



# Superconductivity

By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick

Download now

Read Online ➔

**Superconductivity** By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick

**Superconductivity** is an encyclopedic treatment of all aspects of the subject, from classic materials to fullerenes. Emphasis is on balanced coverage, with a comprehensive reference list and significant graphics from all areas of the published literature. Widely used theoretical approaches are explained in detail. Topics of special interest include high temperature superconductors, spectroscopy, critical states, transport properties, and tunneling.

## Key Features

- \* Extensive and detailed tables of properties
- \* Substantial art program
- \* In-depth treatment of bucky balls (fullerenes)
- \* Excellent chapter on spectroscopy
- \* Provides a comprehensive discussion of fullerene superconductivity
- \* Emphasizes high-temperature superconductivity
- \* Includes numerous tables with extensive up-to-date data on various superconductors

 [Download Superconductivity ...pdf](#)

 [Read Online Superconductivity ...pdf](#)

# Superconductivity

*By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick*

**Superconductivity** By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick

**Superconductivity** is an encyclopedic treatment of all aspects of the subject, from classic materials to fullerenes. Emphasis is on balanced coverage, with a comprehensive reference list and significant graphics from all areas of the published literature. Widely used theoretical approaches are explained in detail. Topics of special interest include high temperature superconductors, spectroscopy, critical states, transport properties, and tunneling.

## Key Features

- \* Extensive and detailed tables of properties
- \* Substantial art program
- \* In-depth treatment of bucky balls (fullerenes)
- \* Excellent chapter on spectroscopy
- \* Provides a comprehensive discussion of fullerene superconductivity
- \* Emphasizes high-temperature superconductivity
- \* Includes numerous tables with extensive up-to-date data on various superconductors

## Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick Bibliography

- Sales Rank: #5018607 in Books
- Published on: 1996-04-03
- Ingredients: Example Ingredients
- Original language: English
- Number of items: 1
- Dimensions: 1.19" h x 6.80" w x 9.91" l,
- Binding: Paperback
- 620 pages

 [Download Superconductivity ...pdf](#)

 [Read Online Superconductivity ...pdf](#)

## **Editorial Review**

### **Review**

Poole, Farach, and Creswick (PFC) have written a very complete book on superconductivity; they cover a broad spectrum of the properties of conventional metallic and intermetallic superconductors, cuprate superconductors, and fullerenes.

--Kara Beauchamp in AMERICAN JOURNAL OF PHYSICS

### **From the Back Cover**

At last, a comprehensive reference on all aspects of superconductivity, from classic materials to fullerenes. The emphasis is on balanced coverage, with a detailed reference list of the published literature. Of special interest are the coverage of high-temperature superconductors, spectroscopy, critical states, transport properties, and tunneling. This exhaustive introduction to superconductors will be of interest to physicists, chemists, materials scientists, and engineers.

### **About the Author**

Dr. Farach has received international, national, and university awards. He is a member of the Academy of Science of Argentina and a Fellow of the American Society.

My research is in the area of theoretical condensed matter physics, especially the foundations of statistical physics. I have published extensively in the area of critical phenomena and phase transitions, including the text "Introduction to Renormalization Group Methods in Physics" with my co-authors Horacio Farach and Charles Poole. My most recent interests focus on numerical simulation of the mixed state in type-I superconductors, the analytical properties of the partition function, and the origins irreversibility.

## **Users Review**

### **From reader reviews:**

#### **Steven Page:**

Have you spare time for the day? What do you do when you have a lot more or little spare time? Yep, you can choose the suitable activity intended for spend your time. Any person spent all their spare time to take a stroll, shopping, or went to the actual Mall. How about open or perhaps read a book eligible Superconductivity? Maybe it is being best activity for you. You know beside you can spend your time together with your favorite's book, you can smarter than before. Do you agree with the opinion or you have various other opinion?

#### **Mary Benoit:**

Reading a book being new life style in this calendar year; every people loves to learn a book. When you learn a book you can get a great deal of benefit. When you read books, you can improve your knowledge, mainly because book has a lot of information onto it. The information that you will get depend on what sorts of book that you have read. If you want to get information about your study, you can read education books,

but if you act like you want to entertain yourself you can read a fiction books, such as novel, comics, in addition to soon. The Superconductivity will give you a new experience in examining a book.

**Kevin Lewis:**

Beside that Superconductivity in your phone, it could give you a way to get more close to the new knowledge or data. The information and the knowledge you can get here is fresh from your oven so don't always be worry if you feel like an outdated people live in narrow small town. It is good thing to have Superconductivity because this book offers to you personally readable information. Do you sometimes have book but you do not get what it's about. Oh come on, that will happen if you have this with your hand. The Enjoyable option here cannot be questionable, like treasuring beautiful island. So do you still want to miss it? Find this book as well as read it from at this point!

**Grace Harrell:**

Within this era which is the greater man or who has ability to do something more are more important than other. Do you want to become among it? It is just simple approach to have that. What you should do is just spending your time not very much but quite enough to have a look at some books. One of many books in the top record in your reading list is actually Superconductivity. This book that is certainly qualified as The Hungry Hillside can get you closer in turning out to be precious person. By looking up and review this guide you can get many advantages.

**Download and Read Online Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick #2YQ6G7PMXOT**

## **Read Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick for online ebook**

Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick 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 Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick books to read online.

### **Online Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick ebook PDF download**

**Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick Doc**

**Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick Mobipocket**

**Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick EPub**

**2YQ6G7PMXOT: Superconductivity By Charles P. Poole Jr., Horacio A. Farach, Richard J. Creswick**