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Hadronic B decays at Belle

Saturday 20 July 2013 10:00 (15 minutes)

We report results of an angular analysis and search for CP violation in the $B^0 \rightarrow \phi(K^+\pi^-)^0$ decay. We perform a coherent amplitude analysis of the system up to an invariant mass of 1.55 GeV of the $(K^+\pi^-)^0$ pair. The analysis is based on a data sample of $772 \times 10^6 B\bar{B}$ pairs collected at the $\Upsilon(4S)$ resonance with the Belle detector at the KEKB asymmetric-energy e^+e^- collider.

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