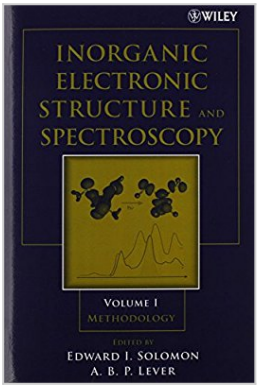

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2)

From John Wiley & Sons

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons

-Journal of Chemical Education
This newly available paperbound edition of Inorganic Electronic Structure and Spectroscopy includes all the material from the original clothbound edition published in 1999. Consisting of articles contributed by outstanding scientists from around the world, Volume I, Methodology presents the state of the art in this field, written in a style accessible to the well-read senior undergraduate, and yet still of superior value to the senior researcher.
The first of a two-volume set, Volume I provides a thorough review of methodologies in transition metal spectroscopy and theoretical modeling, including:
* Electron Paramagnetic Resonance Spectroscopy
* IR, Raman, and Resonance Raman Spectroscopy
* Newer techniques used in inorganic chemistry, such as polarized absorption spectroscopy
* Luminescence spectroscopy
* Laser spectroscopy, X-ray and absorption spectroscopy, and EXAFS
* Three important chapters on traditional ligand field theory
This work assumes a basic understanding of quantum chemistry and group theory and reflects the current state of development for many of the techniques used by practicing inorganic chemists. Although written by multiple contributors, the editors' holistic approach to the manuscript has ensured a uniform presentation.

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2)

From John Wiley & Sons

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons

-Journal of Chemical Education
This newly available paperbound edition of Inorganic Electronic Structure and Spectroscopy includes all the material from the original clothbound edition published in 1999. Consisting of articles contributed by outstanding scientists from around the world, Volume I, Methodology presents the state of the art in this field, written in a style accessible to the well-read senior undergraduate, and yet still of superior value to the senior researcher.
The first of a two-volume set, Volume I provides a thorough review of methodologies in transition metal spectroscopy and theoretical modeling, including:
* Electron Paramagnetic Resonance Spectroscopy
* IR, Raman, and Resonance Raman Spectroscopy
* Newer techniques used in inorganic chemistry, such as polarized absorption spectroscopy
* Luminescence spectroscopy
* Laser spectroscopy, X-ray and absorption spectroscopy, and EXAFS
* Three important chapters on traditional ligand field theory
This work assumes a basic understanding of quantum chemistry and group theory and reflects the current state of development for many of the techniques used by practicing inorganic chemists. Although written by multiple contributors, the editors' holistic approach to the manuscript has ensured a uniform presentation.

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons Bibliography

- Sales Rank: #10559971 in Books
- Published on: 2005-12-09
- Original language: English
- Number of items: 2
- Dimensions: 9.31" h x 1.57" w x 6.28" l, .0 pounds
- Binding: Paperback
- 1390 pages

Editorial Review

From the Back Cover
--Journal of Chemical Education

This newly available paperbound edition of Inorganic Electronic Structure and Spectroscopy includes all the material from the original clothbound edition published in 1999. Consisting of articles contributed by outstanding scientists from around the world, Volume I, Methodology presents the state of the art in this field, written in a style accessible to the well-read senior undergraduate, and yet still of superior value to the senior researcher.

The first of a two-volume set, Volume I provides a thorough review of methodologies in transition metal spectroscopy and theoretical modeling, including: Electron Paramagnetic Resonance SpectroscopyIR, Raman, and Resonance Raman SpectroscopyNewer techniques used in inorganic chemistry, such as polarized absorption spectroscopyLuminescence spectroscopyLaser spectroscopy, X-ray and absorption spectroscopy, and EXAFSThree important chapters on traditional ligand field theory

This work assumes a basic understanding of quantum chemistry and group theory and reflects the current state of development for many of the techniques used by practicing inorganic chemists. Although written by multiple contributors, the editors' holistic approach to the manuscript has ensured a uniform presentation.

About the Author
Edward I. Solomon is a Monroe E. Spaght Professor of Chemistry at the Standford University Department of Chemistry. He received his BS in 1968 from Rensselaer University, and his Ph.D. in 1972 from Princeton University. His research emphasizes the detailed application of a wide variety of spectroscopic methods combined with molecular orbital calculations to probe the electronic structure of a transition metal complex and its relation to physical properties and reactivity. Three areas of physical-inorganic and bioinorganic chemistry are of general interest: chemical and spectroscopic studies of metalloprotein active sites, detailed spectroscopic and electronic structure studies of high symmetry transition metal complexes, and development of synchroton spectroscopies (at SSRL) to solve important problems in inorganic chemistry. Professor Solomon is an Alfred P. Sloan Foundation Fellow, 1976-79, an Associate Editor for "Inorganic Chemistry," and has received a number of other honors throughout his career.

Alfred Barry P. Lever is a Distinguished Research Professor (Emeritus) in the Department of Chemistry at York University in Toronto. He received his Ph.D. in 1960, from the Imperial College of Science and Technology in London. He is the Founding Editor of the journal "Coordination Chemistry Reviews." This journal offers rapid publication of review articles on topics of current interest and importance in coordination chemistry, which includes aspects of organometallic, theoretical and bioinorganic chemistry. Professor Lever was, amongst other things, a Killam Research Fellow from 2000 through 2002, and was the 2002 recipient of the prestigious Linstead Award for Career Achievementsin Phthalocyanine Chemistry.

Users Review

From reader reviews:

John Kuykendall:

Have you spare time for the day? What do you do when you have considerably more or little spare time? Yep, you can choose the suitable activity intended for spend your time. Any person spent their own spare time to take a move, shopping, or went to typically the Mall. How about open as well as read a book allowed Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2)? Maybe it is being best activity for you. You understand beside you can spend your time with your favorite's book, you can cleverer than before. Do you agree with its opinion or you have different opinion?

Phillip Permenter:

What do you regarding book? It is not important along with you? Or just adding material when you really need something to explain what the one you have problem? How about your free time? Or are you busy individual? If you don't have spare time to do others business, it is gives you the sense of being bored faster. And you have spare time? What did you do? Every individual has many questions above. They should answer that question since just their can do that. It said that about guide. Book is familiar on every person. Yes, it is right. Because start from on pre-school until university need this Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) to read.

Sara Matthews:

Nowadays reading books be than want or need but also get a life style. This reading addiction give you lot of advantages. Advantages you got of course the knowledge the particular information inside the book this improve your knowledge and information. The information you get based on what kind of e-book you read, if you want get more knowledge just go with knowledge books but if you want truly feel happy read one together with theme for entertaining for example comic or novel. Typically the Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) is kind of reserve which is giving the reader unstable experience.

Doris Garcia:

Hey guys, do you wishes to finds a new book to read? May be the book with the headline Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) suitable to you? The actual book was written by well-known writer in this era. Often the book untitled Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2)is one of several books which everyone read now. This particular book was inspired many people in the world. When you read this guide you will enter the new age that you ever know previous to. The author explained their idea in the simple way, and so all of people can easily to recognise the core of this e-book. This book will give you a lots of information about this world now. To help you to see the represented of the world with this book.

Read Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons for online ebook

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons 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 Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons books to read online.

Online Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons ebook PDF download

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons Doc

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons Mobipocket

Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons EPub

UH2E0GZVTCA: Inorganic Electronic Structure and Spectroscopy, Inorganic Electronic Structure and Spectroscopy V1 Methodology and Inorganic Electronic Structure and ... Applications and Case Studies Set (v. 1 & 2) From John Wiley & Sons