$$C_{AB}^{\text{DHK}}(t) = \int d\Omega_0 \int d\Omega_0' \left\langle \Omega_0 \middle| \hat{A} \middle| \Omega_0' \right\rangle \left\langle \Omega_t' \middle| \hat{B} \middle| \Omega_t \right\rangle \underbrace{C_t^{\text{HK}} C_{t'}^{\text{HK}*}}_{C_t c'} e^{i\Delta S}$$

$$A e^{i\phi_A} \quad B e^{i\phi_B} \quad C e^{i\phi_C}$$

$$C_{AB}^{\text{DHK}}(t) = \int d\Omega_0 \int d\Omega_0' \left\langle \Omega_0 \middle| \hat{A} \middle| \Omega_0' \right\rangle \left\langle \Omega_t' \middle| \hat{B} \middle| \Omega_t \right\rangle \underbrace{C_t^{\text{HK}} C_{t'}^{\text{HK}*}}_{C_t c'} e^{AC}$$

$$A e^{AC} A \qquad B e^{AC} B \qquad C e^{AC}$$

Focus on amplitude (ignore all phases)