

Dispersive representation and shape of $K_{\{13\}}$ form factors.

Monday, 21 May 2007 17:00 (20 minutes)

In this talk we will introduce an accurate dispersive parametrization of the two $K_{\{13\}}$ form factors and discuss three applications to the analysis of $K_{\{e3\}}$ and $K_{\{\mu3\}}$ measurements: the prediction of the branching ratios $K_{\{\mu3\}}/K_{\{e3\}}$, the extraction of $|f_{+(0)}V_{\{us\}}|$ and finally the possible measurement of $m_d - m_u$ induced isospin breaking asymmetry.

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Session Classification: Session I

Track Classification: Vus and Vud