

Referências Bibliográficas

- [1] Christenson J. H. e Cronin J. W. e Fitch V. L. e Turlay R. Evidence for the 2π decay of the k_2^0 meson. *Phys. Rev. Lett.*, 13(4):138–140, Jul 1964. 1, 2.3, 2.4, 2.4
- [2] Sakharov A.D. Violation of cp symmetry, c-asymmetry and baryon asymmetry of the universe. *Pisma Zh. Eksp. Teor. Fiz.*, (5):24–27, 1967. translation in JETP Lett. 5: 24-27 (1967). 1
- [3] Kobayashi Makoto e Maskawa Toshihide. Cp violation in the renormalizable theory of weak interaction. *Prog. Theor. Phys.*, 49:652–657, 1973. 1, 2.3, 2.3.1
- [4] Nicola Cabibbo. Unitary symmetry and leptonic decays. *Phys. Rev. Lett.*, 10(12):531–533, Jun 1963. 1, 2.3
- [5] Amsler C. et al. Review of particle physics. *Phys. Lett.*, B667, 2008. (document), 1, 2.1, 2.2, 2.2, 2.3, 2.2.1, 2.2.1, 2.1, 2.3, 2.3, 2.3.1, 2.2, 2.4, 2.4, 3.1.1, 3.1.2, 3.1.2, 3.1.2, 3.1, 3.2, 3.3
- [6] Cottingham W. N. e Greenwood D. A. An introduction to the standard model of particle physics. Cambridge, UK: Univ. Pr. (2007) 272 p. (document), 1, 2.1.2, 2.1, 2.2, 2.3, 2.3.1, 2.3, 2.4, 2.4
- [7] Halzen F. e Martin Alan D. Quarks and leptons: An introductory course in modern particle physics. New York, Usa: Wiley (1984) 396p. 1, 2.1.1, 2.2, 3.1.2
- [8] Griffiths David J. Introduction to elementary particles. NEW YORK, USA: WILEY (1987) 392p. 1, 2.1.1, 2.2, 3.1.1
- [9] Blanco R. E. e Gobel C. e Mendez-Galain R. A new method to measure the cp violating phase gamma using $b^\pm \rightarrow \pi^\pm \pi^+ \pi^-$ and $b^\pm \rightarrow k^\pm \pi^+ \pi^-$ decays. *Phys. Rev. Lett.*, 86:2720–2723, 2001. 1

- [10] Jarlskog C. Commutator of the quark mass matrices in the standard electroweak model and a measure of maximal cp violation. *Phys. Lett.*, page 1039, 1985. 1, 2.3.1
- [11] Tisserand Vincent. Measurements of the ckm angle ϕ_3/γ . 2007. 1, 2.6
- [12] Burdman Gustavo e Donoghue John F. B meson cp violation without flavor identification. *Phys. Rev.*, D45:187–192, 1992. 1
- [13] Donoghue John F. e Holstein Barry R. e Wyler, Daniel. Mass ratios of the light quarks. *Phys. Rev. Lett.*, 69:3444–3447, 1992. 1
- [14] Huerta R. e Perez-Marcial R. Comment on commutator of the quark mass matrices in the standard electroweak model and a measure of maximal cp nonconservation. *Phys. Rev. Lett.*, 57:2874, 1986. 1
- [15] Charles J. et al. Cp violation and the ckm matrix: Assessing the impact of the asymmetric b factories. *Eur. Phys. J.*, C41:1–131, 2005. (document), 1, 2.6, 2.5
- [16] Harrison P. F. e Quinn Helen R. The babar physics book: Physics at an asymmetric b factory. Papers from Workshop on Physics at an Asymmetric B Factory (BaBar Collaboration Meeting), Rome, Italy, 11–14 Nov 1996, Princeton, NJ, 17-20 Mar 1997, Orsay, France, 16-19 Jun 1997 and Pasadena, CA, 22-24 Sep 1997. 1, 2.1.1, 2.1.1, 2.5
- [17] LHCb. <http://lhcb-public.web.cern.ch/lhcb-public/>. (document), 1, 4.1, 4, 4.2, 4.2, 4.3, 4.3, 4.4, 4.5, 4.6, 4.7
- [18] LHCb-Public. <http://lhcb.web.cern.ch/lhcb/>. (document), 1, 4.1, 4.4, 4.5.1, 4.8
- [19] Giovanni Carboni. Lhcb muon system technical design report. 2001. CERN/LHCC 2001-010, LHCb TDR4. (document), 1, 4.7, 4.9
- [20] Bediaga I. e Blanco R. E. e Gobel C. e Mendez-Galain, R. A direct measurement of the ckm angle gamma. *Phys. Rev. Lett.*, 81:4067–4070, 1998. 1, 3, 3.3.1
- [21] Aubert B. et al. Dalitz plot analysis of $b^\pm \rightarrow \pi^\pm \pi^\pm \pi^\mp$ decays. *Phys. Rev.*, D79:072006, 2009. (document), 1, 3.2, 3.3, 3.3.2, 3.1, 5.4, 6
- [22] Burgess C. P. e Moore, G. D. The standard model: A primer. Cambridge, UK: Cambridge Univ. Pr. (2007) 542 p. (document), 2.2, 2.2.1, 2.2.1, 2.3, 2.5.1, 3.1.1, 3.1.2

