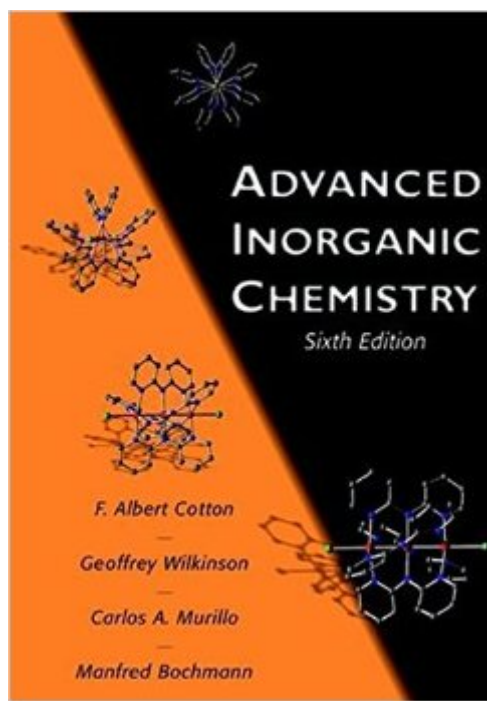


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# Advanced Inorganic Chemistry



## Synopsis

For more than a quarter century, Cotton and Wilkinson's *Advanced Inorganic Chemistry* has been the source that students and professional chemists have turned to for the background needed to understand current research literature in inorganic chemistry and aspects of organometallic chemistry. Like its predecessors, this updated Sixth Edition is organized around the periodic table of elements and provides a systematic treatment of the chemistry of all chemical elements and their compounds. It incorporates important recent developments with an emphasis on advances in the interpretation of structure, bonding, and reactivity. From the reviews of the Fifth Edition: \* "The first place to go when seeking general information about the chemistry of a particular element, especially when up-to-date, authoritative information is desired." -Journal of the American Chemical Society. \* "Every student with a serious interest in inorganic chemistry should have [this book]." -Journal of Chemical Education. \* "A mine of information . . . an invaluable guide." -Nature. \* "The standard by which all other inorganic chemistry books are judged."-Nouveau Journal de Chimie. \* "A masterly overview of the chemistry of the elements."-The Times of London Higher Education Supplement. \* "A bonanza of information on important results and developments which could otherwise easily be overlooked in the general deluge of publications." -Angewandte Chemie.

## Book Information

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## Customer Reviews

The 5th edition of this book had been compulsory reading during my undergraduate inorganic chemistry courses: it was the inorganic chemistry bible. This edition fails to reach the high standard

of its predecessor. In fact, it isn't even a good advanced inorganic chemistry text. Much of the really useful stuff that forms the basis of an understanding of inorganic chemistry has been omitted in favour of niche topics. The book would be better called 'Advances in Inorganic Chemistry' or 'Selected Topics in Inorganic Chemistry'.

This was one of the best book for inorganic chemistry, but this edition is very different from the previous ones. Many useful chapters have been done away with; they have been replaced with chapters rather poor, especially those about catalysis. I advise the fifth edition, which is much better, even if it's quite old: the updates of new edition don't offset its flaws.

This is a classic inorganic chemistry book. Written by at least one giant of inorganic chemistry (G. Wilkinson, Nobel Prize), it is a great reference text for inorganic and organometallic chemistry students, undergraduates and graduate students alike, as well as established chemist professionals.

With this edition of "Advanced Inorganic Chemistry", Albert Cotton and his co-authors have proved that they kept track of all the recent developments in the field. This text provides clear and balanced coverage, as it applies to Inorganic Chemistry. Every branch of the course was browsed, and with generous details too. In addition to the general principles and laws, there are updated information on: Atomic Structures of elements, Chemical Bondings and related associations; as well as Chemical Equilibria and Enthalpy. Together with its insight in Nuclear Chemistry, the details this book provided on inorganic elements and compounds is worthy of praise. It is a fine textbook, which anyone who has the basic knowledge of elementary chemistry should be glad to read.

Great Book - paper back makes it lighter but also a bit less durable! Overall good!

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