



The Quantum Moment: How Planck, Bohr, Einstein, and Heisenberg Taught Us to Love Uncertainty

By Robert P. Crease, Alfred Scharff Goldhaber

WW Norton & Co. Paperback. Book Condition: new. BRAND NEW, The Quantum Moment: How Planck, Bohr, Einstein, and Heisenberg Taught Us to Love Uncertainty, Robert P. Crease, Alfred Scharff Goldhaber, The discovery of the quantum-the idea, born in the early 1900s in a remote corner of physics, that energy comes in finite packets instead of infinitely divisible quantities-planted a rich set of metaphors in the popular imagination. Quantum imagery and language now bombard us like an endless stream of photons. Phrases such as multiverses, quantum leaps, alternate universes, the uncertainty principle, and Schrodinger's cat get reinvented continually in cartoons and movies, coffee mugs and T-shirts, and fiction and philosophy, reinterpreted by each new generation of artists and writers. Is a "quantum leap" big or small? How uncertain is the uncertainty principle? Is this barrage of quantum vocabulary pretentious and wacky, or a fundamental shift in the way we think? All the above, say Robert P. Crease and Alfred Scharff Goldhaber in this pathbreaking book. The authors-one a philosopher, the other a physicist-draw on their training and six years of co-teaching to dramatize the quantum's rocky path from scientific theory to public understanding. Together, they and their students explored missteps and...

DOWNLOAD



READ ONLINE

[1.26 MB]

Reviews

Extremely helpful to any or all category of men and women. It really is rally exciting throug reading time. I am just happy to let you know that this is basically the greatest pdf i have got go through in my personal existence and may be he finest book for at any time.

-- **Carroll Greenfelder IV**

This is actually the greatest pdf i have got go through until now. Indeed, it can be perform, nevertheless an amazing and interesting literature. Its been designed in an extremely simple way and is particularly only following i finished reading this ebook where really modified me, affect the way in my opinion.

-- **Jacey Simonis**