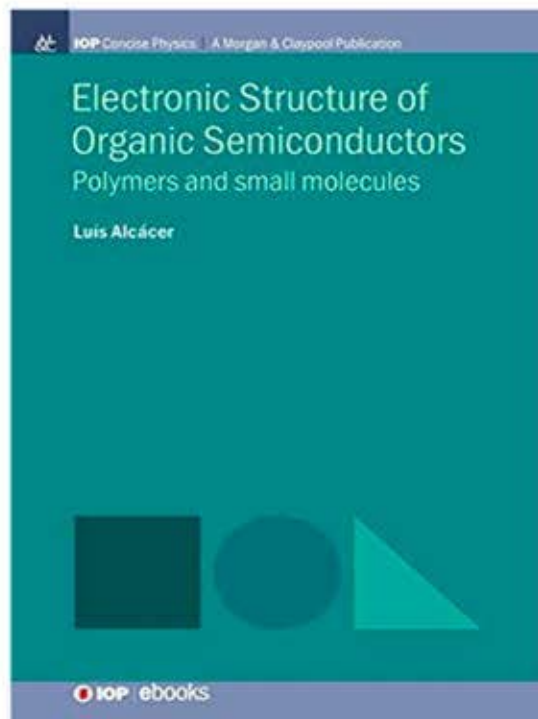




Boletín de Adquisiciones Enero 2023

Electronic Structure of Organic Semiconductors : Polymers and small molecules

Luis Alcácer



Contents

- 1 Introduction
- 2 Some basic concepts in solid state physics
- 3 From orbitals to bands
- 4 Band theory
- 5 Orbitals and bands in organic semiconductors
- 6 Computational methods
- 7 Topological defects and excitons
- 8 Transport and optical properties
- 9 Case study: PEDOT:PSS

Illustrated Dictionary of Physics:

·TERMS ·DEFINITIONS ·EXAMPLES

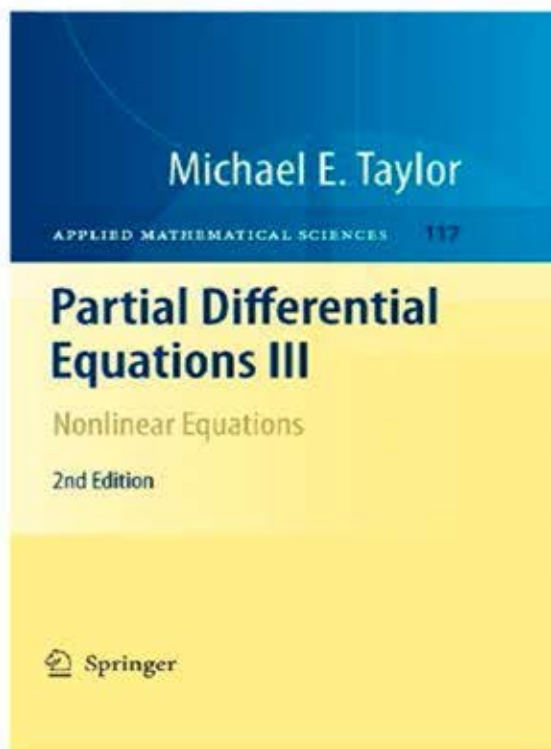
Designed for Senior High to Undergraduate Students



Description

This illustrated dictionary provides concise definitions and explanations of physics subject terms together with state-of-the-art scientific and practical terms, presented in an easy-to-use, A-Z order with pictures and figures as well as examples are given to clarify the terms.

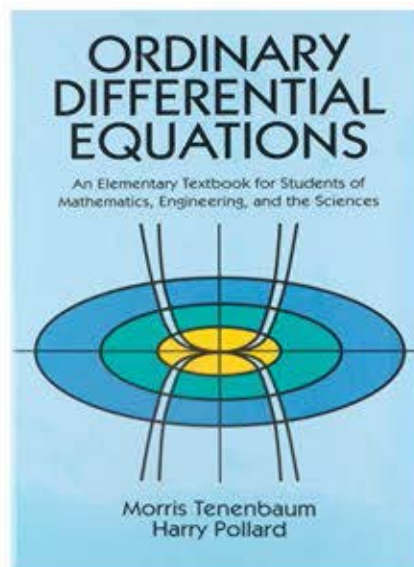
Packed with special full-page features on this subject and developed in close consultation with team of experts, this is the ultimate reference tool for students.



