DESCRIPTION

This ready reference fills the gap for a one-stop, up-to-date comprehensive work on the rapid development of cosmology and relativity. Written by an author with unique research experience at prestigious institutions, this text provides the full mathematical background, covering general and special relativity, nuclear synthesis in both the early and present universe, theory and observations, backed by links to experiments.

ABOUT THE AUTHOR

Radoje Belusevic received his Ph.D. in experimental particle physics at the University of Birmingham (UK) in 1981. He has conducted research at University College London (UK), at the Universities of Heidelberg (Germany), Florida (USA) and Stanford (USA), and at major high-energy physics laboratories, including CERN (Switzerland), DESY (Germany) and Fermilab (USA). Since 1991, Dr. Belusevic has been working at the Institute of Particle and Nuclear Studies of the Japanese High Energy Accelerator Research Organization (KEK). His main research interests are the physics of neutrino interactions, electron-positron annihilations and photon-photon collisions, as well as experimental hardware.