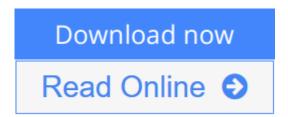


Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology)

From Springer



Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer

This book presents the latest developments in noncontact atomic force microscopy. It deals with the following outstanding functions and applications that have been obtained with atomic resolution after the publication of volume 2: (1) Pauli repulsive force imaging of molecular structure, (2) Applications of force spectroscopy and force mapping with atomic resolution, (3) Applications of tuning forks, (4) Applications of atomic/molecular manipulation, (5) Applications of magnetic exchange force microscopy, (6) Applications of atomic and molecular imaging in liquids, (7) Applications of combined AFM/STM with atomic resolution, and (8) New technologies in dynamic force microscopy. These results and technologies are now expanding the capacity of the NC-AFM with imaging functions on an atomic scale toward making them characterization and manipulation tools of individual atoms/molecules and nanostructures, with outstanding capability at the level of molecular, atomic, and subatomic resolution. Since the publication of vol. 2 of the book Noncontact Atomic Force Microscopy in 2009 the noncontact atomic force microscope, which can image even insulators with atomic resolution, has achieved remarkable progress. The NC-AFM is now becoming crucial for nanoscience and nanotechnology.

Download Noncontact Atomic Force Microscopy: Volume 3 (Nano ...pdf

Read Online Noncontact Atomic Force Microscopy: Volume 3 (Na ...pdf

Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology)

From Springer

Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer

This book presents the latest developments in noncontact atomic force microscopy. It deals with the following outstanding functions and applications that have been obtained with atomic resolution after the publication of volume 2: (1) Pauli repulsive force imaging of molecular structure, (2) Applications of force spectroscopy and force mapping with atomic resolution, (3) Applications of tuning forks, (4) Applications of atomic/molecular manipulation, (5) Applications of magnetic exchange force microscopy, (6) Applications of atomic and molecular imaging in liquids, (7) Applications of combined AFM/STM with atomic resolution, and (8) New technologies in dynamic force microscopy. These results and technologies are now expanding the capacity of the NC-AFM with imaging functions on an atomic scale toward making them characterization and manipulation tools of individual atoms/molecules and nanostructures, with outstanding capability at the level of molecular, atomic, and subatomic resolution. Since the publication of vol. 2 of the book Noncontact Atomic Force Microscopy in 2009 the noncontact atomic force microscope, which can image even insulators with atomic resolution, has achieved remarkable progress. The NC-AFM is now becoming crucial for nanoscience and nanotechnology.

Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer Bibliography

Sales Rank: #6644776 in Books
Published on: 2015-05-20
Original language: English

• Number of items: 1

• Dimensions: 9.21" h x 1.19" w x 6.14" l, .0 pounds

• Binding: Hardcover

• 527 pages

▶ Download Noncontact Atomic Force Microscopy: Volume 3 (Nano ...pdf

Read Online Noncontact Atomic Force Microscopy: Volume 3 (Na ...pdf

Download and Read Free Online Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer

Editorial Review

Users Review

From reader reviews:

Ralph Humphries:

Hey guys, do you really wants to finds a new book to study? May be the book with the headline Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) suitable to you? The particular book was written by well known writer in this era. The actual book untitled Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) is a single of several books that everyone read now. This specific book was inspired many people in the world. When you read this e-book you will enter the new dimensions that you ever know prior to. The author explained their thought in the simple way, so all of people can easily to be aware of the core of this publication. This book will give you a lots of information about this world now. To help you see the represented of the world in this particular book.

Larry Artz:

The actual book Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) will bring that you the new experience of reading a new book. The author style to elucidate the idea is very unique. If you try to find new book to learn, this book very suited to you. The book Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) is much recommended to you to study. You can also get the e-book from the official web site, so you can quickly to read the book.

Linda Henderson:

Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) can be one of your beginning books that are good idea. We recommend that straight away because this e-book has good vocabulary that will increase your knowledge in terminology, easy to understand, bit entertaining but still delivering the information. The writer giving his/her effort to get every word into pleasure arrangement in writing Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) nevertheless doesn't forget the main point, giving the reader the hottest and based confirm resource info that maybe you can be considered one of it. This great information could drawn you into new stage of crucial imagining.

Dennis Jenkins:

Don't be worry for anyone who is afraid that this book can filled the space in your house, you could have it in e-book approach, more simple and reachable. This specific Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) can give you a lot of pals because by you looking at this one book you have thing that they don't and make a person more like an interesting person. This kind of book can be

one of one step for you to get success. This guide offer you information that might be your friend doesn't recognize, by knowing more than different make you to be great men and women. So, why hesitate? We need to have Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology).

Download and Read Online Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer #A64G23W87OX

Read Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer for online ebook

Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer 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 Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer books to read online.

Online Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer ebook PDF download

Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer Doc

Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer Mobipocket

Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer EPub

A64G23W87OX: Noncontact Atomic Force Microscopy: Volume 3 (NanoScience and Technology) From Springer