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Nota di contenuto

Sponsors and Committees; Foreword; CONTENTS; On the Fundamental Symmetries in Particle Physics; 1 What is known on CPT invariance; 2 What about CP violation itself?; 3 Conclusions and outlook; References; Chiral Symmetry in Lattice QCD; 1 Introduction; 2 The effective action for the QCD quark determinant; 3 Discussion; References; NA48 Rare Decay Results; 1 Introduction; 2 NA48 as a rare decay experiment; 3 KL Dalitz and double Dalitz decays; 4 Status of $KL \rightarrow + - e+e-$; 5 Hyperon studies; 6 Summary and future; References; Two Photon Physics at LEP; 1 Introduction
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Sommario/riassunto

This proceedings volume deals with a wide variety of topics in particle physics, in both theory and experiment. Contents: On the Fundamental Symmetries in Particle Physics (E Shabalin); Chiral Symmetry in Lattice QCD (A Slavnov); Two-Photon Physics at LEP (G Passaleva); Color Reconnection and Bose-Einstein Correlations at LEP2 (Th Ziegler); A NLO QCD Analysis of the Spin Structure Function g_1 and Higher Twist Correlations (E Leader et al.); Heavy Quark Asymmetries (A Tricomi); Experimental Signature of a Fermiophobic Higgs Boson (L Bruecher & R Santos); The AMS Experiment: First Results and P