



Chemistry of the Elements

By N. N. Greenwood, A. Earnshaw

Download now

Read Online →

Chemistry of the Elements By N. N. Greenwood, A. Earnshaw

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

↓ [Download Chemistry of the Elements ...pdf](#)

📄 [Read Online Chemistry of the Elements ...pdf](#)

Chemistry of the Elements

By N. N. Greenwood, A. Earnshaw

Chemistry of the Elements By N. N. Greenwood, A. Earnshaw

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

Chemistry of the Elements By N. N. Greenwood, A. Earnshaw **Bibliography**

- Rank: #909916 in eBooks
- Published on: 2012-12-02
- Released on: 2012-12-02
- Format: Kindle eBook

 [Download Chemistry of the Elements ...pdf](#)

 [Read Online Chemistry of the Elements ...pdf](#)

Editorial Review

Review

This book represents an extremely important contribution to the spread and development of our knowledge of inorganic chemistry and of chemistry in general....constitutes a material support not only for the verification of existing theories but also a point of departure for the formulation of more comprehensive theories....the book offers a content superior to that of usual treatises of inorganic chemistry since it deals also with analytic, bio-inorganic, organo-metallic and even industrial aspects. The treatise is remarkable for the unitary and logical way in which the chapters are organised and in which the material within each chapter is set out....Because of the body of knowledge which it contains, *Chemistry of the Elements* is a reference book for university teachers, researchers and students.

Revista de Chimie (Romania)

...it will influence the knowledge and way of thinking of generations of students for years to come....Professor Greenwood was distinguished in 1983 with one of the major awards of the German Chemical Society. He would have deserved it for this textbook alone...

Angewandte Chemie, 25/2

The book contains a vast store of information on chemical reactions, structures and industrial uses. It is an excellent book, suitable for use at the advanced undergraduate-beginning graduate level as a reference text. The authors are to be commended for a job well done.

Journal of the American Chemical Society, Volume 107, Number 18

They have succeeded admirably in selecting and presenting a staggering amount of material in what is an up-to-date, in depth treatment of descriptive chemistry that will be useful not only as a text but also as a standard reference book... The volume has an attractive format, with many important topics appearing in panels highlighted with a light gray background. The book is replete with countless equations and reaction schemes and more than 1,500 carefully selected references.

Journal of College Science Teaching

From the Publisher

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.

About the Author

Department of Inorganic and Structural Chemistry, University of Leeds, U. K.

Users Review

From reader reviews:

Daniel Grinder:

This Chemistry of the Elements book is not really ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book is definitely information inside this reserve incredible fresh, you will get data which is getting deeper a person read a lot of information you will get. This kind of Chemistry of the Elements without we comprehend teach the one who reading through it become critical in pondering and analyzing. Don't become worry Chemistry of the Elements can bring whenever you are and not make your case space or bookshelves' come to be full because you can have it within your lovely laptop even cellphone. This Chemistry of the Elements having very good arrangement in word and layout, so you will not truly feel uninterested in reading.

Dustin Alvarez:

Many people spending their time frame by playing outside with friends, fun activity having family or just watching TV 24 hours a day. You can have new activity to pay your whole day by looking at a book. Ugh, think reading a book can really hard because you have to accept the book everywhere? It fine you can have the e-book, getting everywhere you want in your Cell phone. Like Chemistry of the Elements which is getting the e-book version. So , why not try out this book? Let's observe.

Micheal Mata:

Publication is one of source of information. We can add our know-how from it. Not only for students but additionally native or citizen want book to know the upgrade information of year for you to year. As we know those publications have many advantages. Beside we all add our knowledge, may also bring us to around the world. By the book Chemistry of the Elements we can consider more advantage. Don't you to definitely be creative people? Being creative person must want to read a book. Simply choose the best book that suited with your aim. Don't become doubt to change your life at this book Chemistry of the Elements. You can more pleasing than now.

Lily Spivey:

Some individuals said that they feel weary when they reading a e-book. They are directly felt this when they get a half areas of the book. You can choose often the book Chemistry of the Elements to make your personal reading is interesting. Your own personal skill of reading skill is developing when you similar to reading. Try to choose easy book to make you enjoy to study it and mingle the idea about book and reading through especially. It is to be very first opinion for you to like to start a book and examine it. Beside that the reserve Chemistry of the Elements can to be your brand-new friend when you're truly feel alone and confuse in what must you're doing of that time.

Download and Read Online Chemistry of the Elements By N. N.

Greenwood, A. Earnshaw #KTAVMC3N1J6

Read Chemistry of the Elements By N. N. Greenwood, A. Earnshaw for online ebook

Chemistry of the Elements By N. N. Greenwood, A. Earnshaw 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 Chemistry of the Elements By N. N. Greenwood, A. Earnshaw books to read online.

Online Chemistry of the Elements By N. N. Greenwood, A. Earnshaw ebook PDF download

Chemistry of the Elements By N. N. Greenwood, A. Earnshaw Doc

Chemistry of the Elements By N. N. Greenwood, A. Earnshaw Mobipocket

Chemistry of the Elements By N. N. Greenwood, A. Earnshaw EPub

KTAVMC3N1J6: Chemistry of the Elements By N. N. Greenwood, A. Earnshaw