

Reviews, Tables, Plots: Introduction

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108 Reviews

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

70 Revised/New for 2010 edition

5 New Reviews

- QCD (Dissertori, Salam)
- Nu mass, mixing... (Nakamura, Petcov)
- Particle detectors for non-accelerators (Wiencke, Holder, Scholberg, ...)
- Magnetic Monopoles (Milstead, Weiberg)
- $D^+(s)$ branching fractions (Wohl)

- In addition to **new reviews**
- Major **update** of the reviews on:
 - **Top quark**
 - **Fragmentation functions**
 - **Particle Detectors for Accelerators**
- **Astrophysics sections** and **Constants** updated with the 5-year WMAP analysis
- **Collider Parameters** with SuperB and KEKB

- 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

- 531 pages, **37% of the book**

General Reviews

- 300 pages, 21% of the book
- 7.3 pages/review

Topical Reviews

- 231 pages, 16% of the book
- 3.4 pages/review

- 108 reviews
- 150 review authors
- 1/2 page to 28 pages long
- Single to 17 authors per review

- **Reviews as important as listings**
(per web access analysis)
- **Details on some reviews in the following talks**