



Crystallography: A Very Short Introduction (Paperback)

By A. M. Glazer

Oxford University Press, United Kingdom, 2016. Paperback. Condition: New. Language: English . Brand New Book. Crystals have fascinated us for centuries with their beauty and symmetry, and have often been invested with magical powers. The use of X-ray diffraction, first pioneered in 1912 by father and son William and Lawrence Bragg, enabled us to probe the structure of molecules, and heralded the scientific study of crystals, leading to an understanding of their atomic arrangements at a fundamental level. The new discipline, called X-ray crystallography, has subsequently evolved into a formidable science that underpins many other scientific areas. Starting from the determination of the structures of very simple crystals, such as that of common salt, today it has become almost routine to determine the positions of tens of thousands of atoms in a crystal. In this Very Short Introduction Mike Glazer shows how the discoveries in crystallography have been applied to the creation of new and important materials, to drugs and pharmaceuticals and to our understanding of genetics, cell biology, proteins, and viruses. Tracing the history of crystallography, he analyses astonishing developments in new sources of X-rays, as well as of neutrons, and in electron microscopy, and considers the impact they...



READ ONLINE
[8.33 MB]

Reviews

The publication is easy in read through safer to comprehend. It is actually loaded with wisdom and knowledge Its been printed in an extremely simple way and is particularly simply right after i finished reading through this pdf where actually modified me, affect the way i believe.

-- **Ms. Clementina Cole V**

This is the very best publication i have got read until now. It is definitely simplified but shocks within the fifty percent of the pdf. You may like how the article writer create this pdf.

-- **Rosario Durgan**