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Function Space and Operator Theory for Nonlinear Analysis
Nonlinear Elliptic Equations
Nonlinear Parabolic Equations
Nonlinear Hyperbolic Equations
Euler and Navier—Stokes Equations for Incompressible Fluids
Einstein's Equations

Ordinary differential equations : an Elementary textbook for students of mathematics, engineering, and the sciences
Morris Tenenbaum and Harry Pollard



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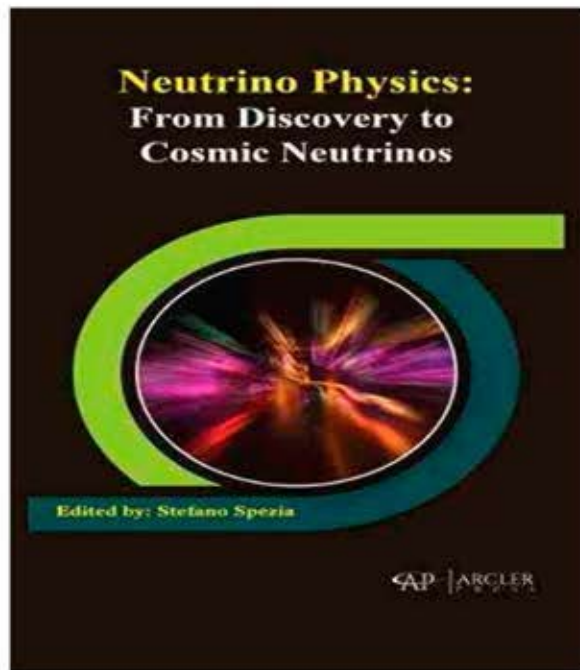


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Chapter 6 Improved Upper Limit on the Neutrino Mass from a Direct Kinematic Method by KATRIN

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Chapter 8 Search for Neutrinoless Double- β Decay with the Complete EXO-200 Dataset

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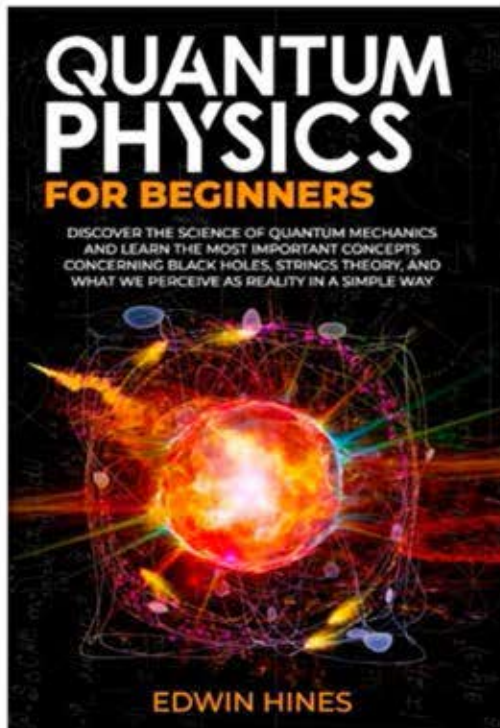
Chapter 20 IceCube: Neutrinos and Multimessenger Astronomy

Section 6 Neutrinos in Cosmology

Chapter 21 Constraining Sterile Neutrino Cosmology with Terrestrial Oscillation Experiments

Chapter 22 Neutrino Portals to Dark Matter

Quantum physics for beginners: Discover the science of quantum mechanics and learn the most important concepts concerning black holes, strings theory, and what we perceive as reality in a simple way.
Edwin Hines

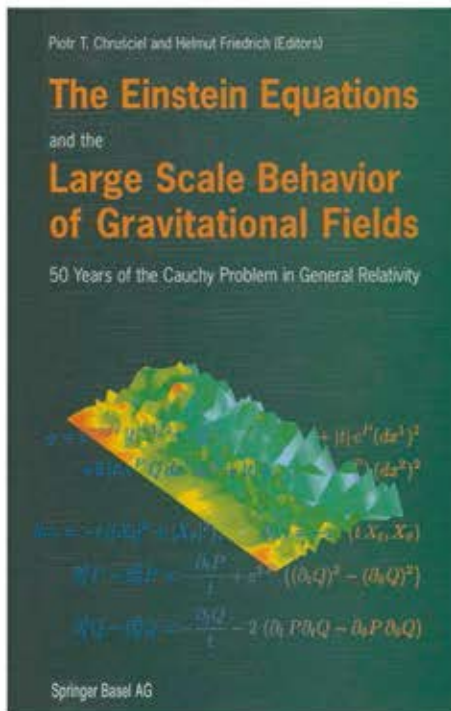


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12. An introduction to the strings theory made easy for beginners
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16. Ways quantum physics affects your daily life

