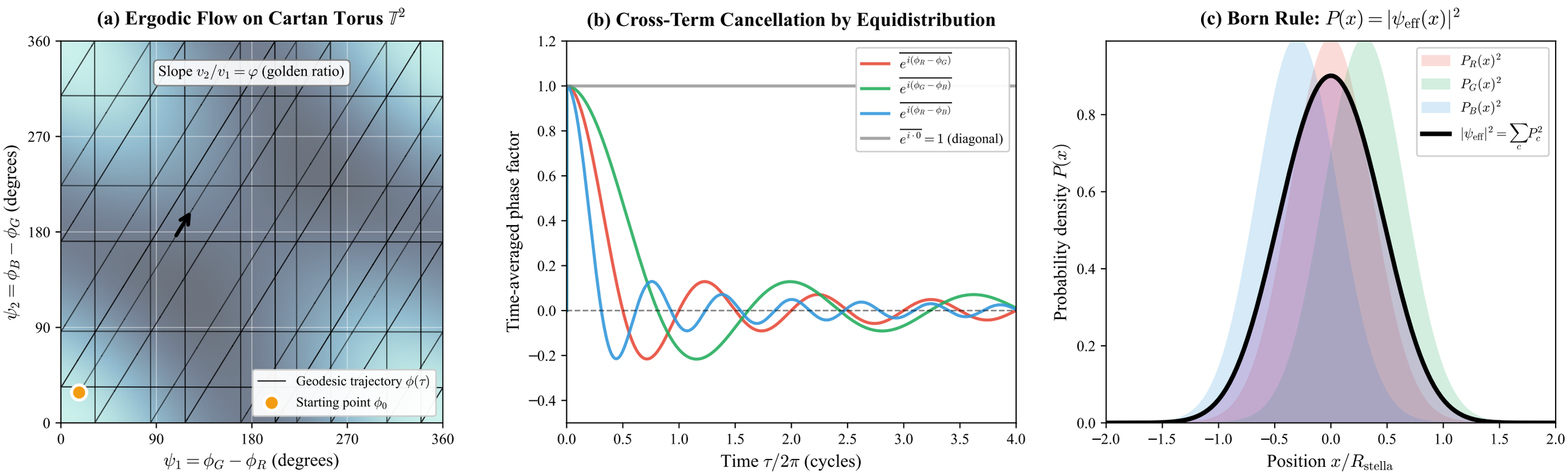

Ergodic geodesic flow on (T^2, g^F) $\Rightarrow$ Weyl equidistribution $\Rightarrow$ Cross-terms vanish $\Rightarrow$ Born rule $P = |\psi|^2$