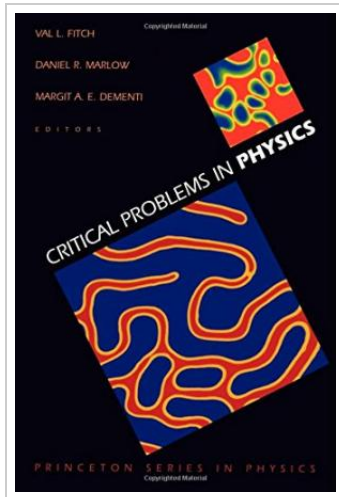




Critical Problems in Physics (Paperback)

By -

Princeton University Press, United States, 1997. Paperback. Condition: New. New.. Language: English . Brand New Book. The past century has seen fantastic advances in physics, from the discovery of the electron, x-rays, and radioactivity, to the era of incredible solid state devices, computers, quarks and leptons, and the standard model. But what of the next? Many scientists think we are on the threshold of an even more exciting new era in which breakthroughs in a startling variety of directions will produce significant changes in our understanding of the natural world. In this book, a group of eminent scientists define and elaborate on these new directions. Ed Witten and Frank Wilczek discuss string theory and the future of particle physics; Donald Perkins describes the search for neutrino oscillations; Alvin Tollestrup reveals dreams of a muon collider at Fermilab to probe the heart of elementary particles; and Robert Palmer anticipates a new generation of particle accelerators. Thibault Damour reviews classical gravitation and the relevant new high-precision experiments; Kip Thorne describes the exciting future for gravitational wave astronomy; and Paul Steinhardt examines the recent breakthroughs in observational cosmology and explains what future experiments might reveal. James Langer explores nonequilibrium statistics and relates it..



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Reviews

Simply no phrases to clarify. It is really basic but surprises from the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Mr. Noah Cummerata IV**

Without doubt, this is actually the best job by any publisher. It is written in basic phrases instead of difficult to understand. You will like the way the author publishes this publication.

-- **Dr. Marvin Deckow**