The Einstein Equations and the Large Scale Behavior of Gravitational Fields : 50 Years of the Cauchy Problem in General Relativity
Editors: Piotr T. Chruściel, Helmut Friedrich



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Cheeger-Gromov Theory and Applications to General Relativity

Null Geometry and the Einstein Equations

Group Actions on Lorentz Spaces, Mathematical Aspects: A Survey Gauge, Diffeomorphisms, Initial-Value Formulation, Etc.

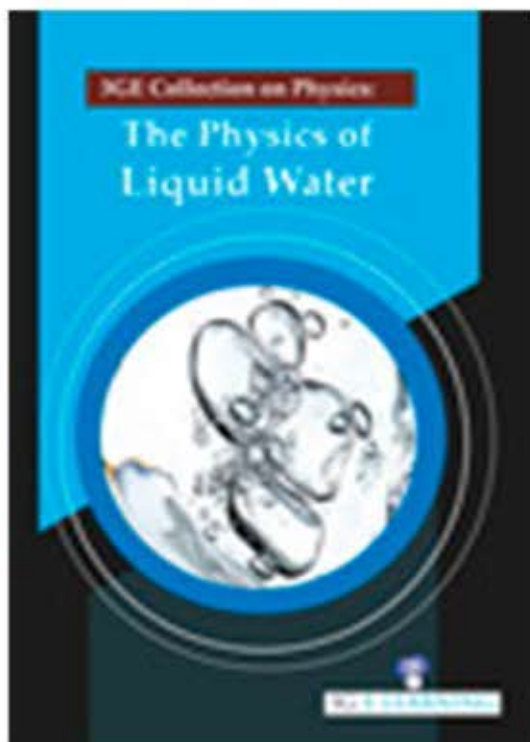


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Biografía de la física George Gamow



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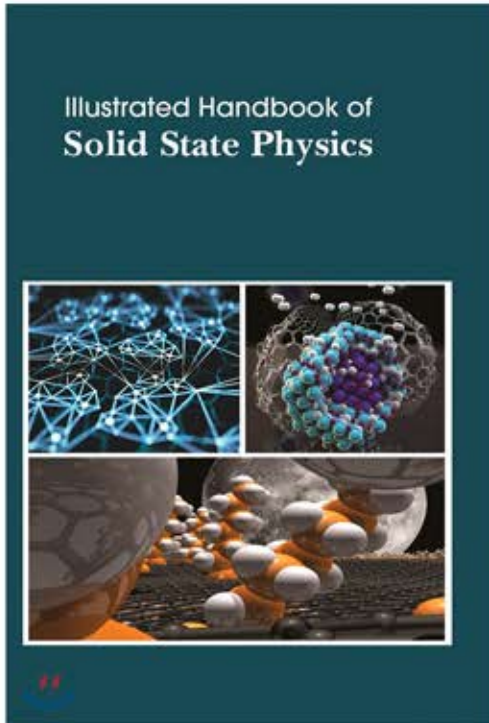
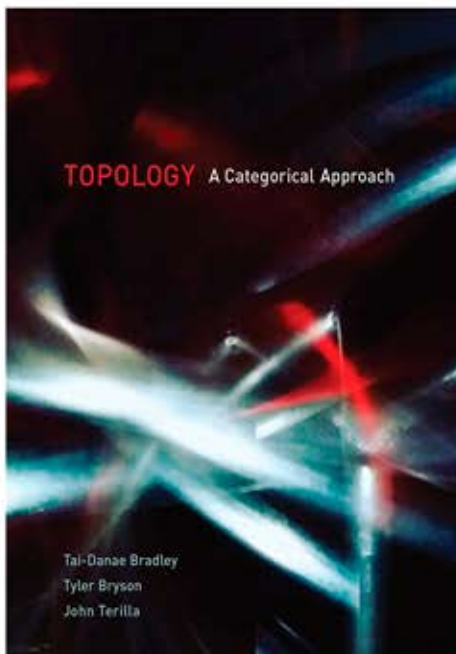


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Topology: A Categorical Approach

