1. Record Nr. UNINA9910826270103321

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Titolo	The Gribov theory of quark confinement [[electronic resource] /] / editor J Nyiri
Pubbl/distr/stampa	Singapore, : World Scientific, c2001
ISBN	1-281-95658-9 9786611956585 981-281-102-8
Descrizione fisica	1 online resource (306 p.)
Altri autori (Persone)	NyiriJ
Disciplina	539.72167
Soggetti	Quark confinement Quarks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	CONTENTS ; Foreword ; Quantization of non-Abelian Gauge Theories ; 1. Introduction ; 2. Non-uniqueness of gauge conditions ; 3. A limitation on the integration range in the functional space ; 4. Proof of the field equivalence over the regions Co and C1 close to their boundary 5. Gauge non-uniqueness and limitation on the integration range over the fields in physical space-time 6. The effect of the field magnitude restriction on the zero-point oscillations and interaction in the low - momenta region ; 7. Coulomb gauge ; Appendix ; References Instability of non-Abelian gauge theories and impossibility of choice of Coulomb gauge 1. Introduction ; 2. Coulomb gauge ; 3. Impossibility of unique introduction of transverse fields ; 4. Increase of the invariant charge in non-Abelian theories 5. Particular solutions of the chiral equation 6. Transverse gauge fields ; Local Confinement Of Charge In Massless QED ; 1. Introduction ; 2. Solution of the Dirac equation for massless particles in a field singular on the light cone

; 3. Vacuum current of massless fermions
4. Vacuum current in the pure bremsstrahlung field
5. Vacuum current in perturbation theory
; 6. Structure of the self-consistent field
; 7. Vacuum current in the self-consistent field
; 8. Currents and fields inside the cone ; 9. Analogy with the one-dimensional case ;
References
Outlook

Sommario/riassunto

V N Gribov, one of the founders of modern particle physics, shaped our understanding of QCD as the microscopic dynamics of hadrons. This volume collects his papers on quark confinement, showing the road he followed to arrive at the theory and formulating the theory itself. It begins with papers providing a beautiful physical explanation of asymptotic freedom based on the phenomenon of antiscreening and demonstrating the inconsistency of the standard perturbative treatment of the gluon fields (Gribov copies, Gribov horizon). It continues with papers presenting the Gribov theory according to wh