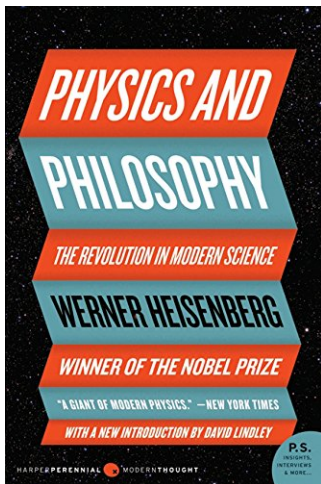


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About the Author

A winner of the Nobel Prize, Werner Heisenberg (1901–1976) was born in Würzburg, Germany, and received his doctorate in theoretical physics from the University of Munich. He became famous for his groundbreaking Uncertainty (or Indeterminacy)

Principle. After World War II he was named director of the Max Planck Institute for Physics and Astrophysics.

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Start by marking "Physics and Philosophy: The Revolution in Modern Science" as Want to Read: Want to Read saving... Want to Read. Nobel Prize winner Werner Heisenberg's classic account explains the central ideas of the quantum revolution, and his celebrated Uncertainty Principle. The theme of Heisenberg's exposition is that words and concepts familiar in daily life can lose their meaning in the world of relativity and quantum physics. This in turn has profound philosophical implications for the nature of reality. Nobel Prize winner Werner Heisenberg's classic account explains the central ideas of the quantum revolution, and his celebrated Uncertainty Principle. Physics and philosophy : the revolution in modern science. Item Preview. remove-circle. Physics and philosophy : the revolution in modern science. by. Heisenberg, Werner, 1901 Physics and Philosophy: The Revolution in Modern Science (1952) makes good reading, but it is likely to be more appreciated by readers already familiar with the philosophical underpinnings of quantum theory. The scholarly introduction by F. S. C. Northrop of Yale University cautions the reader that a meticulous reading is necessary to follow Werner Heisenberg's discussion of causality, determinism, and complementarity. For the reader new to Heisenberg I suggest first reading a collection of essays published by Seabury Press in 1983 under the title Tradition in Science. All three of these works, Physics and Philosophy, Philosophical Problems of Quantum Physics, and Encounters with Einstein, should appeal to a wide audience. The seminal work by one of the most important thinkers of the twentieth century, Physics and Philosophy is Werner Heisenberg's concise and accessible narrative of the revolution in modern physics, in which he played a towering role. The outgrowth of a celebrated lecture series, this book remains as relevant, provocative, and fascinating as when it was first published in 1958. A brilliant scientist whose ideas altered our perception of the universe, Heisenberg is considered the father of quantum physics; he is most famous for the Uncertainty Principle, which states that quantum particles do not