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Descrizione fisica	1 online resource (406 pages)
Collana	Institute of Physics (Great Britain). Scottish graduate textbook series
Disciplina	539.72167
Soggetti	Quantum flavor dynamics Quarks CP violation (Nuclear physics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph "A NATO Advanced Study Institute."
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	B-factories at SLAC and KEK started producing high quality results in 2001, while preparations for B physics at the LHC continue. Heavy Flavour Physics: Theory and Experimental Results in Heavy Quark Physics provides an introduction to and overview of recent developments in theory and experiments relevant to the physics of heavy flavors, particularly that of the b quark. It reviews the field thoroughly from both experimental and theoretical perspectives. The book includes important background material on the standard model, CP violation, lattice quantum chromodynamics, and Kaon decay experiments. Chapters are written by international experts and the

whole book has been carefully edited to provide a coherent account of the field. The level is suitable for junior postdoctoral researchers and postgraduate students in particle physics.

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