

# Updated measurements of hadronic B decays at CDF

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We present the updated analysis of  $B_d$ ,  $B_s$ , and  $\Lambda_b$  decays into charmless two-body final states using 6/fb of data collected by the CDF experiment. We report the first evidence for the pure-annihilation decay  $B_s \rightarrow \pi^+ \pi^-$  and improved limits on the  $B_d \rightarrow K^+ K^-$  branching ratio. We also report the first measurement of branching fractions and CP-violating asymmetries of doubly-Cabibbo suppressed  $B^+ \rightarrow D^0 K$  decays in hadron collisions, using the approach proposed by Atwood, Dunietz, and Soni (ADS) to infer information on the CKM angle  $\gamma$  in 7.0 fb<sup>-1</sup> of data. The relevant parameters are determined with accuracy competitive with best B factory measurements.

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