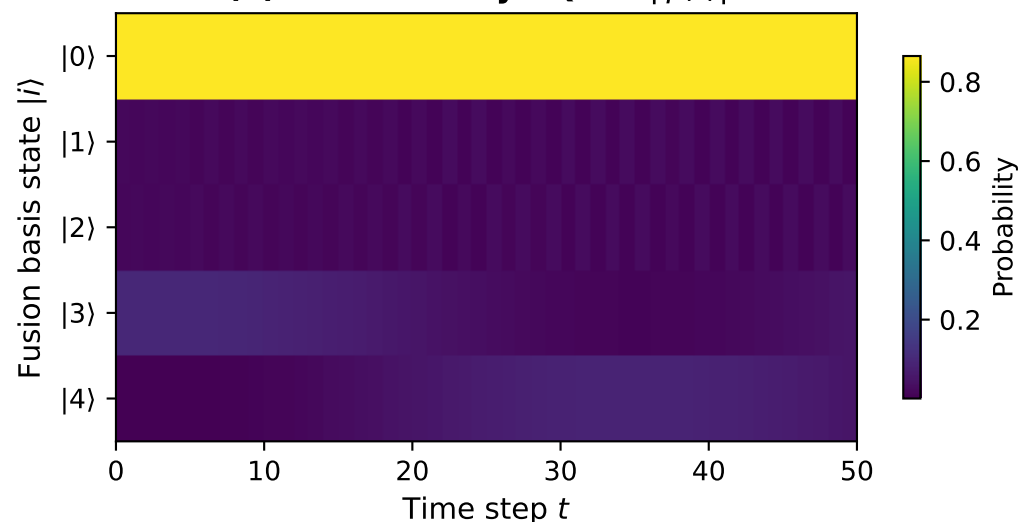


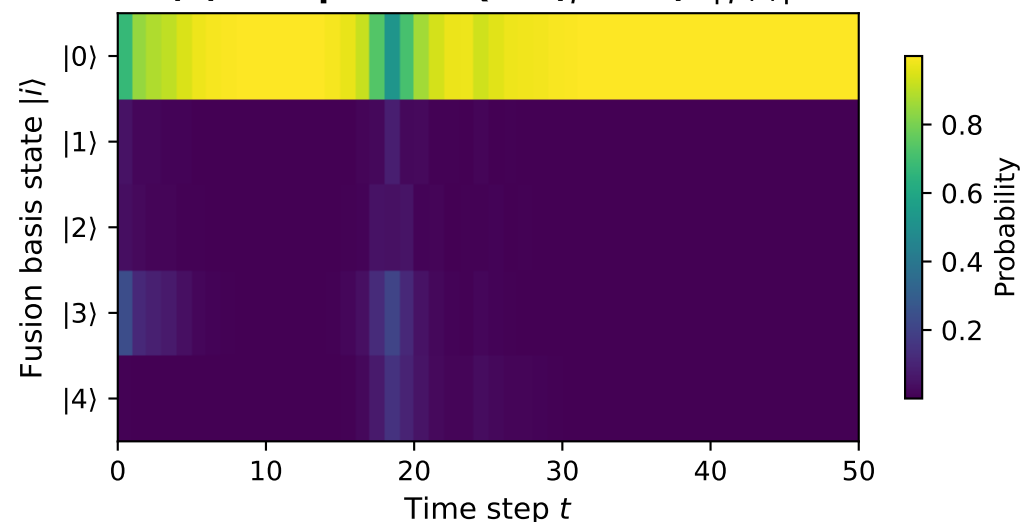
# Fibonacci Anyon Quantum State Evolution During TQRC Simulation