By Tai-Danae Bradley, Tyler Bryson and John Terilla



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- 6 Paths, Loops, Cylinders, Suspensions,...**

QED: The Strange Theory of Light and Matter

Richard P. Feynman

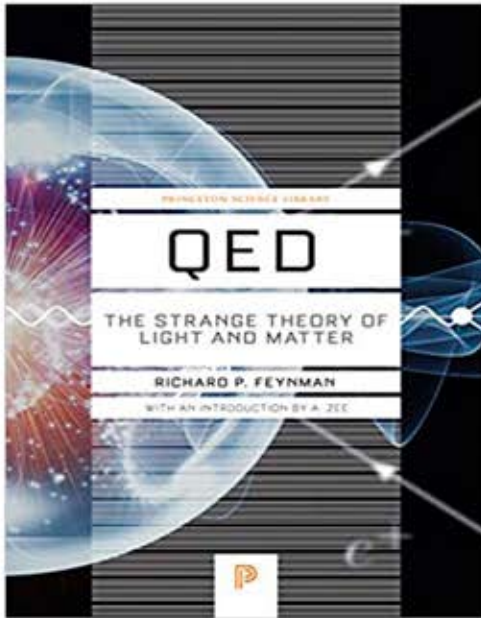
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Introduction to the 2006 Edition by A. Zee

Foreword by Leonard Mautner

Preface by Ralph Leighton

- 1. Introduction**
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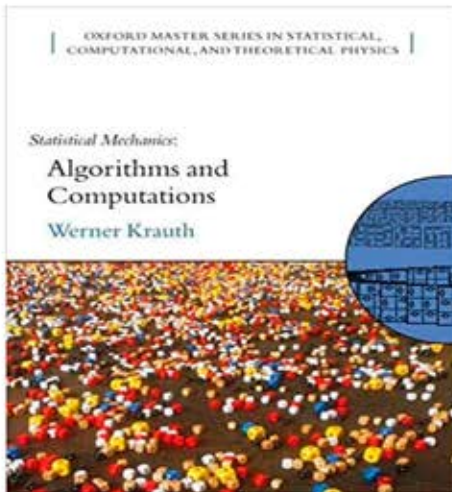


Statistical Mechanics: Algorithms and Computations

Werner Krauth

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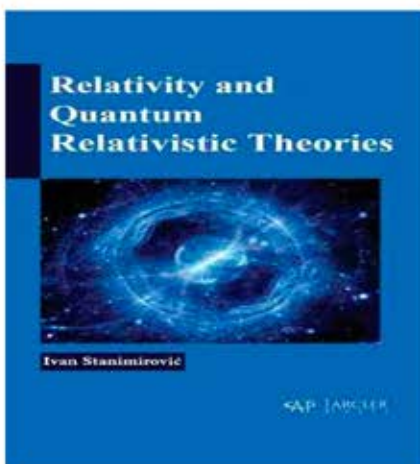


Relativity and Quantum Relativistic Theories

Ivan Stanimirovic, Olivera M. Stanimirovic

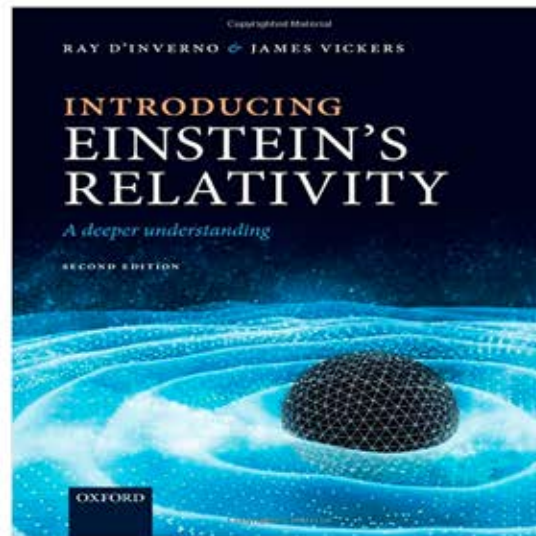
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Introducing Einstein's Relativity : A Deeper Understanding

