

Rare decays of B mesons

Tuesday, 8 October 2024 10:00 (15 minutes)

We study the B mesons decays within the Standard Model (SM) by using the relevant transition form factors obtained from the covariant confined quark model (CCQM) developed by us. The $b \rightarrow u(d)$, $b \rightarrow c$, and $b \rightarrow s$ transitions form factors are obtained in the full kinematic q^2 range. The branching fractions are then calculated. Our results are in an agreement with those obtained in other theoretical approaches.

Section

Nuclear physics (Section 1)

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