

Looking for New Physics through exclusive $c \rightarrow se\nu$ decay modes

Saturday 20 July 2024 12:00 (15 minutes)

It is well known that the decay rates of leptonic decays of mesons, as well as the rates and angular observables of semileptonic decays of mesons and baryons, can provide a window to physics beyond the Standard Model. We point out the difficulties and prospects of such an endeavor in the case of $c \rightarrow se\nu$ for which both the experimental and theoretical uncertainties are under control. Besides the generic EFT approach, we also discuss several specific models of physics beyond the Standard Model.

Alternate track

I read the instructions above

Yes

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