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Study of  $B_s$  to  $\psi / \phi$  decays DAEJUNG KONG, Kyungpook National University, CDF COLLABORATION — We have searched for  $B_s \to \psi(2s)\phi$  decays in  $p\overline{p}$  collisions at  $\sqrt{s} = 1.96$  TeV, using 360  $pb^{-1}$  of data from the CDF II detector at the Fermilab Tevatron. The  $B_s \to J/\psi\phi$  mode is used for normalization, while  $B^{\pm} \to \psi(2s)K^{\pm}$  and  $B^{\pm} \to J/\psi K^{\pm}$  modes are used as control samples.

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