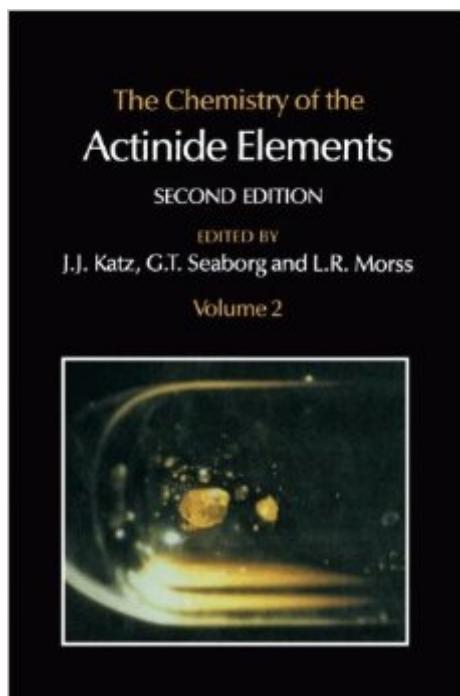


The book was found

Chemistry Of The Actinide Elements Volume 2



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 S_f 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: 912 pages

Publisher: Springer; 2nd edition (March 23, 1986)

Language: English

ISBN-10: 0412273705

ISBN-13: 978-0412273704

Product Dimensions: 7 x 2.3 x 10 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,457,165 in Books (See Top 100 in Books) #87 in Books > Science & Math > Chemistry > Chemical Physics #1386 in Books > Science & Math > Chemistry > Inorganic #12206 in Books > Science & Math > Chemistry > General & Reference

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

Chemistry of the Actinide Elements Volume 2 Surviving Chemistry Workbook: High School

Chemistry: 2015 Revision - with NYS Chemistry Reference Tables Quantum Mechanics! The How's and Why's of Atoms and Molecules - Chemistry for Kids - Children's Chemistry Books Sterling Test

Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions Sterling DAT General Chemistry Practice Questions: High Yield DAT General Chemistry Questions MCAT Chemistry and Organic Chemistry: Content Review for the Revised MCAT Principles of Colloid and Surface Chemistry, Third Edition, Revised and Expanded (Undergraduate Chemistry: A Series of Textbooks) Physical Chemistry Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series) Clinical Chemistry: Techniques, Principles, Correlations (Bishop, Clinical Chemistry) Chemistry: An Introduction to General, Organic, and Biological Chemistry (12th Edition) Glencoe Physical iScience Modules: Chemistry, Grade 8, Student Edition (GLEN SCI: CHEMISTRY) Kendall / Hunt Chemistry: Discovering Chemistry You Need To Know Chemistry: The Atom and Elements (Super Smart Science Series) Molecules & Elements: Science for Kids | Children's Chemistry Books Edition Essential Elements for Band - Book 2 with EEi: Flute (Essential Elements 2000 Comprehensive Band Method) The Beatles: Essential Elements for Band Correlated Collections Tuba (Essential Elements Band Method) Essential Elements Christmas Favorites for Strings: Viola (Essential Elements for Strings) Essential Elements Movie Favorites for Strings: Viola (Essential Elements for Strings) Essential Elements Christmas Favorites - Flute: Solos and Band Arrangements Correlated with Essential Elements Band Method Essential Elements Broadway Favorites: Flute (Essential Elements Band Method)

[Dmca](#)