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Branching fractions and CP asymmetry in $B^+ \to \phi\phi K^+$ and $B^0 \to \phi\phi K^0$ decays HULYA ATMACAN, University of California at Riverside, BABAR COLLABORATION — Measurements of the decays $B^+ \to \phi\phi K^+$ and $B^0 \to \phi\phi K^0$ are reported using 423 fb^{-1} of data, corresponding to 464 million $B\overline{B}$ pairs, collected with the *BABAR* detector at the PEP-II asymmetric-energy B factory at SLAC. We report the branching fractions of the decays $B^+ \to \phi\phi K^+$ and $B^0 \to \phi\phi K^0$, and CP asymmetry in the charged B mode for $\phi\phi$ invariant mass below 2.85 GeV/c^2. We also search for a direct CP asymmetry within the η_c mass region.

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