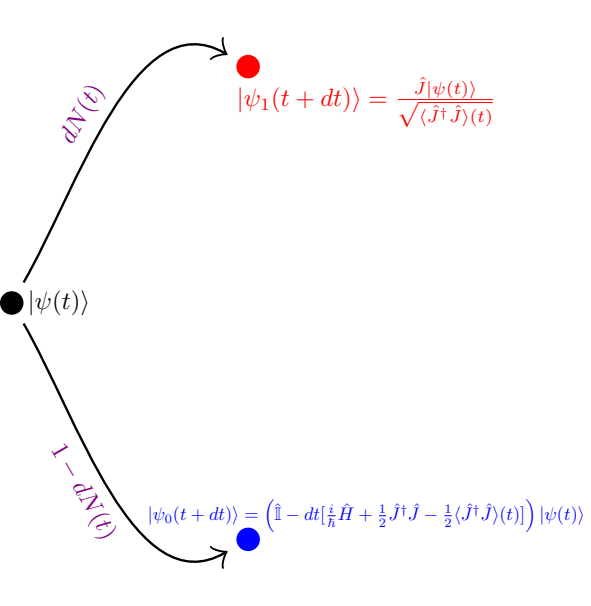
$dN(t)$
$|\psi_1(t+dt)\rangle = \frac{\hat{J}|\psi(t)\rangle}{\sqrt{\langle \hat{J}^\dagger \hat{J}\rangle(t)}}$
$|\psi(t)\rangle$
$1 - dN(t)$
$|\psi_0(t+dt)\rangle = \left(\mathbb{1} - dt[\frac{i}{\hbar}\hat{H} + \frac{1}{2}\hat{J}^\dagger \hat{J} - \frac{1}{2}\langle \hat{J}^\dagger \hat{J}\rangle(t)]\right)|\psi(t)\rangle$