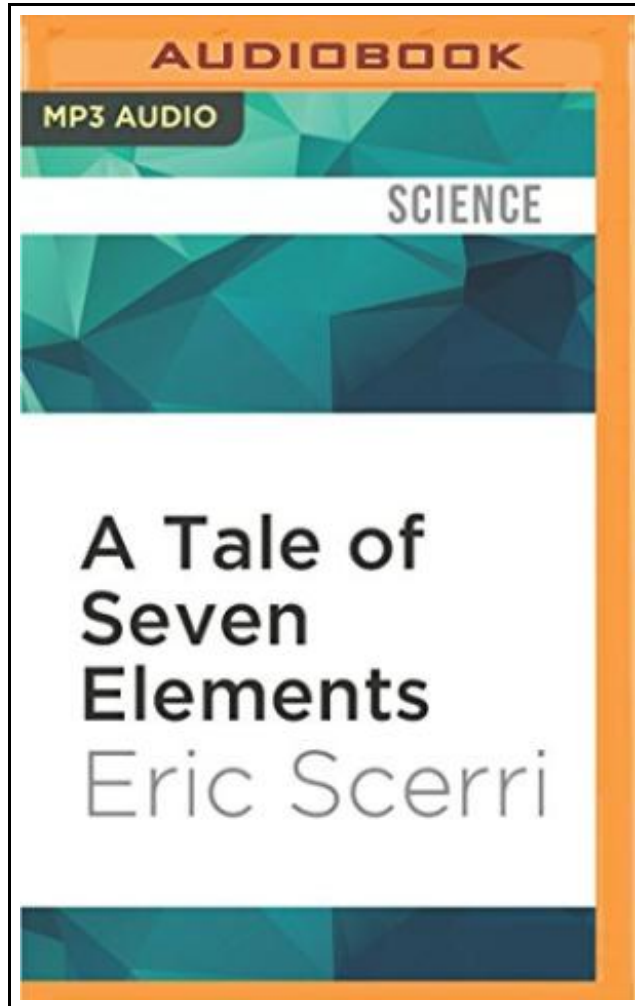


## A Tale of Seven Elements



Filesize: 9.72 MB

### ***Reviews***

*Absolutely essential study publication. Sure, it is enjoy, nonetheless an amazing and interesting literature. I realized this book from my dad and i suggested this pdf to find out.  
(Justus Abbott)*

## A TALE OF SEVEN ELEMENTS



To save **A Tale of Seven Elements** PDF, you should refer to the link listed below and download the ebook or gain access to additional information which are related 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 up seven elements unknown to science. In his well researched and engagingly narrative, Eric Scerri presents the intriguing stories of these seven elements protactinium, 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 hafnium whose 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 Hahn the pair who later proposed the theory of atomic fission were 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 research the wrong turns, missed opportunities, bitterly disputed claims, serendipitous findings,...



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



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

## Relevant Kindle Books

---



### [PDF] Bringing Elizabeth Home: A Journey of Faith and Hope

Click the hyperlink below to download and read "Bringing Elizabeth Home: A Journey of Faith and Hope" file.

[Save eBook »](#)

---



### [PDF] Electronic Dreams: How 1980s Britain Learned to Love the Computer

Click the hyperlink below to download and read "Electronic Dreams: How 1980s Britain Learned to Love the Computer" file.

[Save eBook »](#)

---



### [PDF] Overcome Your Fear of Homeschooling with Insider Information

Click the hyperlink below to download and read "Overcome Your Fear of Homeschooling with Insider Information" file.

[Save eBook »](#)

---



### [PDF] The Right Kind of Pride: A Chronicle of Character, Caregiving and Community

Click the hyperlink below to download and read "The Right Kind of Pride: A Chronicle of Character, Caregiving and Community" file.

[Save eBook »](#)

---



### [PDF] Rumpy Dumb Bunny: An Early Reader Children s Book

Click the hyperlink below to download and read "Rumpy Dumb Bunny: An Early Reader Children s Book" file.

[Save eBook »](#)

---



### [PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Click the hyperlink below to download and read "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" file.

[Save eBook »](#)