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Titolo	Forward physics and luminosity determination at LHC [[electronic resource]] : Helsinki, Finland, 31 October-4 November 2000 // editors, Katri Huitu ... [et al.]
Pubbl/distr/stampa	River Edge, NJ, : World Scientific, c2001
ISBN	1-281-95650-3 9786611956509 981-281-091-9
Descrizione fisica	1 online resource (236 p.)
Altri autori (Persone)	HuituKatri
Disciplina	539.72123
Soggetti	Pomerons Quantum chromodynamics Perturbation (Quantum dynamics) Large Hadron Collider (France and Switzerland) Electronic books.
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; Preface; Diffraction of Hadrons at High Energies; 1 Introduction; 2 Glueballs and the Pomeron in QCD; 3 Diffractive production processes; 4 High-energy hadronic interactions; 5 Small-x physics; 6 Acknowledgments; References; Pomeron Physics: An Update 1. Introduction 2. Total cross sections; 3. Elastic scattering; 4. Controversy: how large is the screening?; 5. Dips; 6. Diffraction dissociation; 7. Controversy: how many pomerons?; 8. Key question: is the hard pomeron present at $Q^2 = 0$?; 9. Hard diffraction; 10. Diffractive Higgs production 11. Perturbative evolution 12. The main issues; References; A Re-Examination of Gribov's Theorem and the Problem of the Saturation of the Froissart Bound; 1 Introduction; 2 A Candidate for Violating Gribov's Theorem; 3 Conclusions; References Diffraction Scattering at High Energies (Outlook from 1980's) 1 Introduction; 2 Direct measurement of the total cross sections; 3 Small Angle Scattering. Experimental Methods; 4 Tests of Forward Dispersion

Relations

5 Extrapolation of Total Cross Sections beyond the Accelerator Energies
6 Universal Shrinkage of Diffraction Cones; 7 Conclusion; References
Pomeron before and after QCD; Abstract; 1 Regge kinematics
; 2 Reggeons and Pomeron; 3 Parton model; 4 Gluon and quark
reggeization
5 The reggeon dynamics in multi-colour QCD

Sommario/riassunto

Recently there has been much interest in studying events with tagged forward protons at the existing and forthcoming hadronic colliders, the Tevatron and the LHC. These studies not only allow one to monitor the luminosity of the colliding protons with high accuracy but also provide new ways of investigating the subtle issues of QCD dynamics and searches for the manifestations of new physics. This book reviews the state of the art of forward physics measurements and the theoretical development. It will catalyze many new approaches within the framework of the extensive physics programme of the...

2. Record Nr.

UNISA996396037703316

Titolo

The confession of faith of the Kirk of Scotland [[electronic resource]] : subscribed by the Kings Maiestie and his housholde, in the yeare of God 1580. With a designation of such acts of Parliament, as are expedient, for justefying the vnion, after mentioned. And subscribed by the nobles, barrons, gentlemen, burgesses, ministers and commons, in the yeare of God 1638

Pubbl/distr/stampa

[Edinburgh, : G. Anderson, 1638]

Descrizione fisica

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The Confession of 1581.
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In this edition B1r line 9 begins: they were publicly ..
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Reproduction of originals in the Folger Shakespeare Library and Union
Theological Seminary Library (New York, N.Y.).

Sommario/riassunto

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