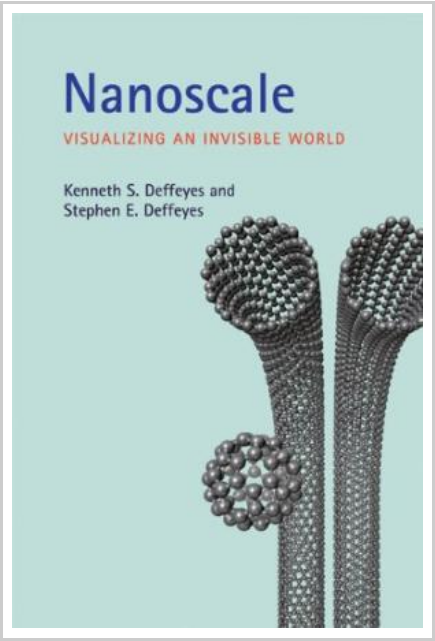

Nanoscale: Visualizing an Invisible World

By Kenneth S. Deffeyes

The MIT Press. Paperback. Book Condition: New. Paperback. 144 pages. Dimensions: 8.6in. x 6.6in. x 0.8in.The world is made up of structures too small to see with the naked eye, too small to see even with an electron microscope. Einstein established the reality of atoms and molecules in the early 1900s. How can we see a world measured in fractions of nanometers (Most atoms are less than one nanometer, less than one-billionth of a meter, in diameter.) This beautiful and fascinating book gives us a tour of the invisible nanoscale world. It offers many vivid color illustrations of atomic structures, each accompanied by a short, engagingly written essay. The structures advance from the simple (air, ice) to the complex (supercapacitator, rare earth magnet). Each subject was chosen not in search of comprehensiveness but because it illustrates how atomic structure creates a property (such as hardness, color, or toxicity), or because it has a great story, or simply because it is beautiful. Thus we learn how diamonds ride volcanoes to the earths surface (if they came up more slowly, theyd be graphite, as in pencils); what form of carbon is named after Buckminster Fuller; who won in the x-ray vs....

Reviews

Very useful for all group of people. It is amongst the most incredible pdf i actually have read through. Its been written in an extremely straightforward way and it is just right after i finished reading through this pdf by which basically modified me, change the way i think.

-- ***Felicia Nikolaus***

These sorts of ebook is the ideal book offered. It can be writter in simple terms rather than confusing. I discovered this pdf from my dad and i advised this publication to understand.

-- ***Mr. Alejandrin Murphy PhD***