



## The Strange Story of the Quantum (Paperback)

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By Banesh Hoffmann

Dover Publications Inc., United States, 2011. Paperback. Book Condition: New. New edition. 201 x 140 mm. Language: English . Brand New Book. Completely non-mathematical, yet wholly faithful to the basic concepts of quantum mechanics, this book tells the fascinating story of the most thoroughgoing revolution in physics since Newton. In the first year of the twentieth century, a professor of theoretical physics in Berlin, Max Planck, suggested that light was not absorbed smoothly, but rather in small bundles or quanta. Five years later, a Swiss patent clerk, Albert Einstein, proposed that the radiation itself must exist as quanta. Thus was born a new age in physics -- the age of the quantum -- in which some of the most basic assumptions of classical physics were swept away, and a magnificent new theoretical structure created. This new physics was steeped in higher mathematics. Its concepts were often in contradiction with common sense. It rapidly became increasingly abstract and complex, to such an extent that even those well versed in classical physics were often unable to follow its labyrinthine turns and twists. How then could the layman understand it? This book answers that question. By means of analogies, examples, and imaginative insights,...



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