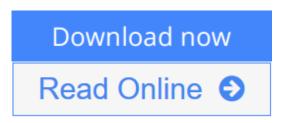


40 Years of Berezinskii-Kosterlitz-Thouless Theory

From World Scientific Publishing Company



40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company

"The editor has made an excellent job in bringing together ten articles exhaustively covering the most paradigmatic examples. All articles have the appropriate extension so as to offer a comprehensive tutorial basis to each argument. The book is completed by a very informative introduction by the editor and a useful subject index." Il Nuovo Saggiatore On the 40th anniversary of the Berezinskii-Kosterlitz-Thouless Theory (Bkt), this informative volume looks back at some of the developments and achievements and varied physics applications which ensued from the beautiful Bkt vortex-unbinding seminal idea. During the last four decades, Bkt theory, which is undeniably one of the most important developments in condensed matter and theoretical physics of the second half of the twentieth century, has expanded widely. It has been used and extended from many different theoretical and experimental perspectives. New and unexpected features have been uncovered from the Bkt theory. Since its inception, apart from applications in condensed matter physics, the theory has been actively applied in other branches of physics, such as high energy physics, atomic physics, nuclear physics, statistical physics, nonlinear systems, etc. This makes the theory an indispensable topic for all who are involved in physics. An international team of experts, each of whom has left his mark on the developments of this remarkable theory and experimental applications, contribute both historical essays and more detailed current technical and experimental accounts to this volume. These articles highlight the new discoveries from the respective authors' perspectives. This unique volume celebrates the impact over four decades of the Bkt theory on modern physics. In addition to the historical perspective provided by Kosterlitz and Thouless's overview, the volume provides a comprehensive description of experimental and theoretical applications and extensions of the Bkt theory.

Download 40 Years of Berezinskii-Kosterlitz-Thouless Theory ...pdf

Read Online 40 Years of Berezinskii-Kosterlitz-Thouless Theo ...pdf

40 Years of Berezinskii-Kosterlitz-Thouless Theory

From World Scientific Publishing Company

40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company

"The editor has made an excellent job in bringing together ten articles exhaustively covering the most paradigmatic examples. All articles have the appropriate extension so as to offer a comprehensive tutorial basis to each argument. The book is completed by a very informative introduction by the editor and a useful subject index." Il Nuovo Saggiatore On the 40th anniversary of the Berezinskii-Kosterlitz-Thouless Theory (Bkt), this informative volume looks back at some of the developments and achievements and varied physics applications which ensued from the beautiful Bkt vortex-unbinding seminal idea. During the last four decades, Bkt theory, which is undeniably one of the most important developments in condensed matter and theoretical physics of the second half of the twentieth century, has expanded widely. It has been used and extended from many different theoretical and experimental perspectives. New and unexpected features have been uncovered from the Bkt theory. Since its inception, apart from applications in condensed matter physics, the theory has been actively applied in other branches of physics, such as high energy physics, atomic physics, nuclear physics, statistical physics, nonlinear systems, etc. This makes the theory an indispensable topic for all who are involved in physics. An international team of experts, each of whom has left his mark on the developments of this remarkable theory and experimental applications, contribute both historical essays and more detailed current technical and experimental accounts to this volume. These articles highlight the new discoveries from the respective authors' perspectives. This unique volume celebrates the impact over four decades of the Bkt theory on modern physics. In addition to the historical perspective provided by Kosterlitz and Thouless's overview, the volume provides a comprehensive description of experimental and theoretical applications and extensions of the Bkt theory.

40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company Bibliography

- Rank: #2829239 in Books
- Published on: 2013-08-14
- Released on: 2013-06-18
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x .86" w x 6.00" l, 1.40 pounds
- Binding: Paperback
- 300 pages

Download 40 Years of Berezinskii-Kosterlitz-Thouless Theory ...pdf

<u>Read Online 40 Years of Berezinskii-Kosterlitz-Thouless Theo ...pdf</u>

Editorial Review

From the Inside Flap

On the 40th anniversary of the Berezinskii Kosterlitz Thouless Theory (BKT), this informative volume looks back at some of the developments and achievements and varied physics applications which ensued from the beautiful BKT vortex-unbinding seminal idea.

