$$\mathbf{PQE}$$

$$\bar{H} = \hat{U}(\boldsymbol{\theta})^{\dagger} \hat{H} \hat{U}(\boldsymbol{\theta})$$

Propagated PQE

$$\bar{\mathcal{F}} = \hat{U}(\boldsymbol{\theta})^{\dagger} e^{-i\Delta t \hat{H}} \hat{U}(\boldsymbol{\theta})$$



