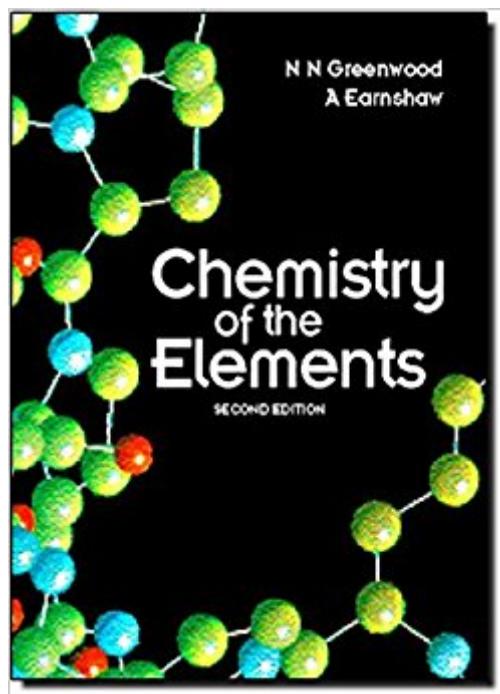


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Chemistry Of The Elements, Second Edition



Synopsis

When this innovative textbook first appeared in 1984 it rapidly became a great success throughout the world and has already been translated into several European and Asian languages. Now the authors have completely revised and updated the text, including more than 2000 new literature references to work published since the first edition. No page has been left unaltered but the novel features which proved so attractive have been retained. The book presents a balanced, coherent and comprehensive account of the chemistry of the elements for both undergraduate and postgraduate students. This crucial central area of chemistry is full of ingenious experiments, intriguing compounds and exciting new discoveries. The authors specifically avoid the term 'inorganic chemistry' since this evokes an outmoded view of chemistry which is no longer appropriate in the final decade of the 20th century. Accordingly, the book covers not only the 'inorganic' chemistry of the elements, but also analytical, theoretical, industrial, organometallic, bio-inorganic and other cognate areas of chemistry. The authors have broken with recent tradition in the teaching of their subject and adopted a new and highly successful approach based on descriptive chemistry. The chemistry of the elements is still discussed within the context of an underlying theoretical framework, giving cohesion and structure to the text, but at all times the chemical facts are emphasized. Students are invited to enter the exciting world of chemical phenomena with a sound knowledge and understanding of the subject, to approach experimentation with an open mind, and to assess observations reliably. This is a book that students will not only value during their formal education, but will keep and refer to throughout their careers as chemists.

Completely revised and updated
Unique approach to the subject
More comprehensive than competing titles

Book Information

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Customer Reviews

'Presents a balanced, coherent and comprehensive account of the chemistry of the elements.' THE CHEMICAL ENGINEER, FEB '98' The innovative and successful textbook presents a balanced coherent and comprehensive account of the elements for both undergraduate and postgraduate students.'Documentation Journal' Completely revised and updated" Gives a balanced, coherent and comprehensive account of the chemistry of the elements for undergraduate and postgraduate students" The authors use descriptive chemistry to discuss the Chemistry of the ElementsBooknews"...should be aquired by all serious chemistry undergraduates and graduate students...and is good value for money." "The second editiion continues the good work of the first and should be acquired by all serious chemistry undergraduates and graduate students (and inorganic chemistry staff)..it is good value for money..all chemists should buy this new edition, and use it."APPLIED ORGANOMETALLIC CHEMIST

Accordingly, the book covers not only the 'inorganic' chemistry of the elements, but also analytical, theoretical, industrial, organometallic, bio-inorganic and other cognate areas of chemistry. The authors have broken with recent tradition in the teaching of their subject and adopted a new and highly successful approach based on descriptive chemistry. The chemistry of the elements is still discussed within the context of an underlying theoretical framework, giving cohesion and structure to the text, but at all times the chemical facts are emphasized. Students are invited to enter the exciting world of chemical phenomena with a sound knowledge and understanding of the subject, to approach experimentation with an open mind, and to assess observations reliably. This is a book that students will not only value during their formal education, but also will keep and refer to throughout their careers as chemists.

eventually will be superseded by wikipedia but not yet. only weakness is that its so big the ergonomics if reading it are compromised

This is a good book for graduate studies. It list the elements by chapter which would be helpful for reference. I recieved the package promptly and in very goo condition too! Would definitely buy from

seller again.

Blurred picture, very difficult to recognize those figures.

Did you know that the ending ON in silicon was chosen (by Thomas Thomson) to stress the analogy of this element with both carbon and boron? I didn't. Along with such kind of historical details, Greenwood and Earnshaw's book contains a great deal of information (data, tables, graphs, etc.) about the elements of the Periodic Table and their corresponding compounds. The material is logically organized in 31 chapters, which are followed by 7 appendices (1341 pages!). This chemistry bible should stay on the desk of every chemist and scientist alike.

Was exactly what I expected. This is a fantastic book for chemistry majors or science geeks. :D

If you're a chemist, you should buy this book. Old copies sell for under a dollar and the amount of information in the text is staggering.

very good

What I have wanted for years : a descriptive chemistry book. Well detailed and fascinating reading. You need some background to understand it though.

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