

Radiative pion-photoproduction in covariant chiral EFT

Tuesday, June 11, 2019 5:00 PM (30 minutes)

Radiative pion-photoproduction is studied in the framework of covariant SU(2) chiral perturbation theory up to loop order. The effects of the delta (1232) resonance are studied in the “ ϵ ” power-counting scheme. Further, I will give an outlook how the magnetic dipole moment of the delta can be assessed with this reaction.

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