

Reviews, Tables, Plots: Introduction

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112 Reviews

- **46 General** (QCD, GUT, Big-Bang Cosmology, ...)
- **66 Topical:** Focused on specific area of interest (Higgs boson searches, Z-boson, Quark masses, Charm Dalitz analysis, ...)

76 Revised/New for 2012 edition

7 New Reviews

- Heavy-Quark and Soft-Colinear Effective Theory (C.W. Bauer, M. Neubert)
- Neutrino Cross Section Measurements (G.P. Zeller)
- Neutrino Beam Lines at High-Energy Proton Synchrotrons (C.-J. Lin)
- Monte Carlo Event Generators (P. Nason, P.Z. Skands)
- Lattice QCD (S. Hashimoto, J. Laiho, S.R. Scharpe)
- Scalar Mesons Below 2 GeV (C. Amsler, S. Eidelman, ...)
- Heavy Quarkonium Spectroscopy (S. Eidelman, ...)

- In addition to **new reviews**
- Major **update** of the reviews:
 - **Higgs boson** with July 2012 results
 - **Dark Matter**
 - **Astrophysics sections** and **Constants** with the 7-year WMAP analysis
 - **Particle Detectors for Non-Accel.**
(Coherent Radio Cherenkov Detectors)
- **Collider Parameters** (latest LHC, CLIC)

- Constants, Units, Atomic and Nuclear Prop.
- Standard Model and Related Topics
- Astrophysics and Cosmology
- Experimental Methods and Colliders
- Mathematical Tools
- Kinematics, Cross-Sections Formulae/Plots
- Particle Properties
- Hypothetical Particles and Concepts

All Reviews

- 618 pages, **40% of the book**

General Reviews

- 348 pages, 22% of the book
- 7.6 pages/review

Topical Reviews

- 270 pages, 18% of the book
- 4.1 pages/review

- 112 reviews
- 154 review authors
- 1/2 page to 35 pages long
- Single to 15 authors per review

- **Reviews as important as listings**
(per web access analysis)
- **Details on some reviews in today's other talks**