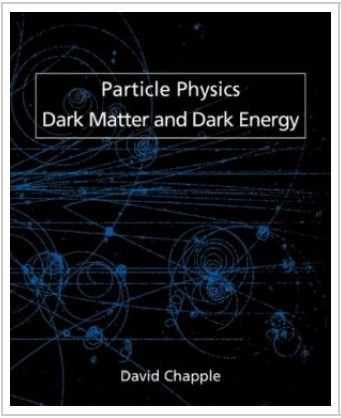

Particle Physics, Dark Matter and Dark Energy

By David Chapple

abramis. Paperback. Condition: New. 246 pages. Dimensions: 9.2in. x 7.5in. x 0.5in.Particles are the building blocks of the universe, shaping our very existence, as long as we view them as particles and not nebulous quantum objects! For centuries, scientists have sought to discover and understand more about these particles, trying to unlock the secrets of how our universe was created and what will happen to it in the future, and thankfully we have now discovered a lot of answers in recent years. As an introduction to particle physics, which is aimed at physics undergraduates, this book discusses the range of quarks, leptons and bosons that we know or believe exist and the search for as yet undiscovered particles, including CERNs work on the Large Hadron Collider. The book also examines ways of testing whether or not an interaction would be possible or forbidden and also ways in which to identify unknown particles seen in a collision event. We also consider dark matter, what indicates that it exists and some possible candidates for it, and dark energy, the mysterious force that is actually causing the expansion of the universe to accelerate. David Chapple is a physicist who lectures in the OUDCE...

Reviews

Very useful to any or all group of folks. It really is rally interesting throgh reading through period of time. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Mrs. Dorris Wintheiser***

The most effective pdf i ever go through. It is probably the most incredible book i have got study. You wont sense monotony at at any time of the time (that's what catalogues are for relating to if you check with me).

-- ***Ahmad Heaney***