



Symmetry and the Beautiful Universe

By Leon M. Lederman, Christopher T. Hill

Prometheus Books. Paperback. Book Condition: new. BRAND NEW, Symmetry and the Beautiful Universe, Leon M. Lederman, Christopher T. Hill, When scientists peer through a telescope at the distant stars in outer space or use a particle-accelerator to analyse the smallest components of matter, they discover that the same laws of physics govern the whole universe at all times and all places. Physicists call the eternal, ubiquitous constancy of the laws of physics symmetry. Symmetry is the basic underlying principle that defines the laws of nature and hence controls the universe. This all-important insight is one of the great conceptual breakthroughs in modern physics and is the basis of contemporary efforts to discover a grand unified theory to explain all the laws of physics. Nobel Laureate Leon M Lederman and physicist Christopher T Hill explain the supremely elegant concept of symmetry and all its profound ramifications to life on Earth and the universe at large in this eloquent, accessible popular science book. They not only clearly describe concepts normally reserved only for physicists and mathematicians, but they also instil an appreciation for the profound beauty of the universe's inherent design. Central to the story of symmetry is an obscure, unpretentious, but extremely gifted...



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