$n = 6$  anyons,  $\dim(\mathcal{H}) = F_5 = 5$ , sinusoidal input

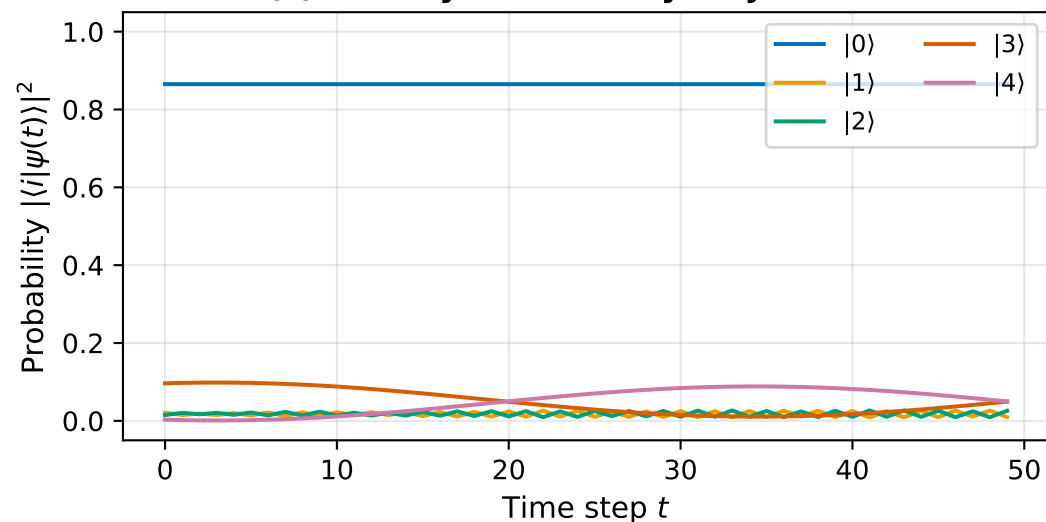
**(a) Pure Unitary TQRC:  $|\psi(t)|^2$**



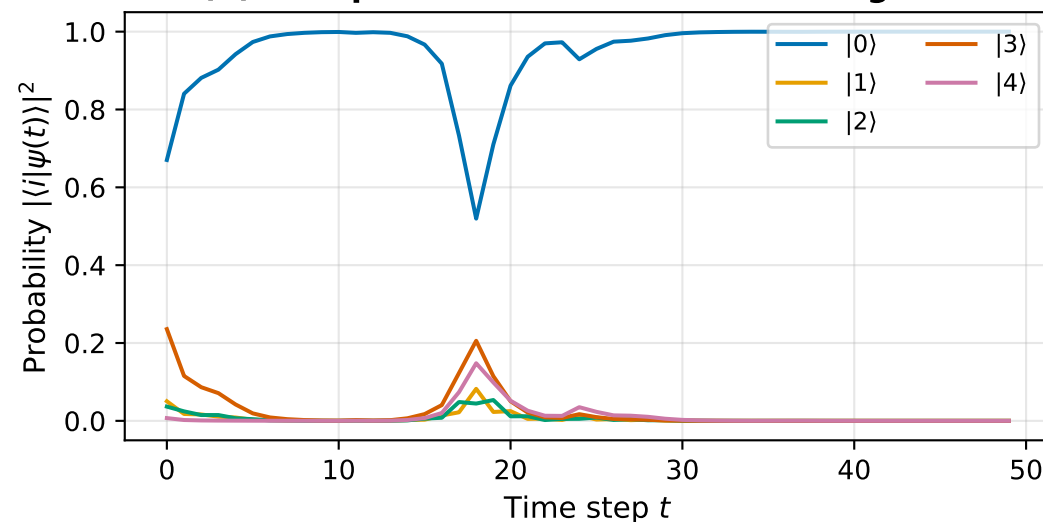
**(b) Dissipative TQRC ( $\gamma = 0.2$ ):  $|\psi(t)|^2$**



**(c) Unitary: Probability Trajectories**



**(d) Dissipative: Ground State Convergence**



**(e) Input Signal and State Entropy Evolution**

