

Abstract Submitted
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Study of two-body B^0 decays to $\rho^0 K^{*0}$, $f_0 K^{*0}$ and $\rho^- K^{*+}$ CORRY
LEE, Harvard University, BABAR COLLABORATION — We present measurements of branching fractions, polarization, and CP -violation charge asymmetries for B^0 decays to $\rho^0 K^{*0}$, $f_0 K^{*0}$, and $\rho^- K^{*+}$ where the K^* can be a $K^*(892)$, $K_0^*(1430)$, or $K_2^*(1430)$. The analysis was performed on a data sample consisting of 470×10^6 $B\bar{B}$ pairs collected with the *BABAR* detector at the PEP-II asymmetric-energy B factory at SLAC.

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