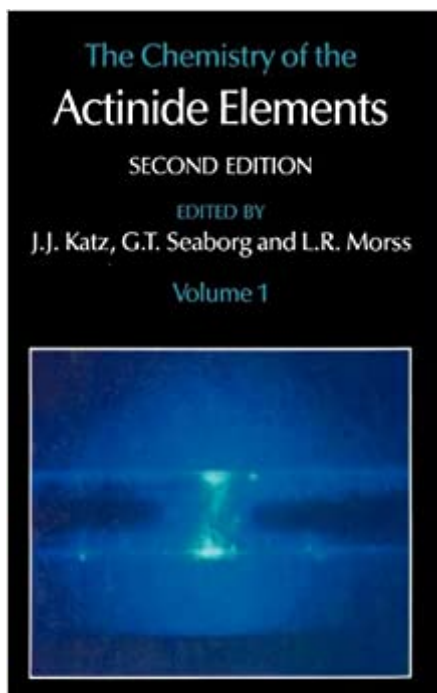


The book was found

# The Chemistry Of The Actinide Elements Volume 1



## Synopsis

The first edition of this work appeared almost thirty years ago, when, as we can see in retrospect, the study of the actinide elements was in its first bloom. Although the broad features of the chemistry of the actinide elements were by then quite well delineated, the treatment of the subject in the first edition was of necessity largely descriptive in nature. A detailed understanding of the chemical consequences of the characteristic presence of 5f electrons in most of the members of the actinide series was still for the future, and many of the systematic features of the actinide elements were only dimly apprehended. In the past thirty years all this has changed. The application of new spectroscopic techniques, which came into general use during this period, and new theoretical insights, which came from a better understanding of chemical bonding, inorganic chemistry, and solid state phenomena, were among the important factors that led to a great expansion and maturation in actinide element research and a large number of new and important findings. The first edition consisted of a serial description of the individual actinide elements, with a single chapter devoted to the six heaviest elements (lawrencium, the heaviest actinide, was yet to be discovered). Less than 15 % of the text was devoted to a consideration of the systematics of the actinide elements.

## Book Information

Hardcover: 886 pages

Publisher: Springer; 2nd ed. 1986 edition (October 1, 1986)

Language: English

ISBN-10: 0412105500

ISBN-13: 978-0412105500

Product Dimensions: 6.1 x 2.1 x 9.2 inches

Shipping Weight: 3.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,293,982 in Books (See Top 100 in Books) #63 in Books > Science & Math

> Chemistry > Chemical Physics #1154 in Books > Science & Math > Chemistry > Inorganic

#1914 in Books > Science & Math > Chemistry > Analytic

[Download to continue reading...](#)

Chemistry of the Actinide Elements Volume 2 The Chemistry of the Actinide Elements Volume 1

Lanthanide and Actinide Chemistry Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace

Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts,

Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review An Introduction to the Periodic Table of Elements : Chemistry Textbook Grade 8 | Children's Chemistry Books What is Organic Chemistry? Chemistry Book 4th Grade | Children's Chemistry Books Surviving Chemistry Review Book: High School Chemistry: 2015 Revision - with NYS Chemistry Regents Exams: The Physical Setting Surviving Chemistry Workbook: High School Chemistry: 2015 Revision - with NYS Chemistry Reference Tables Modern Chemistry Florida: Holt Chemistry and Modern Chemistry FCAT Standardized Test Preparation Surviving Chemistry Guided Study Book: High School Chemistry: 2015 Revision - with NYS Chemistry Regents Exams: The Physical Setting Essential Elements for Band - Book 2 with EEi: Flute (Essential Elements 2000 Comprehensive Band Method) Concert Favorites Vol. 1 - Trombone: Essential Elements 2000 Band Series (Essential Elements 2000 Band Method) Essential Elements for Strings - Book 1 (Original Series): Double Bass (Essential Elements for Strings, Bk 1) Essential Elements for Strings - Book 1 (Original Series): Viola (Essential Elements Comprehensive String Method) Essential Elements Movie Favorites for Strings: Viola (Essential Elements for Strings) Essential Elements: A Comprehensive Band Method, Book 2 - Bb Clarinet (Essential Elements Method) Essential Elements Movie Favorites: Bb Trumpet (Essential Elements Band Method) The Beatles: Essential Elements for Band Correlated Collections Tuba (Essential Elements Band Method) Essential Elements For Jazz Drums Bk/online media (Instrumental Jazz) (Essential Elements for Jazz Ensemble)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)