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New results on semileptonic and leptonic B meson decays from the Belle experiment

Thursday 30 July 2020 10:52 (15 minutes)

Semileptonic B meson decays allow to determine the magnitudes of the Cabibbo-Kobayashi-Maskawa matrix elements $|V_{cb}|$ and $|V_{ub}|$. B decays with a heavy τ lepton in the final state constitute a powerful probe for physics beyond the standard model as well as a test for lepton flavour universality. Finally, B decays with leptonic final states enable us to search for lepton flavour violation. We present new results on these topics based on the full data set recorded by the Belle detector at the KEKB e^+e^- collider containing 772 million $B\overline{B}$ pairs.

I read the instructions

Secondary track (number)

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