During the last four decades, BKT theory, which is undeniably one of the most important developments in condensed matter and theoretical physics of the second half of the twentieth century, has expanded widely. It has been used and extended from many different theoretical and experimental perspectives. New and unexpected features have been uncovered from the BKT theory. Since its inception, apart from applications in condensed matter physics, the theory has been actively applied in other branches of physics, such as high energy physics, atomic physics, nuclear physics, statistical physics, nonlinear systems, etc. This makes the theory an indispensable topic for all who are involved in physics.

An international team of experts, each of whom has left his mark on the developments of this remarkable theory and experimental applications, contribute both historical essays and more detailed current technical and experimental accounts to this volume. These articles highlight the new discoveries from the respective authors' perspectives.

This unique volume celebrates the impact over four decades of the BKT theory on modern physics. In addition to the historical perspective provided by Kosterlitz and Thouless's overview, the volume provides a comprehensive description of experimental and theoretical applications and extensions of the BKT theory.

Users Review

From reader reviews:

John Tibbs:

Do you considered one of people who can't read pleasant if the sentence chained in the straightway, hold on guys this particular aren't like that. This 40 Years of Berezinskii-Kosterlitz-Thouless Theory book is readable through you who hate the perfect word style. You will find the details here are arrange for enjoyable reading experience without leaving even decrease the knowledge that want to offer to you. The writer connected with 40 Years of Berezinskii-Kosterlitz-Thouless Theory content conveys the idea easily to understand by many people. The printed and e-book are not different in the articles but it just different in the form of it. So , do you even now thinking 40 Years of Berezinskii-Kosterlitz-Thouless Theory is not loveable to be your top record reading book?

Therese Watson:

Reading a publication tends to be new life style with this era globalization. With looking at you can get a lot of information which will give you benefit in your life. Together with book everyone in this world can easily share their idea. Textbooks can also inspire a lot of people. Lots of author can inspire all their reader with their story or their experience. Not only situation that share in the ebooks. But also they write about the

knowledge about something that you need example of this. How to get the good score toefl, or how to teach your sons or daughters, there are many kinds of book that exist now. The authors nowadays always try to improve their expertise in writing, they also doing some analysis before they write to the book. One of them is this 40 Years of Berezinskii-Kosterlitz-Thouless Theory.

Patricia Howard:

Reading can called imagination hangout, why? Because while you are reading a book especially book entitled 40 Years of Berezinskii-Kosterlitz-Thouless Theory your brain will drift away trough every dimension, wandering in each aspect that maybe unknown for but surely might be your mind friends. Imaging each and every word written in a publication then become one web form conclusion and explanation that will maybe you never get just before. The 40 Years of Berezinskii-Kosterlitz-Thouless Theory giving you an additional experience more than blown away your thoughts but also giving you useful details for your better life within this era. So now let us show you the relaxing pattern here is your body and mind will likely be pleased when you are finished reading it, like winning a game. Do you want to try this extraordinary investing spare time activity?

Vicki Harris:

You may get this 40 Years of Berezinskii-Kosterlitz-Thouless Theory by visit the bookstore or Mall. Just viewing or reviewing it can to be your solve difficulty if you get difficulties on your knowledge. Kinds of this publication are various. Not only by simply written or printed but also can you enjoy this book by e-book. In the modern era just like now, you just looking by your local mobile phone and searching what their problem. Right now, choose your current ways to get more information about your reserve. It is most important to arrange you to ultimately make your knowledge are still update. Let's try to choose suitable ways for you.

Download and Read Online 40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company #4MSJQDEOP9H

Read 40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company for online ebook

40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company 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 40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company books to read online.

Online 40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company ebook PDF download

40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company Doc

40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company Mobipocket

40 Years of Berezinskii-Kosterlitz-Thouless Theory From World Scientific Publishing Company EPub