

Radiative two-pion tau decays and the T-odd asymmetries

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The radiative two-pion tau decay process is studied in this work. The resonance chiral theory is used to calculate the relevant form factors. Different light-flavor vector resonance dynamics are revealed in several different two-particle invariant mass distributions. Interesting studies on the T-odd asymmetry distributions arising from the radiative two-pion tau decay process are explored as well. Our results could provide useful guides for future measurements conducted at Belle-II and super tau-charm facilities.

What is your topic?

Hadronic decays

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