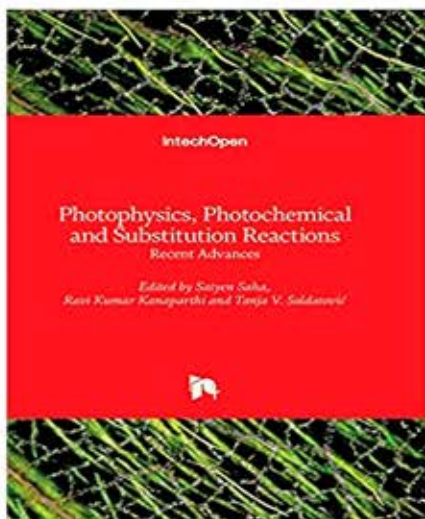
Ray d'Inverno and James Vickers



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Photophysics, Photochemical and Substitution Reactions: Recent Advances
Edited by Satyen Saha, Ravi Kumar Kanaparthi and Tanja Soldatovic



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Chapter 3 Supramolecular Chemistry and DNA Interaction Studies of Ferrocenyl Ureas and Thioureas

Chapter 4 CO₂ Reduction Characteristics of Cu/TiO₂ with Various Reductants

Chapter 5 Recent Progress of Electrocatalysts and Photocatalysts Bearing First Row Transition Metal for Hydrogen Evolution Reaction (HER)

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Chapter 7 Visible-Light Photocatalysis of Aldehyde and Carbonyl Functionalities, an Innovative Domain

Chapter 8 Supported-Metal Oxide Nanoparticles-Potential Photocatalysts

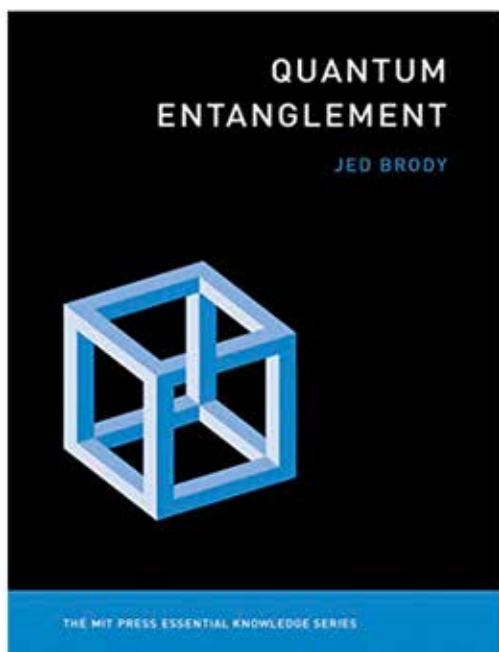
Chapter 9 Ferrocenes as One-Electron Donors in Unimolecular Rectifiers

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Quantum Entanglement
Jed Brody



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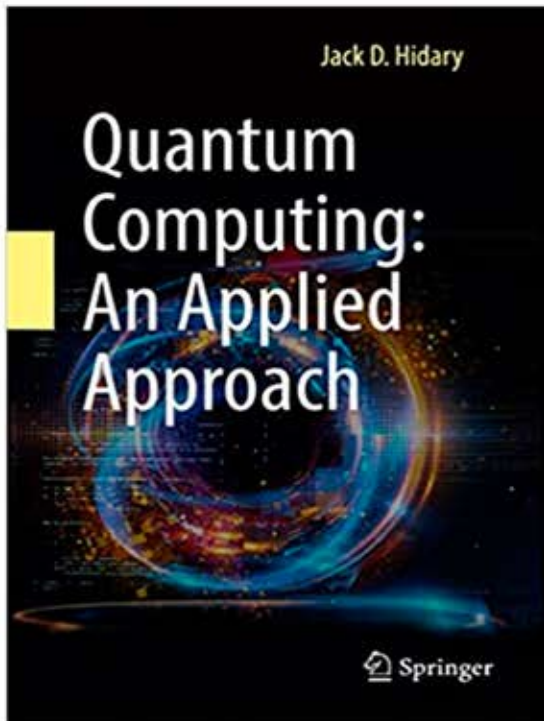
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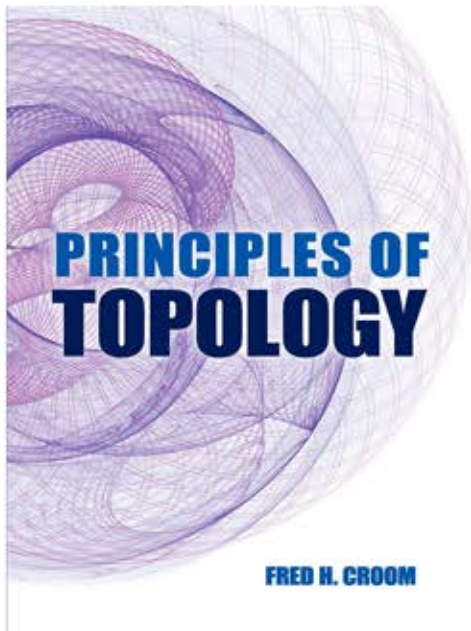
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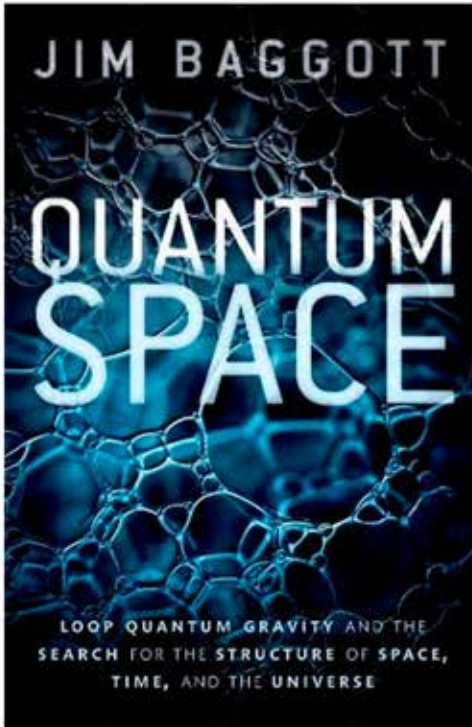
Principles of Topology Fred H. Croom



