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Form factors and differential distributions in rare radiative leptonic B-decays

Monday 29 August 2016 16:00 (20 minutes)

We analyze long-distance QCD effects in $B_{d,s} \rightarrow \ell^+ \ell^- \gamma$ decays.

Taking into account photon emission from the b -quark loop, weak annihilation, and Bremsstrahlung from leptons in the final state, we give predictions

for dilepton spectrum and various asymmetries in $B_{d,s} \rightarrow \ell^+ \ell^- \gamma$ decays within the Standard Model.

Summary

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