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Study of b-hadron to $J/\psi hh$ decays

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b-hadron decays to J/ψ and light mesons and/or baryons allow to perform studies in the $J/\psi hh$ “Dalitz” decay plane. We determine the resonant structure and CP components of $B \rightarrow J/\psi KK$ and $\pi\pi$, which serve as input to CP violation studies. We also report the observation of new decay modes of the B_c meson and the Λ_b baryon.

Summary

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