

On the precise determination of the differences of ρ -meson family parameters

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Collaboration

Abstract content

The mass and decay width differences of charge and neutral members of the known ρ -meson families are determined by exploiting experimental data on $e^+e^- \rightarrow \pi^+\pi^-$ and $\tau^- \rightarrow \pi^-\pi^0\nu_\tau$ processes and by the Unitary and Analytic models of the corresponding electromagnetic and weak π form factors.

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