



The Quest for Unity: The Adventure of Physics

By Etienne Klein

Oxford University Press. Hardcover. Book Condition: New. Hardcover. 176 pages. Dimensions: 9.6in. x 6.4in. x 0.7in.What could quantum mechanics have in common with the philosophical musings of the ancient Greeks In our age of multimillion-dollar supercolliders, its hard to imagine that modern physics owes anything to thinkers who predate Descartes. But French physicists Etienne Klein and March Lachieze-Rey see an unbroken thread running from antiquity to the present--an ongoing search, throughout the history of science, for unity. In The Search for Unity the authors reveal how the quest for the One has driven all the great breakthroughs in science. They show how the Greeks searched for the fundamental element in all things; how Galileo unified the earth with the heavens, by discovering valleys and mountains on the moon; and how Newton created a single theory to describe the motion of the celestial bodies. With unequaled clarity, they explore the work of the most famous unifier of all, Albert Einstein, who melded space and time into a combined space-time concept, and then embarked on an unsuccessful search for a single theory to explain all the physical laws of the universe. Throughout the book, the authors stress the esthetic motives of scientists,...



Reviews

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