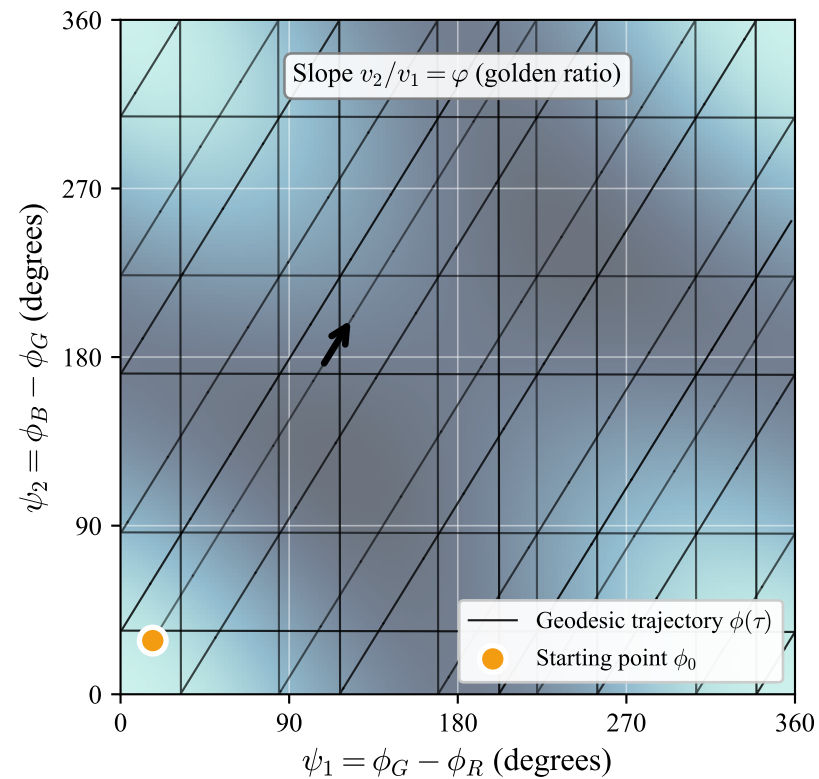
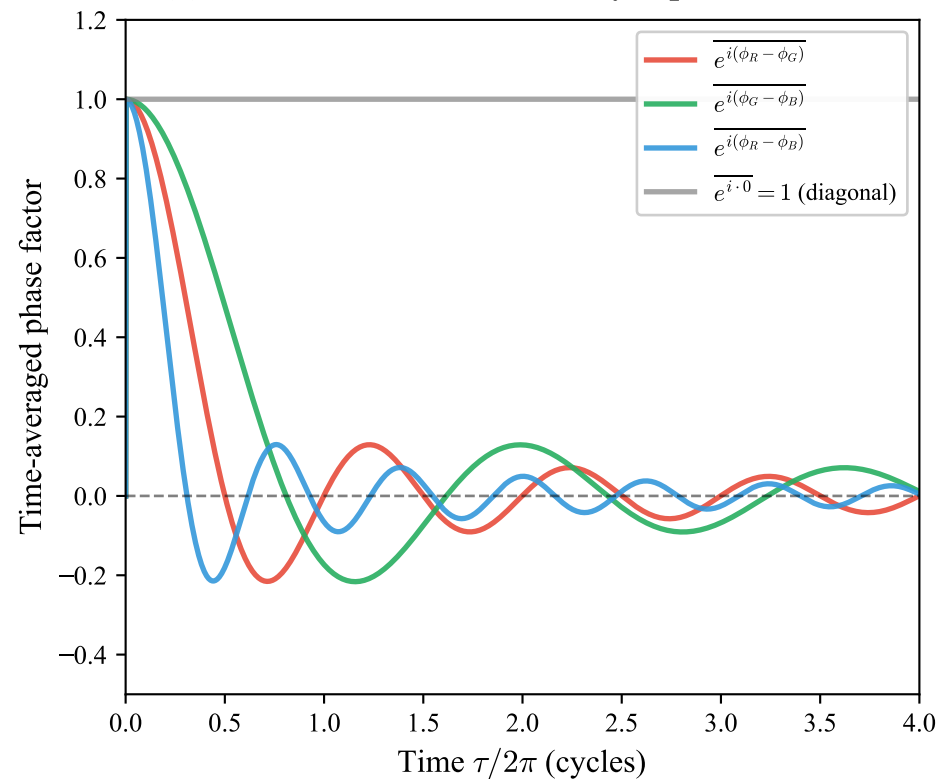
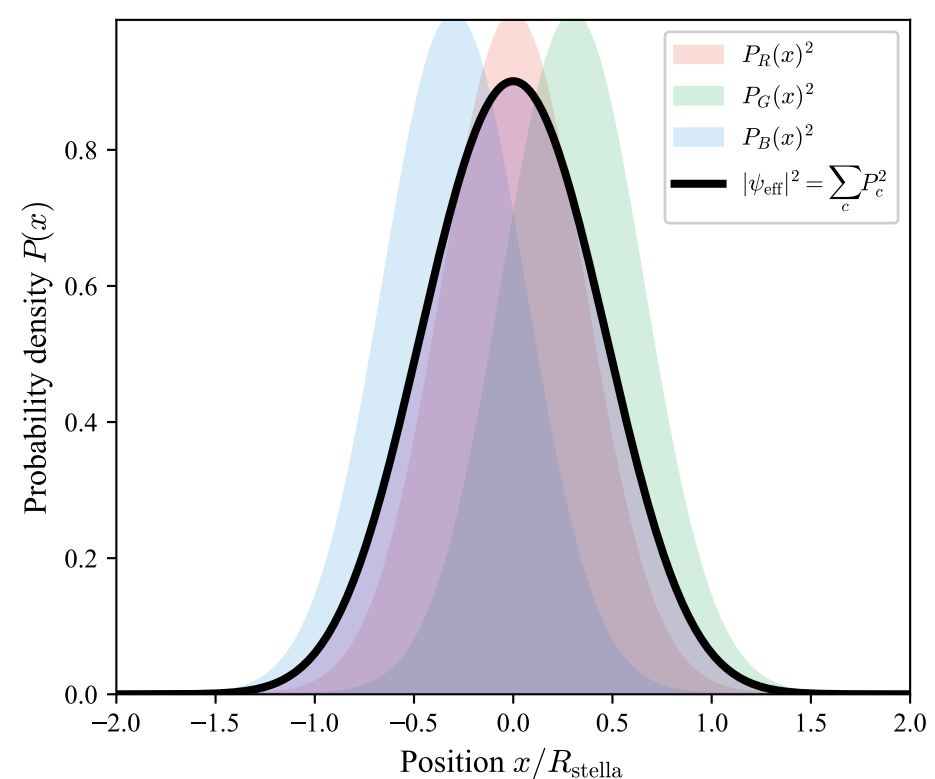


(a) Ergodic Flow on Cartan Torus \mathbb{T}^2 **(b) Cross-Term Cancellation by Equidistribution****(c) Born Rule: $P(x) = |\psi_{\text{eff}}(x)|^2$** 

Ergodic geodesic flow on $(T^2, g^F) \Rightarrow$ Weyl equidistribution \Rightarrow Cross-terms vanish \Rightarrow Born rule $P = |\psi|^2$