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Quantum Space : Loop Quantum Gravity and the Search for the Structure of Space, Time, and the Universe
Jim Baggott



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16. Close to the Edge: The Reality of Time and the Principles of the Open Future

Epilogue: A Few Questions, and Some Answers

Quantum physics for beginners : An easy and complete physics book of its most important theories. Discover the secrets of quantum mechanics from string theory to quantum computing
Susanne Dam Nygaard

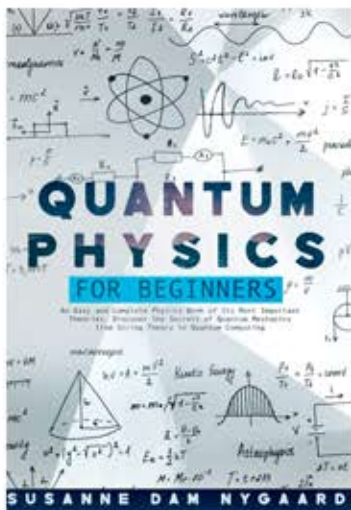


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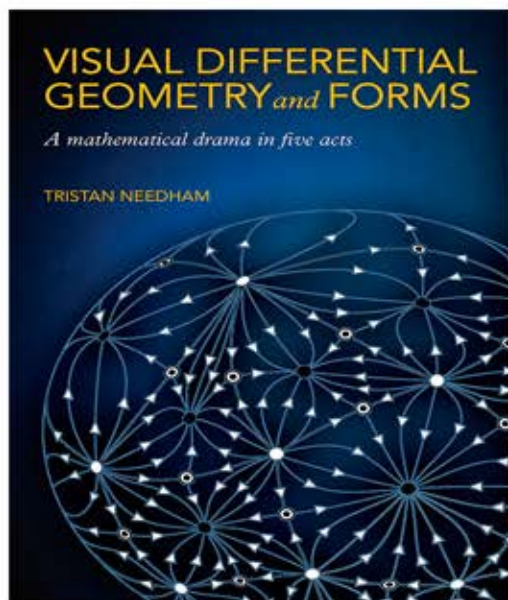
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Visual Differential Geometry and Forms: A Mathematical Drama in Five Acts
Tristan Needham



