multiparticle systems. The main result is a proof of the completeness of the scattering eigenfunctions for systems of an arbitrary but fixed number of particles.

Elliptic Curves and Related Topics Cambridge University Press

This book represents the proceedings of a workshop on elliptic curves held in St. Adele, Quebec, in February 1992. Containing both expository and research articles on the theory of elliptic curves, this collection covers a range of topics, from Langlands's theory to the algebraic geometry of elliptic curves, from Iwasawa theory to computational aspects of elliptic curves. This book is especially significant in that it covers topics comprising the main ingredients in Andrew Wiles's recent result on Fermat's Last Theorem.

J-holomorphic Curves and Symplectic Topology American Mathematical Soc.

An original and modern treatment of approximation theory for students in applied mathematics. Includes exercises, illustrations and Matlab code.

Introduction to Microprocessor Programming, Using PLZ Elsevier

Often physics professionals are not comfortable using the mathematical tools that they learn in school, and this book discusses the mathematics that physics professionals need to master. This book provides the necesssary tools and shows how to use those tools specifically in physics problems. (Midwest).

Algorithmic Number Theory Springer

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

Algebraic K-Theory Taylor & Francis

The main goal of this book is to establish the fundamental theorems of the subject in full and rigourous detail. In particular, the book contains complete proofs of Gromov's compactness theorem for spheres, of the gluing theorem for spheres, and of the associatively of quantum multiplication in the semipositive case. The book can also serve as an introduction to current work in symplectic topology.

Elliptic Diophantine Equations World Scientific

This book presents in a unified and concrete way the beautiful and deep mathematics - both theoretical and computational - on which the explicit solution of an elliptic Diophantine equation is based. It collects numerous results and methods that are scattered in the literature. Some results are hidden behind a number of routines in software packages, like Magma and Maple; professional mathematicians very often use these routines just as a black-box, having little idea about the mathematical treasure behind them. Almost 20 years have passed since the first publications on the explicit solution of elliptic Diophantine equations with the use of elliptic logarithms. The "art" of solving this type of equation has now reached its full maturity. The author is one of the main persons that contributed to the development of this art. The monograph presents a well-balanced combination of a variety of theoretical tools (from Diophantine geometry, algebraic number theory, theory of linear forms in logarithms of various forms - real/complex and p-adic elliptic - and classical complex analysis), clever computational methods and techniques (LLL algorithm and de Weger's reduction technique, AGM algorithm, Zagier's technique for computing elliptic integrals), ready-to-use computer packages. A result is the solution in practice of a large general class of Diophantine equations.

• Guess How Much I Love You By Sam Mcbratney
• The Ballad Of Songbirds And Snakes (a Hunger Games Novel) (the Hunger Games) By Suzanne Collins
• Daisy Jones & The Six: A Novel By Taylor Jenkins Reid
• Little Blue Truck's Valentine