



Revolution in Science

By I. Bernard Cohen

HARVARD UNIVERSITY PRESS, United States, 1987. Paperback. Book Condition: New. New edition. 231 x 155 mm. Language: English . Brand New Book. Only a scholar as rich in learning as I. Bernard Cohen could do justice to a theme so subtle and yet so grand. Spanning five centuries and virtually all of scientific endeavor, *Revolution in Science* traces the nuances that differentiate both scientific revolutions and human perceptions of them, weaving threads of detail from physics, mathematics, behaviorism, Freud, atomic physics, and even plate tectonics and molecular biology, into the larger fabric of intellectual history. How did revolution, a term from the physical sciences, meaning a turning again and implying permanence and recurrence--the cyclical succession of the seasons, the revolutions of the planets in their orbits--become transformed into an expression for radical change in political and socioeconomic affairs, then become appropriated once again to the sciences? How have political revolutions--French, American, Bolshevik--and such intellectual forces as Darwinism further modified the concept, from revolution in science as a dramatic break with the past to the idea that science progresses by the slow accumulation of knowledge? And what does each transformation in each historical period tell us about the deep conceptual changes in our...



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