- [23] Wolfenstein Lincoln. Parametrization of the kobayashi-maskawa matrix. *Phys. Rev. Lett.*, 51:1945, 1983. 2.3
- [24] Rosner Jonathan L. Cp violation: A brief review. 2000. (document), 2.4, 2.6, 2.5
- [25] Bediaga I. et al. A new 'miranda' procedure for dalitz cp studies. 2009. (document), 2.6, 3.3.3, 3.9, 3.10, 3.11, 3.12, 6
- [26] Byckling E. e Kajantie K. Particle kinematics. 1973. A Wiley-Interscience publication, 319 p. 3, 3.1.2, 3.1.2
- [27] LHC. <http://lhcb.web.cern.ch/lhc/>. 4, 4
- [28] ALICE. <http://aliceinfo.cern.ch/collaboration/>. 4
- [29] ATLAS. <http://atlas.web.cern.ch/atlas/index.html>. 4
- [30] CMS. <http://cms.web.cern.ch/cms/index.html>. 4
- [31] LHCb VELO Project . <http://lhcb-vd.web.cern.ch/lhcb-vd/>. 4.2
- [32] LHCb RICH System and Oxford Activities. <http://www-pnp.physics.ox.ac.uk/~lhcb/rich.shtml>. (document), 4.3, 4.5
- [33] W. Flegel e M. Rosasso and F. Rohner. Lhcb magnet: Technical design report. *INSTITUTE OF PHYSICS PUBLISHING AND SISSA*, pages ISBN 92-9083-157-0, 2007. CERN/LHCC/200-007. 4.4
- [34] Vazquez Regueiro Pablo e Esperante Pereira F. e Rohner D. and Voss H. e Nicolas L. Setup for testing lhcb inner tracker modules. Prepared for 12th Workshop on Electronics for LHC and Future Experiments (LECC 2006), Valencia, Spain, 25-29 Sep 2006. (document), 4.5, 4.8
- [35] Dzhelyadin R. The lhcb calorimeter detectors. *Nucl. Instrum. Meth.*, A581:I384–388, 2007. 4.6
- [36] Trigger Home Page. <http://lhcb-trig.web.cern.ch/lhcb-trig/>. (document), 4.8, 4.10
- [37] The Gaudi Project. <http://lhcb-comp.web.cern.ch/lhcb-comp/frameworks/gaudi/>. v21r2. 5.1.1
- [38] The Gauss Project . <http://lhcb-release-area.web.cern.ch/lhcb-release-area/doc/gauss/>. v37r2. 5.1.1

- [39] The Boole Project. <http://lhcb-release-area.web.cern.ch/lhcb-release-area/doc/boole/>. v17r2. 5.1.1
- [40] The Brunel Project. <http://lhcb-release-area.web.cern.ch/lhcb-release-area/doc/brunel/>. v34r2. 5.1.1
- [41] The DaVinci Project. <http://lhcb-release-area.web.cern.ch/lhcb-release-area/doc/davinci/>. v21r0. 5.1.1
- [42] ROOT. <http://root.cern.ch/drupal/>. v5.21. 5.1.1, 5.2.2