

QCD Calculation for hadronic B decays

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All B decays are electroweak decays, but their QCD calculations are very complicated, due to large non-perturbative effects. Since the b quark mass is heavy, we can use a perturbative expansion of $1/m_b$ to prove factorization. After many years development, theory of hadronic B decays has been developed well using factorization. I will summarize the current situation and recent progress including the QCD factorization, perturbative QCD factorization and factorization assisted topological diagram approach for the hadronic B decays.

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