

Download Recent Advances In Superconductivity

Superconductivity, a clear-cut quantum phenomenon of zero electrical resistivity and perfect diamagnetism, was discovered in 1911 for mercury. An extensive search for novel superconductors, in particular materials with higher critical temperature (T_c), has been performed since then. Scientists have been intensively studying how coral reefs respond to environmental stress since the first major coral bleaching events of the early 1980s. This is the second book to RF Superconducting, written by one of the leading experts. The book provides fast and up-to-date access to the latest advances in the key technology for future accelerators. Superconductivity--the flow of electric current without resistance in certain materials as temperatures near absolute zero--is one of the greatest discoveries of 20th century physics, but it can seem impenetrable to those who lack a solid scientific background.