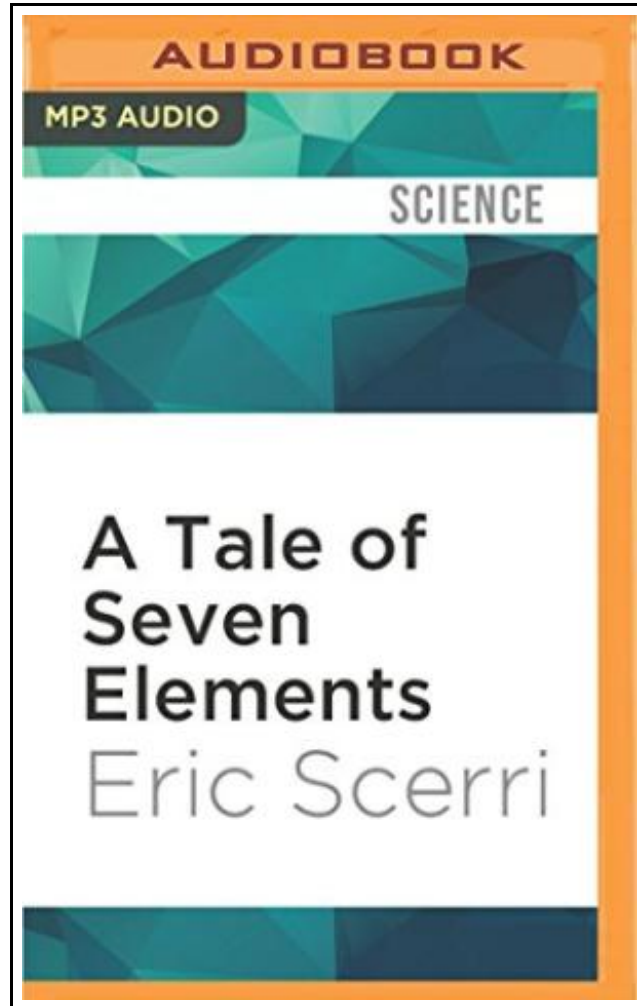


A Tale of Seven Elements



Filesize: 6 MB

Reviews

This publication is definitely not simple to begin on studying but quite fun to see. It really is full of knowledge and wisdom I am just effortlessly can get a satisfaction of studying a created pdf.
(Alfreda Bradtke)

A TALE OF SEVEN ELEMENTS



To save **A Tale of Seven Elements** eBook, make sure you access the web link beneath and download the ebook or gain access to additional information that are relevant to A TALE OF SEVEN ELEMENTS ebook.

Audible Studios on Brilliance, United States, 2016. CD-Audio. Book Condition: New. Unabridged. 171 x 133 mm. Language: English . Brand New. In 1913, English physicist Henry Moseley established an elegant method for counting the elements based on atomic number, ranging them from hydrogen (#1) to uranium (#92). It soon became clear, however, that seven elements were mysteriously missing from the line upseven elements unknown to science. In his well researched and engagingly narrative, Eric Scerri presents the intriguing stories of these seven elementsprotactinium, hafnium, rhenium, technetium, francium, astatine and promethium. The book follows the historical order of discovery, roughly spanning the two world wars, beginning with the isolation of protactinium in 1917 and ending with that of promethium in 1945. For each element, Scerri traces the research that preceded the discovery, the pivotal experiments, the personalities of the chemists involved, the chemical nature of the new element, and its applications in science and technology. We learn for instance that alloys of hafniumwhose name derives from the Latin name for Copenhagen (hafnia)have some of the highest boiling points on record and are used for the nozzles in rocket thrusters such as the Apollo Lunar Modules. Scerri also tells the personal tales of researchers overcoming great obstacles. We see how Lise Meitner and Otto Hahnthe pair who later proposed the theory of atomic fissionwere struggling to isolate element 91 when World War I intervened, Hahn was drafted into the German army s poison gas unit, and Meitner was forced to press on alone against daunting odds. The book concludes by examining how and where the 25 new elements have taken their places in the periodic table in the last half century. A Tale of Seven Elements paints a fascinating picture of chemical researchthe wrong turns, missed opportunities, bitterly disputed claims, serendipitous findings,...



[Read A Tale of Seven Elements Online](#)



[Download PDF A Tale of Seven Elements](#)

Other Kindle Books



[PDF] DK Readers Animal Hospital Level 2 Beginning to Read Alone

Access the hyperlink beneath to download and read "DK Readers Animal Hospital Level 2 Beginning to Read Alone" PDF file.

[Download Book »](#)



[PDF] Pickles To Pittsburgh: Cloudy with a Chance of Meatballs 2

Access the hyperlink beneath to download and read "Pickles To Pittsburgh: Cloudy with a Chance of Meatballs 2" PDF file.

[Download Book »](#)



[PDF] Kingfisher Readers: What Animals Eat (Level 2: Beginning to Read Alone) (Unabridged)

Access the hyperlink beneath to download and read "Kingfisher Readers: What Animals Eat (Level 2: Beginning to Read Alone) (Unabridged)" PDF file.

[Download Book »](#)



[PDF] Kingfisher Readers: Where Animals Live (Level 2: Beginning to Read Alone)

Access the hyperlink beneath to download and read "Kingfisher Readers: Where Animals Live (Level 2: Beginning to Read Alone)" PDF file.

[Download Book »](#)



[PDF] Kingfisher Readers: Your Body (Level 2: Beginning to Read Alone) (Unabridged)

Access the hyperlink beneath to download and read "Kingfisher Readers: Your Body (Level 2: Beginning to Read Alone) (Unabridged)" PDF file.

[Download Book »](#)



[PDF] A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)

Access the hyperlink beneath to download and read "A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)" PDF file.

[Download Book »](#)