



Niels Bohr's Times, In Physics, Philosophy, and Polity

Abraham Pais

Download now

[Click here](#) if your download doesn't start automatically

Niels Bohr's Times, In Physics, Philosophy, and Polity

Abraham Pais

Niels Bohr's Times, In Physics, Philosophy, and Polity Abraham Pais

Abraham Pais's life of Albert Einstein was one of the finest scientific biographies ever written. When it first appeared in 1982, *Christian Science Monitor* called it "an extraordinary biography of an extraordinary man," and Timothy Ferris, in *The New York Times Book Review*, said it was "the biography of Einstein he himself would have liked best," adding that "it is a work against which future scientific biographies will be measured." As a respected physicist himself, Pais was the first biographer to give Einstein's thinking its full due, yet despite the occasional high level of science needed to discuss Einstein's ideas, the book was a national bestseller. Indeed, it was one of *The New York Times's* Best Books of the Year, and the winner of the 1983 American Book Award for Science.

Now Pais turns to Niels Bohr, to illuminate the life and thought of another giant of 20th-century physics. Bohr was the first to understand how atoms were put together, he played a major role in shaping the theory of the atomic nucleus, he decoded the atomic spectrum of hydrogen, an achievement which marks him as the founder of the quantum dynamics of atoms, and his concept of complementarity (which provides the philosophical underpinning for quantum theory) qualifies him as one of the twentieth century's greatest philosophers. Pais covers all of these achievements with sophistication and clarity, but he also reveals the many other facets of the man. Perhaps most important, he shows that Bohr was not only a great scientist, but also a great nurturer of young scientific talent, acting as father figure extraordinaire for several generations of physicists. Bohr's Institute of Theoretical Physics, which he founded in Copenhagen and for which he tirelessly raised funds, was the world's leading center for physics all through the 1920s and 1930s, the birthplace of Heisenberg's papers on the uncertainty relations, Dirac's first paper on quantum electrodynamics, and other pivotal works. And Pais reveals as well the personal side of Bohr, the avid reader and crossword puzzle solver (Bohr loved Icelandic sagas, Goethe and Schiller, Dickens and Mark Twain--while studying in England early in his career, he improved his English by reading *The Pickwick Papers* with a dictionary to one side); his aid to Jews and other refugees in the 1930s and during the war; the tragic loss of his son Christian (who died in a sailing accident right before Bohr's eyes); and his attempts during and after the war to promote openness between East and West, meeting with both Roosevelt and Churchill (the former was quite courteous, the latter lectured Bohr like a schoolboy).

Bohr's research, his teaching, his friendships with the major scientists of our time, his aid to refugees, his role as philosopher, administrator, and fund raiser, his devotion to science and to his family--all these qualities are illuminated by Pais in a marvelous biography that captures the essence of one of the best-loved figures of this century.

 [Download Niels Bohr's Times, In Physics, Philosophy, and Po ...pdf](#)

 [Read Online Niels Bohr's Times, In Physics, Philosophy, and ...pdf](#)

Download and Read Free Online Niels Bohr's Times, In Physics, Philosophy, and Polity Abraham Pais

From reader reviews:

Kathy Wilson:

As people who live in typically the modest era should be change about what going on or info even knowledge to make these keep up with the era that is certainly always change and progress. Some of you maybe may update themselves by reading through books. It is a good choice for you personally but the problems coming to you actually is you don't know what one you should start with. This Niels Bohr's Times, In Physics, Philosophy, and Polity is our recommendation to help you keep up with the world. Why, because this book serves what you want and want in this era.

Tameika Ahmed:

Reading a publication tends to be new life style within this era globalization. With reading through you can get a lot of information which will give you benefit in your life. Having book everyone in this world may share their idea. Ebooks can also inspire a lot of people. A great deal of author can inspire all their reader with their story or maybe their experience. Not only situation that share in the textbooks. But also they write about advantage about something that you need case in point. How to get the good score toefl, or how to teach children, there are many kinds of book which exist now. The authors on earth always try to improve their ability in writing, they also doing some investigation before they write on their book. One of them is this Niels Bohr's Times, In Physics, Philosophy, and Polity.

Helen McCormick:

Many people spending their period by playing outside along with friends, fun activity having family or just watching TV the whole day. You can have new activity to invest your whole day by reading a book. Ugh, do you think reading a book can really hard because you have to take the book everywhere? It okay you can have the e-book, taking everywhere you want in your Mobile phone. Like Niels Bohr's Times, In Physics, Philosophy, and Polity which is having the e-book version. So , why not try out this book? Let's observe.

Jennifer Pittman:

With this era which is the greater man or woman or who has ability in doing something more are more important than other. Do you want to become one among it? It is just simple way to have that. What you have to do is just spending your time very little but quite enough to have a look at some books. One of the books in the top listing in your reading list is usually Niels Bohr's Times, In Physics, Philosophy, and Polity. This book and that is qualified as The Hungry Mountains can get you closer in becoming precious person. By looking upward and review this e-book you can get many advantages.

**Download and Read Online Niels Bohr's Times, In Physics,
Philosophy, and Polity Abraham Pais #G3U90F7VX4Z**

Read Niels Bohr's Times, In Physics, Philosophy, and Polity by Abraham Pais for online ebook

Niels Bohr's Times, In Physics, Philosophy, and Polity by Abraham Pais Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Niels Bohr's Times, In Physics, Philosophy, and Polity by Abraham Pais books to read online.

Online Niels Bohr's Times, In Physics, Philosophy, and Polity by Abraham Pais ebook PDF download

Niels Bohr's Times, In Physics, Philosophy, and Polity by Abraham Pais Doc

Niels Bohr's Times, In Physics, Philosophy, and Polity by Abraham Pais Mobipocket

Niels Bohr's Times, In Physics, Philosophy, and Polity by Abraham Pais EPub