Semileptonic Decays of the B Meson: A Theory Overview

Presented by:

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Abstract

Semileptonic B decays play an important role in the precision determination of the parameters that govern the mixing of quarks. They also provide interesting information on the heavy quark masses and the non-perturbative dynamics of the B meson. I will review some of the theoretical methods employed in the analysis of semileptonic B decays and how they confront the experimental data.