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Soggetti	Nuclear physics Heavy ions Nuclear fusion Elementary particles (Physics) Quantum field theory Nuclear Physics, Heavy Ions, Hadrons Nuclear Fusion Elementary Particles, Quantum Field Theory
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Nota di contenuto	Weak decays of light and heavy hadrons -- Recent experimental results on heavy quark decays -- Heavy Quark Symmetry and weak decays of heavy baryons -- Covariant Bethe-Salpeter wave functions for heavy hadrons -- Overview on exotic meson states -- Scalar mesons, diquarks and gribov confinement -- Hadron spectroscopy with instanton induced forces -- Stable multiquarks: Lessons from atomic physics -- Dynamical supersymmetry for mesons and baryons -- $K\bar{K}$ molecules -- Production of $Q\bar{Q}g$ hybrid mesons in $N\bar{N}$ annihilation -- Higher twist effects in deep inelastic scattering -- The internal structure of constituent quarks -- Measurement of hot spots in the proton at HERA -- Deep inelastic scattering and diquarks -- The role of spectator diquarks in deep inelastic structure functions -- Experimental indications for diquarks in

large PT physics -- The rôle of diquarks in exclusive scattering -- Segregation of quarks within the nucleon -- Asymptotic dominance of diquarks in some exclusive hard reactions -- The $\eta_{c, c_1, c_2} \rightarrow p \bar{p}$ decays and a quark-diquark model of the proton -- Meson-diquark bosonization in the Nambu-Jona-Lasinio Model and in QCD -- Hadronization of QCD -- Strange quarks in semibosonized SU(3) Nambu-Jona-Lasinio Model -- The Nambu-Jona-Lasinio model with scalar, pseudoscalar, vector and axialvector mesons: Solitonic solutions and nucleon properties -- An Effective Lagrangian Analysis of the U(1) Goldberger-Treiman Relation -- Soft high energy scattering and quark clustering -- The quark model, the baryon-baryon interaction and hypernuclei -- Diquark structure of proton and the problem of colour transparency in wide-angle quasielastic PP scattering on nuclei -- The neutron electric dipole moment in chiral quark-meson models and meson models -- The time-like E.M. form factors of the neutron: First measurement at adone -- Diquarks in the instanton picture instanton picture.
