1. Record Nr. UNISA990001933160203316

Titolo	Srpska knjizevnost u knjizevnoj kritici
Pubbl/distr/stampa	Beograd : Nolit, 1972-1973
Descrizione fisica	12 v. ; 20 cm
Disciplina	891.82
Collocazione	II r B 72
Lingua di pubblicazione	Serbian
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910450525803321

Autore	Donnachie Sandy <1936->
Titolo	Pomeron physics and QCD / / Sandy Donnachie [and others] [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2002
ISBN	1-107-12897-8 1-280-41788-9 9786610417889 1-139-14639-4 0-511-16995-7 0-511-06681-3 0-511-06050-5 0-511-29708-4 0-511-53493-0 0-511-06894-8
Descrizione fisica	1 online resource (xi, 347 pages) : digital, PDF file(s)
Collana	Cambridge monographs on particle physics, nuclear physics, and cosmology ; ; 19
Disciplina	539.7/21
Soggetti	Regge theory Pomerons Quantum chromodynamics
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 327-342) and index.
Nota di contenuto	Properties of the S-matrix -- Regge poles -- Introduction to soft hadronic processes -- Duality -- Photon-induced processes -- QCD: perturbative and nonperturbative -- Hard processes -- Soft diffraction and vacuum structure -- Dipole approach -- Questions for the future -- ; Appendix A: Sommerfeld-Watson transform -- ; Appendix B: The Group SU(3) -- ; Appendix C: Feynman rules of QCD -- ; Appendix D: Pion-nucleon amplitudes -- ; Appendix E: The density matrix of vector mesons.
Sommario/riassunto	This book describes the underlying ideas and modern developments of Regge theory, confronting the theory with quantum chromodynamics and a huge variety of experimental data. It covers forty years of research and provides a unique insight into the theory and its phenomenological development. The authors review experiments that suggest the existence of a soft pomeron, and give a detailed discussion of attempts at describing this through nonperturbative quantum chromodynamics. They suggest that a second, hard pomeron is responsible for the dramatic rise in energy observed in deep inelastic lepton scattering. The two-pomeron hypothesis is applied to a variety of interactions and is compared and contrasted with perturbative quantum chromodynamics, as well as with the dipole approach. This book will provide a valuable reference for experimental particle physicists all over the world. It is also suitable for graduate courses in particle physics, high-energy scattering, QCD and the standard model.