



The Secret Life of the Periodic Table: Unlocking the Mysteries of All 118 Elements (Paperback)

By Dr Ben Still

FIREFLY BOOKS, 2016. Paperback. Condition: New. Language: English . Brand New Book. The Secret Life of the Periodic Table uncovers the fascinating stories behind the formulation of the table. It describes how and who discovered the 118 elements, and the competition and cooperation behind scientific advances. The character of the elements is brought to life in a bright and engaging way, making The Secret Life of the Periodic Table ideal for students and general readers. Spared the monotony of a school text, they can gain a basic understanding of the fundamentals of atomic science. The book covers all 118 elements in 14 chapters. They are: A brief guide to atomic physics Igor Mendeleev, arguably the most important formulator of the table, and significant others Hydrogen Alkali metals Alkaline Earth metal Transition metals Post-transition metals Metalloids Other non-metals Halogens Noble gases Lanthanoids Actinoids Transuranium elements. Each element description includes a fact box showing atomic number, atomic weight, radius, melting point, boiling point, density, and the year of its discovery and by whom. There are many sidebars, boxes and extended captions covering topics of interest, like Ernest Lawrence s 1931 cyclotron, early precursor to the 10-km radius Large Hydron Collider that he...



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