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Charles Kittel did his undergraduate work in physics at M.I.T and at the Cavendish Laboratory of Cambridge University. He received his Ph.D. from the University of Wisconsin. He worked in the solid state group at Bell Laboratories, along with Bardeen and Shockley, leaving to start the theoretical solid state physics group at Berkeley in 1951.

## **Introduction to Solid State Physics: Kittel, Charles ...**

Kittel's book is fantastic at sketching out physical explanations of

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concepts, which is often at the expense of a truly rigorous approach. (For instance, the coverage of the quantization of flux in a superconducting ring, the derivation/sketch of Thomas-Fermi screening, and on and on.)

## **Introduction to Solid State Physics: Charles Kittel ...**

Charles Kittel did his undergraduate work in physics at M.I.T and at the Cavendish Laboratory of Cambridge University. He received his Ph.D. from the University of Wisconsin. He worked in the solid state group at Bell Laboratories, along with Bardeen and Shockley, leaving to start the theoretical solid state physics group at Berkeley in 1951.

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## **Kittel, charles - introduction to solid state physics 8th ...**

Thursday, May 16, 2019. Charles Kittel passed away yesterday evening, at the age of 102. Charles served on the Berkeley physics faculty from 1951 to 1978, and since 1978 has been an emeritus faculty member. His famous textbook "Introduction to Solid State Physics" remains a classic.

## **Remembering Charles Kittel | UC Berkeley Physics**

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## **Introduction To Solid State Physics 8th Edition By Charles ...**

Physics students worldwide study his classic text Introduction to Solid State Physics, now in its 8th edition. He was a member of the U.S. National Academy of Sciences, elected in 1957. Kittel died on May 15, 2019 at the age of 102. Awards. Oliver E. Buckley Condensed Matter Prize, 1957; Berkeley Distinguished Teacher Award, 1970



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## **Charles Kittel - Wikipedia**

Introduction to Solid State Physics, 8th Edition Charles Kittel  
CHAPTER 1: CRYSTAL STRUCTURE. Periodic Array of Atoms.  
Fundamental Types of Lattices. Index System for Crystal Planes.  
Simple Crystal Structures. Direct Imaging of Atomic Structure.  
Nonideal Crystal Structures.

## **Introduction to Solid State Physics, 8th Edition Charles ...**

Introduction to Solid State Physics, known colloquially as Kittel, is a classic condensed matter physics textbook written by American physicist Charles Kittel in 1953. The book has been highly influential and has seen widespread adoption; Marvin L. Cohen remarked in 2019 that Kittel's content choices in the original edition played a large role in defining the field of solid-state physics . [2]

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## **IntroductiontoSolidStatePhysics.CHARLES KITTEL.8th.Edition ...**

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## **Charles Kittel (Author of Introduction to Solid State Physics)**

Charles Kittel did his undergraduate work in physics at M.I.T and at

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the Cavendish Laboratory of Cambridge University. He received his Ph.D. from the University of Wisconsin. He worked in the solid state group at Bell Laboratories, along with Bardeen and Shockley, leaving to start the theoretical solid state physics group at Berkeley in 1951.

## **Introduction to Solid State Physics - Kittel, Charles ...**

I first came to know about him in my post-graduation when I had studied his book entitled "Introduction to Solid State Physics". This was the time when I read about the book author Charles Kittel and that book become one of my best book of physics. The book language and explanation was very simple and in an easy way.

## **Memories of Professor Charles Kittel | UC Berkeley Physics**

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