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Nota di contenuto	From the contents: Fascinating Field Theory -- Lattice Gauge Theory -- Topological Effects on the Physics of the Standard Model -- Semiclassical Aspects of Quantum Field Theories -- Anomalies in Gauge Theories -- QCD Sum Rules -- The Skyrme Model -- Introduction to Supersymmetry -- High Energy Collisions and Nonperturbative QCD -- Perturbative QCD (and beyond) -- Quark Matter and High Energy Nuclear Collisions -- Spin, Twist and Hadron Structure in Deep Inelastic Processes -- Low-x Physics at HERA -- Quark-Gluon Structure of the Nucleon.
Sommario/riassunto	The two-volume set Lectures on QCD provides an introductory overview of Quantum Chromodynamics, the theory of strong interactions. In a series of pedagogically written articles based on lectures given over the years to graduate students, the fundamentals of QCD are discussed and significant application areas are described. The field-theoretic basis of QCD is the focus of the first volume, while the application of QCD to the phenomenology of strong interactions forms the subject of the second volume.