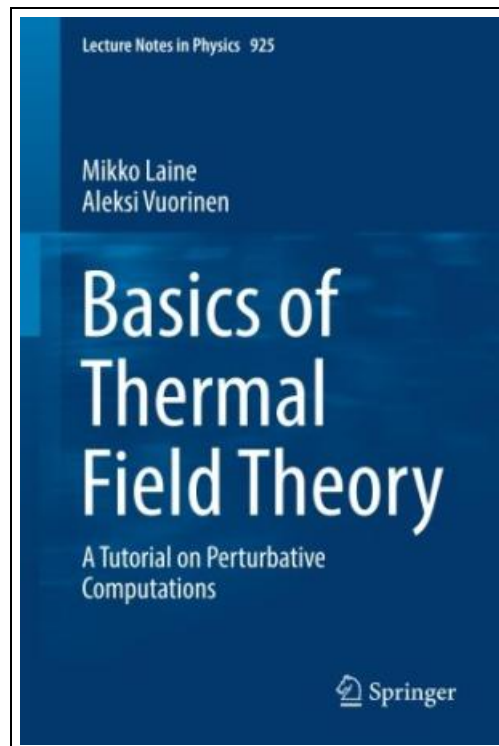


Basics of Thermal Field Theory: A Tutorial on Perturbative Computations (Lecture Notes in Physics)



Filesize: 5.64 MB

Reviews

This ebook is wonderful. Of course, it really is perform, nevertheless an interesting and amazing literature. Its been printed in an extremely straightforward way and it is simply after i finished reading this ebook where in fact changed me, modify the way i believe.
(Prof. Maxwell Stracke)

BASICS OF THERMAL FIELD THEORY: A TUTORIAL ON PERTURBATIVE COMPUTATIONS (LECTURE NOTES IN PHYSICS)

DOWNLOAD



To download **Basics of Thermal Field Theory: A Tutorial on Perturbative Computations (Lecture Notes in Physics)** eBook, make sure you refer to the button beneath and download the file or have access to other information which are relevant to **BASICS OF THERMAL FIELD THEORY: A TUTORIAL ON PERTURBATIVE COMPUTATIONS (LECTURE NOTES IN PHYSICS)** book.

Springer. Paperback. Condition: New. 200 pages. This book presents thermal field theory techniques, which can be applied in both cosmology and the theoretical description of the QCD plasma generated in heavy-ion collision experiments. It focuses on gauge interactions (whether weak or strong), which are essential in both contexts. As well as the many differences in the physics questions posed and in the microscopic forces playing a central role, the authors also explain the similarities and the techniques, such as the resummations, that are needed for developing a formally consistent perturbative expansion. The formalism is developed step by step, starting from quantum mechanics; introducing scalar, fermionic and gauge fields; describing the issues of infrared divergences; resummations and effective field theories; and incorporating systems with finite chemical potentials. With this machinery in place, the important class of real-time (dynamic) observables is treated in some detail. This is followed by an overview of a number of applications, ranging from the study of phase transitions and particle production rate computations, to the concept of transport and damping coefficients that play a ubiquitous role in current developments. The book serves as a self-contained textbook on relativistic thermal field theory for undergraduate and graduate students of theoretical high-energy physics. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



[Read Basics of Thermal Field Theory: A Tutorial on Perturbative Computations \(Lecture Notes in Physics\) Online](#)

[Download PDF Basics of Thermal Field Theory: A Tutorial on Perturbative Computations \(Lecture Notes in Physics\)](#)

Related PDFs

**[PDF] Magnificat in D Major, Bwv 243 Study Score Latin Edition**

Access the link listed below to download "Magnificat in D Major, Bwv 243 Study Score Latin Edition" document.

[Save PDF](#)

»

**[PDF] DK Readers Invaders From Outer Space Level 3 Reading Alone**

Access the link listed below to download "DK Readers Invaders From Outer Space Level 3 Reading Alone" document.

[Save PDF](#)

»

**[PDF] Scala in Depth**

Access the link listed below to download "Scala in Depth" document.

[Save PDF](#)

»

**[PDF] DK Readers Disasters at Sea Level 3 Reading Alone**

Access the link listed below to download "DK Readers Disasters at Sea Level 3 Reading Alone" document.

[Save PDF](#)

»

**[PDF] DK Readers The Story of Muhammad Ali Level 4 Proficient Readers**

Access the link listed below to download "DK Readers The Story of Muhammad Ali Level 4 Proficient Readers" document.

[Save PDF](#)

»

**[PDF] Readers Bermuda Triangle**

Access the link listed below to download "Readers Bermuda Triangle" document.

[Save PDF](#)

»