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Sommario/riassunto

This book contains the Proceedings of the Fifth Meeting on CPT and Lorentz Symmetry, held at Indiana University in Bloomington from June 28 to July 2, 2010. The Meeting focused on tests of these fundamental symmetries and on related theoretical issues, including scenarios for possible violations. Topics covered at the meeting include searches for CPT and Lorentz violations involving: birefringence and dispersion from cosmological sources, clock-comparison measurements, CMB polarization, electromagnetic resonant cavities, equivalence principle, gauge and Higgs particles, high-energy astrophysics.
