



# Gauge/Gravity Duality: Foundations and Applications

*Martin Ammon, Johanna Erdmenger*

Download now

[Click here](#) if your download doesn't start automatically

# Gauge/Gravity Duality: Foundations and Applications

*Martin Ammon, Johanna Erdmenger*

**Gauge/Gravity Duality: Foundations and Applications** Martin Ammon, Johanna Erdmenger

Gauge/gravity duality creates new links between quantum theory and gravity. It has led to new concepts in mathematics and physics, and provides new tools to solve problems in many areas of theoretical physics. This book is the first textbook on this important topic, enabling graduate students and researchers in string theory and particle, nuclear and condensed matter physics to get acquainted with the subject. Focusing on the fundamental aspects as well as on the applications, this textbook guides readers through a thorough explanation of the central concepts of gauge/gravity duality. For the AdS/CFT correspondence, it explains in detail how string theory provides the conjectured map. Generalisations to less symmetric cases of gauge/gravity duality and their applications are then presented, in particular to finite temperature and density, hydrodynamics, QCD-like theories, the quark-gluon plasma and condensed matter systems. The textbook features a large number of exercises, with solutions available online at [www.cambridge.org/9781107010345](http://www.cambridge.org/9781107010345).



[Download Gauge/Gravity Duality: Foundations and Applications ...pdf](#)



[Read Online Gauge/Gravity Duality: Foundations and Applications ...pdf](#)

**Download and Read Free Online Gauge/Gravity Duality: Foundations and Applications** Martin Ammon, Johanna Erdmenger

---

## **Download and Read Free Online Gauge/Gravity Duality: Foundations and Applications Martin Ammon, Johanna Erdmenger**

---

### **From reader reviews:**

#### **Joshua Phipps:**

Have you spare time for the day? What do you do when you have considerably more or little spare time? Sure, you can choose the suitable activity regarding spend your time. Any person spent their very own spare time to take a go walking, shopping, or went to typically the Mall. How about open as well as read a book titled Gauge/Gravity Duality: Foundations and Applications? Maybe it is for being best activity for you. You recognize beside you can spend your time along with your favorite's book, you can cleverer than before. Do you agree with their opinion or you have additional opinion?

#### **Lisa Gaither:**

Now a day folks who Living in the era wherever everything reachable by match the internet and the resources inside can be true or not call for people to be aware of each info they get. How a lot more to be smart in obtaining any information nowadays? Of course the answer then is reading a book. Looking at a book can help men and women out of this uncertainty Information especially this Gauge/Gravity Duality: Foundations and Applications book because this book offers you rich facts and knowledge. Of course the info in this book hundred % guarantees there is no doubt in it you probably know this.

#### **Richard Rodriguez:**

Reading a reserve can be one of a lot of activity that everyone in the world really likes. Do you like reading book and so. There are a lot of reasons why people enjoy it. First reading a reserve will give you a lot of new facts. When you read a e-book you will get new information because book is one of various ways to share the information as well as their idea. Second, studying a book will make you actually more imaginative. When you reading a book especially hype book the author will bring that you imagine the story how the figures do it anything. Third, you can share your knowledge to other people. When you read this Gauge/Gravity Duality: Foundations and Applications, you may tells your family, friends along with soon about yours book. Your knowledge can inspire others, make them reading a reserve.

#### **Wayne Joseph:**

A lot of reserve has printed but it is different. You can get it by world wide web on social media. You can choose the best book for you, science, comic, novel, or whatever through searching from it. It is referred to as of book Gauge/Gravity Duality: Foundations and Applications. You'll be able to your knowledge by it. Without causing the printed book, it could possibly add your knowledge and make you happier to read. It is most important that, you must aware about publication. It can bring you from one place to other place.

**Download and Read Online Gauge/Gravity Duality: Foundations  
and Applications Martin Ammon, Johanna Erdmenger  
#V05FYDXAEHQ**

## **Read Gauge/Gravity Duality: Foundations and Applications by Martin Ammon, Johanna Erdmenger for online ebook**

Gauge/Gravity Duality: Foundations and Applications by Martin Ammon, Johanna Erdmenger Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Gauge/Gravity Duality: Foundations and Applications by Martin Ammon, Johanna Erdmenger books to read online.

### **Online Gauge/Gravity Duality: Foundations and Applications by Martin Ammon, Johanna Erdmenger ebook PDF download**

#### **Gauge/Gravity Duality: Foundations and Applications by Martin Ammon, Johanna Erdmenger Doc**

Gauge/Gravity Duality: Foundations and Applications by Martin Ammon, Johanna Erdmenger Mobipocket

Gauge/Gravity Duality: Foundations and Applications by Martin Ammon, Johanna Erdmenger EPub