

Abstract Submitted
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CP Violation in B Decays at BABAR ROMULUS GODANG, University of South Alabama, BABAR COLLABORATION — We report on the study of the decay $B^+ \rightarrow D^0(D^0\text{bar}) K^+$ where the D^0 or $D^0\text{bar}$ meson decaying to $K\pi\pi$ and $K\pi\pi^0$, with the Atwood Dunietz and Soni (ADS) and Gronau, London, and Wyler (GLW) methods. We measure the ratios R_{ADS} , R_+ , and R_- since the processes $B^+ \rightarrow D^0\text{bar}K^+$ and $B^+ \rightarrow D^0K^+$ are proportional to V_{cb} and V_{ub} , respectively, are sensitive to $\arg(V_{ub}/V_{cb})$ and to the weak phase angle γ .

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