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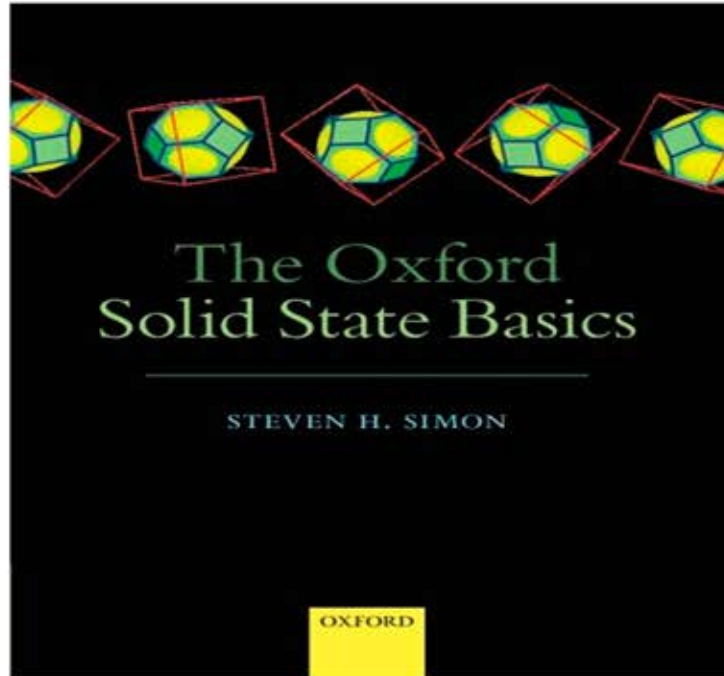
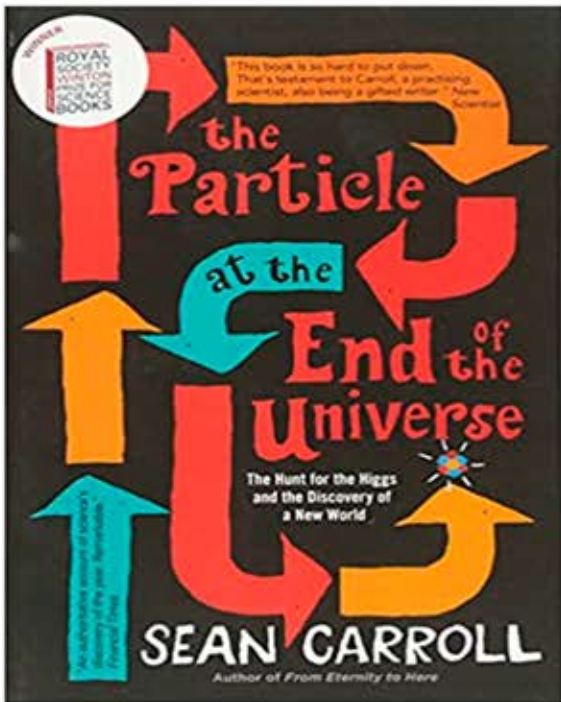


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The Particle at the End of the Universe: The Hunt for the Higgs and the Discovery of a New World

Sean Carroll

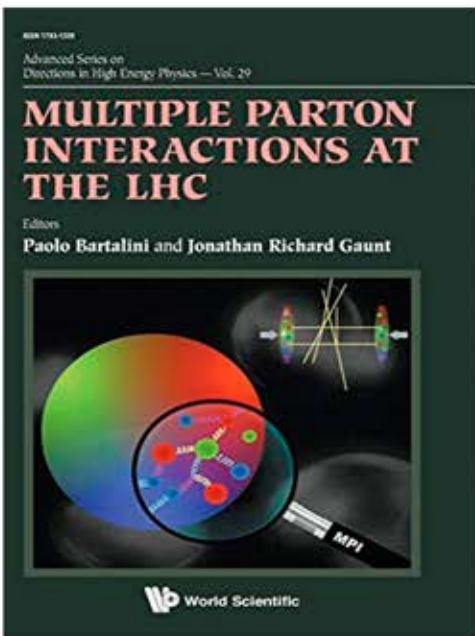


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Multiple Parton Interactions at the LHC

