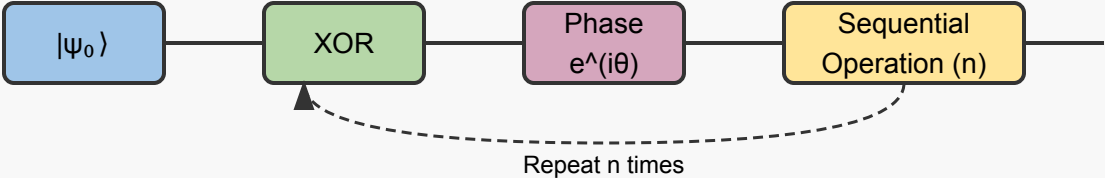
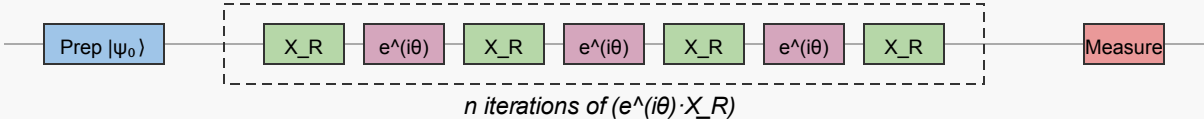


Figure 4: Phase-Dependent Quantum Coherence Oscillations

Panel A: Experimental Setup Schematic



Panel B: Quantum Circuit Diagram



Panel C: Coherence Oscillation Patterns

$$C(n) = C_0 \cdot \cos(n\theta + \phi_0) \cdot e^{\lambda(-n\hbar_0)}$$

