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Probing light states in Flavor Experiments

I will describe how light states like a light sterile neutrino an an ALP(axion like particle) can be probed in various flavor experiments. I will discuss their signatures in B decays and also study the implications of these states in other sectors like rare Kaon decays and neutrino experiments. In particular I will discuss how these light states may resolve some of the existing B anomalies.

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