Edited By: Paolo Bartalini and Jonathan Richard Gaunt



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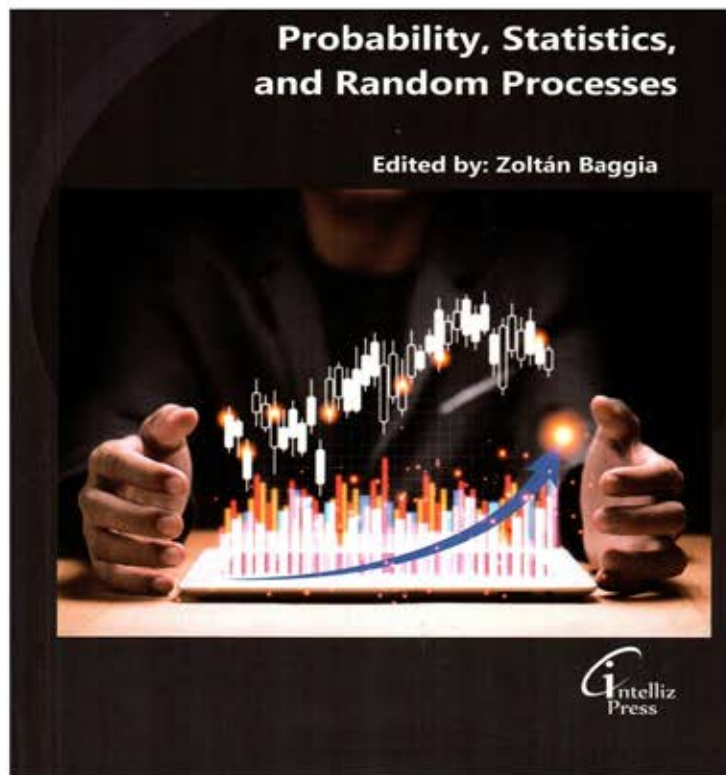
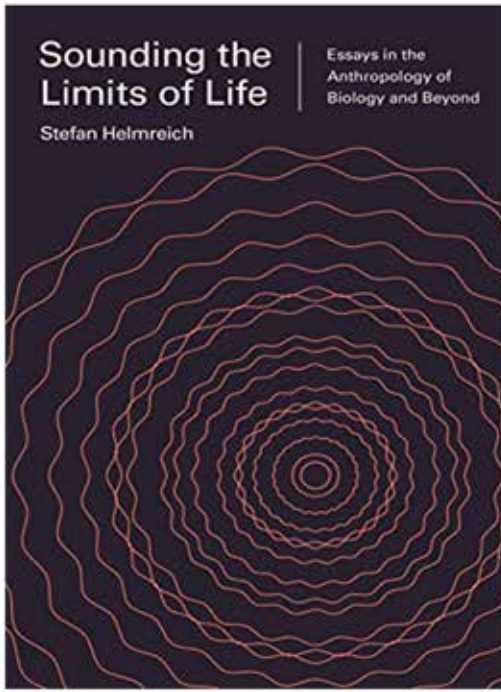


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Sounding the Limits of Life: Essays in the Anthropology of Biology and Beyond

Stefan Helmreich



☐ Life ☐ Water ☒ Sound

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Quantum Physics and the Evolution of Theoretical Mechanics: Discover All the Important Features of Quantum Physics and Mechanics and Learn the Basic Concepts Related to the Birth of the Universe

Samantha Goleman

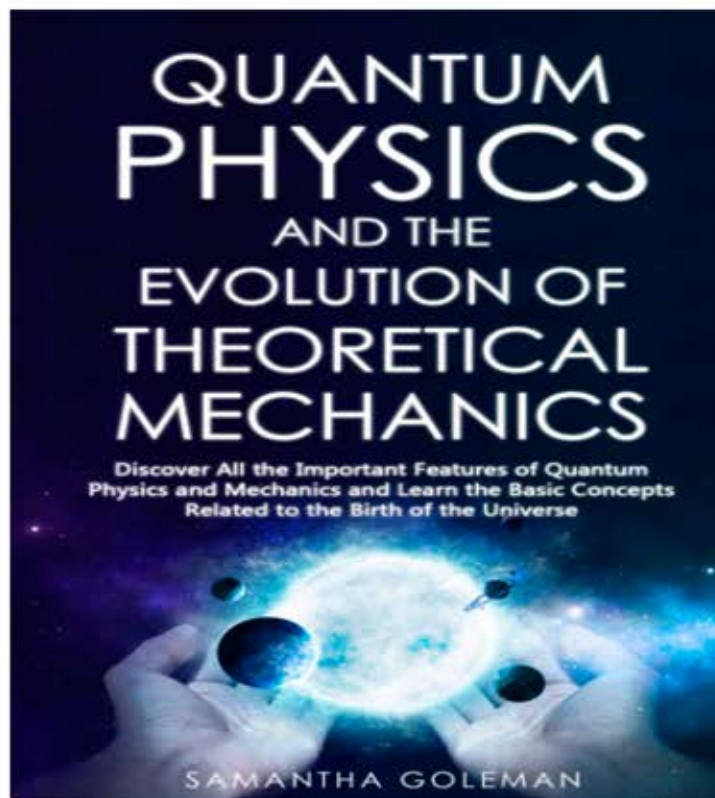


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