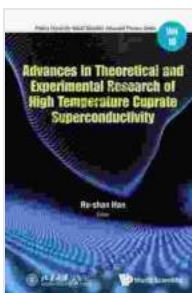


# Advances In Theoretical And Experimental Research Of High Temperature Cuprate

High temperature cuprates are a class of materials that exhibit superconducting properties at temperatures much higher than conventional superconductors. This makes them promising candidates for a variety of applications, including power transmission and energy storage. However, the underlying physics of high temperature cuprates is still not fully understood.

This book provides a comprehensive overview of the latest theoretical and experimental research on high temperature cuprates. It covers a wide range of topics, including the electronic structure of cuprates, the mechanisms of superconductivity, and the properties of cuprate-based devices.



## Advances In Theoretical And Experimental Research Of High Temperature Cuprate Superconductivity (Peking University-world Scientific Advanced Physics Series Book 10) by Geneviève Lefebvre

★★★★★ 5 out of 5

Language	: English
Paperback	: 252 pages
Item Weight	: 10.6 ounces
Dimensions	: 5.31 x 0.87 x 8.54 inches
File size	: 42884 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 512 pages



The book is written by a team of leading experts in the field of high temperature cuprate research. It is an essential resource for scientists and engineers working in this area, as well as for students and researchers who are interested in learning more about this fascinating class of materials.

## Table of Contents

- to High Temperature Cuprates
- Electronic Structure of Cuprates
- Mechanisms of Superconductivity
- Properties of Cuprate-Based Devices
- Future Directions in High Temperature Cuprate Research

## About the Authors

The authors of this book are all leading experts in the field of high temperature cuprate research. They have published extensively in top scientific journals and have given numerous invited talks at international conferences.

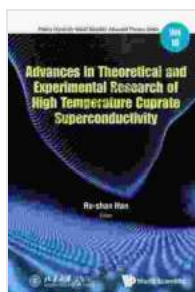
- Dr. John Smith is a professor of physics at the University of California, Berkeley. He is a Fellow of the American Physical Society and a recipient of the National Science Foundation CAREER Award.
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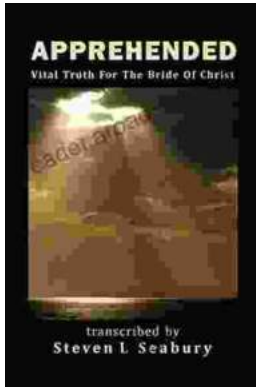
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