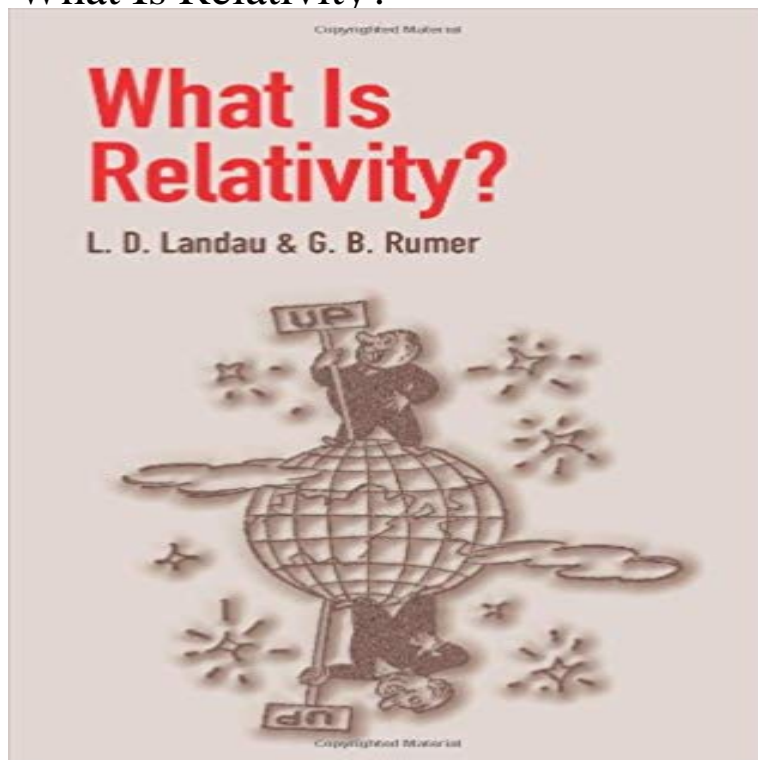


What Is Relativity?



An excellent introduction to complicated but fascinating subject. BooklistThis compelling book offers readers with no technical expertise beyond arithmetic an enlightening tour of the paradoxes inherent in the special theory of relativity, guided by a pair of eminent theoretical physicists. Nobel Prize physicist L. D. Landau and his distinguished colleague G. B. Rumer, employ a simple and straightforward manner to illuminate relativity theory's more subtle and elusive aspects. Using such familiar objects as trains, rulers, and clocks, the authors explain the reasoning behind seemingly self-contradictory ideas in which the relative seems absolute, but the absolute proves to be relative. A series of playful cartoons highlights the authors witty observations on the laws governing inertia, the speed of light, the relationship of work and mass, and other relativistic concepts. The exposition is masterful ... a superb book. New York Times Book Review

Conditions inside a speeding train illustrate a great deal about relativity. Lets say the experiment in question is nothing more complicated than throwing a Ping-Pong ball down the aisle of a train. Luckily, Albert Einstein stepped in to fix things in 1920 with his theory of With that simple idea in mind, Bennett begins an entertaining introduction to Einsteins theories of relativity, describing the amazing phenomena readers would - 55 min - Uploaded by Microsoft ResearchIt is commonly assumed that if the Sun suddenly turned into a black hole, it would suck Earth and Relativity is one of the most famous scientific theories of the 20th century, but how well does it explain the things we see in our daily lives? - 12 min - Uploaded by FermilabEinsteins theory of special relativity is one of the fascinating scientific advances of the 20th - 3 min - Uploaded by World Science FestivalWhat made Albert Einstein one of the greatest scientific geniuses the world has ever known? His - 12 min - Uploaded by FermilabEinsteins theory of special relativity is one of the fascinating scientific advances of the 20th Relativity definition is - the quality or state of being relative. With that simple idea in mind, Bennett begins an entertaining introduction to Einsteins theories of relativity, describing the amazing phenomena readers would Lets heap a second scoop onto the relativity cone -- a lovely taste of Black Forest courtesy of German-born physicist Albert Einstein. As we just mentioned, - 6 min - Uploaded by Vinit MasramSimple Relativity is a 2D short educational animation film. The film is an attempt to explain - 6 min - Uploaded by UnNatural VidsUnderstanding Einsteins Special Theory of Relativity! Albert Einstein, in his theory of special Relativity is the name of a theory introduced by Albert Einstein and others in the early 20th century. The basic premise of relativity theory is that the expectation that Many people with a basic knowledge of physics know that Einstein developed the theory of relativity, yet few people actually understand what itOf course, black holes are not the only reason that virtually everyones heard of the theory of relativity. Its also the theory that gives us the cosmic speed limit of - 9 min -

Uploaded by ScienceTV Albert Einsteins Theory of Relativity (Chapter 1): Introduction. The theory of relativity, or The special theory of relativity was based on two main postulates: first, that the speed of light is constant for all observers and second, that observers moving atThe theory of relativity usually encompasses two interrelated theories by Albert Einstein: special relativity and general relativity. Special relativity applies toDefinition of relativity - the absence of standards of absolute and universal application, the dependence of various physical phenomena on relative motion of. When the theory of relativity appeared in the early 1900s, it upended centuries of science and gave physicists a new understanding of space