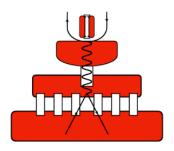
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Study of the kaon electromagnetic form factors in e^+e^- annihilation and τ decays

Tuesday, 10 September 2019 17:46 (1 minute)

The recent measurements of the τ^- to $K^-K_S\nu_{\tau}$ decay spectral function carried out with BABAR detector is described. Combining the results on K^-K mass spectrum and measurements of $e^+e^- \to K_SK_L$ and $e^+e^- \to K^+K^-$ cross sections, the isoscalar and isovector electromagnetic kaon form factors and their relative phase are derived in a model independent way. The experimental results are compared with a fit based on the vector-meson-dominance model.

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