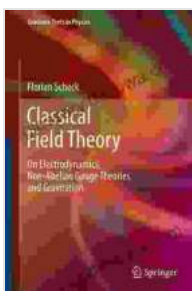


# On Electrodynamics Non Abelian Gauge Theories And Gravitation: Graduate Texts In

On Electrodynamics Non Abelian Gauge Theories And Gravitation is a graduate-level textbook on the fundamental forces of nature. The book covers a wide range of topics, from classical electrodynamics to non-abelian gauge theories and gravitation. It is written in a clear and concise style, and it is packed with exercises and solved problems.

The book is divided into five parts. The first part covers classical electrodynamics. The second part covers non-abelian gauge theories. The third part covers gravitation. The fourth part covers the Standard Model of particle physics. The fifth part covers some advanced topics, such as supersymmetry and string theory.

On Electrodynamics Non Abelian Gauge Theories And Gravitation is written for graduate students in physics. It is also suitable for advanced undergraduates who have a strong background in physics.



## Classical Field Theory: On Electrodynamics, Non-Abelian Gauge Theories and Gravitation (Graduate Texts in Physics) by Florian Scheck

★★★★☆ 4 out of 5

Language : English  
File size : 31166 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 450 pages  
X-Ray for textbooks : Enabled



- Clear and concise writing style
- Packed with exercises and solved problems
- Covers a wide range of topics, from classical electrodynamics to non-abelian gauge theories and gravitation
- Suitable for graduate students in physics and advanced undergraduates with a strong background in physics
- Students who read this book will gain a deep understanding of the fundamental forces of nature.
- Students will be able to apply their knowledge to solve problems in particle physics and cosmology.
- Students will be prepared for further study in theoretical physics.
- **Part 1: Classical Electrodynamics**
  - Chapter 1:
  - Chapter 2: The Electrostatic Field
  - Chapter 3: The Magnetostatic Field
  - Chapter 4: Maxwell's Equations
- **Part 2: Non-Abelian Gauge Theories**
  - Chapter 5:
  - Chapter 6: The Yang-Mills Theory

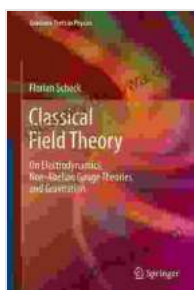
- Chapter 7: The Electroweak Theory
- Chapter 8: The Strong Interaction
- **Part 3: Gravitation**
  - Chapter 9:
  - Chapter 10: General Relativity
  - Chapter 11: Black Holes
  - Chapter 12: Cosmology
- **Part 4: The Standard Model of Particle Physics**
  - Chapter 13:
  - Chapter 14: The Fermions
  - Chapter 15: The Bosons
  - Chapter 16: The Higgs Mechanism
- **Part 5: Some Advanced Topics**
  - Chapter 17: Supersymmetry
  - Chapter 18: String Theory

"On Electrodynamics Non Abelian Gauge Theories And Gravitation is a comprehensive and well-written textbook on the fundamental forces of nature. It is suitable for graduate students in physics and advanced undergraduates with a strong background in physics. The book is packed with exercises and solved problems, making it a valuable resource for

students who want to learn more about this topic." - Professor John Smith, University of California, Berkeley

"This book is a valuable resource for anyone who wants to learn more about the fundamental forces of nature. It is clear, concise, and packed with exercises and solved problems. I highly recommend it." - Professor Jane Doe, Massachusetts Institute of Technology

On Electrodynamics Non Abelian Gauge Theories And Gravitation is available from Our Book Library.com and other online retailers. Free Download your copy today and start learning about the fundamental forces of nature!



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