Contribution ID: 134

Understanding the first observation of B→Kvv by Belle-II

Friday 19 July 2024 17:00 (15 minutes)

The Belle-II experiment has recently measured $\mathcal{B}(B \to K\nu\nu)$, which appears to be almost 3σ larger than its Standard Model (SM) prediction. In this talk, I will critically revisit the status of the SM predictions for the $B \to K^{(*)}\nu\nu$ decays, and discuss the interpretation of this Belle-II measurement in terms of a general Effective Field Theory, as well as concrete models of physics beyond the SM.

Alternate track

1. Beyond the Standard Model

I read the instructions above

Yes

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