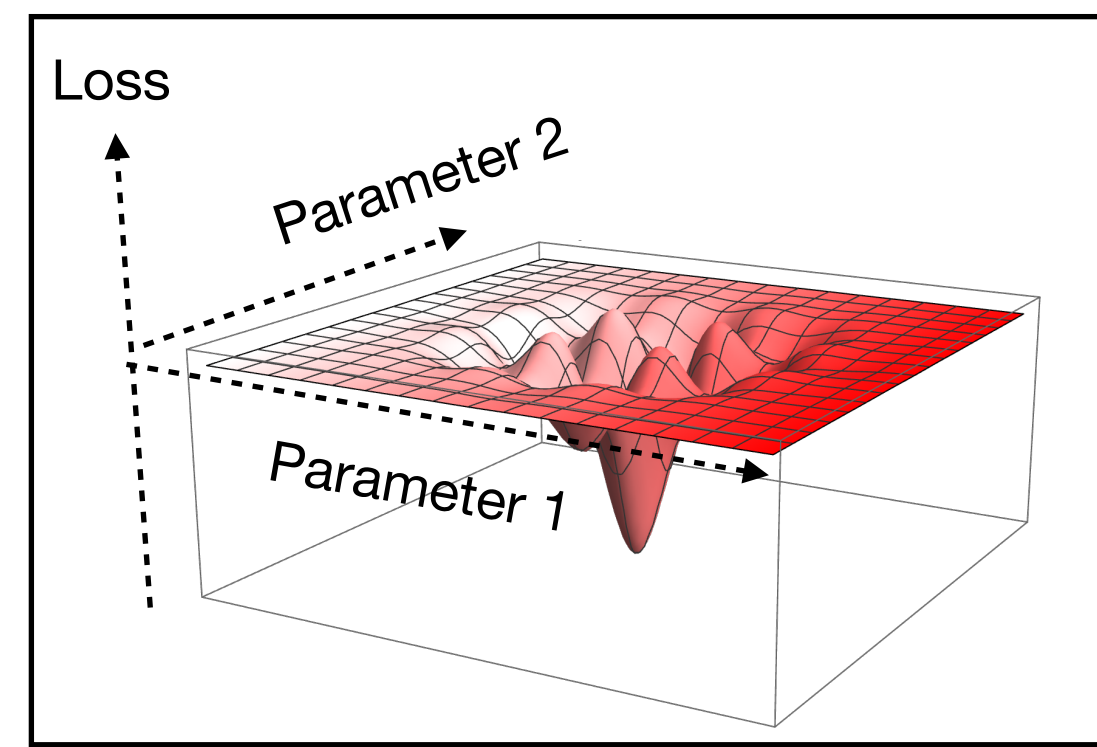
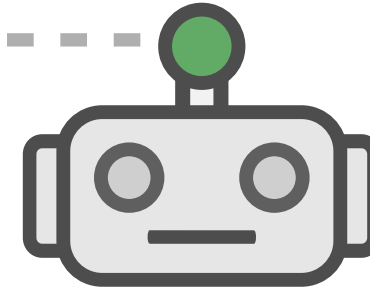
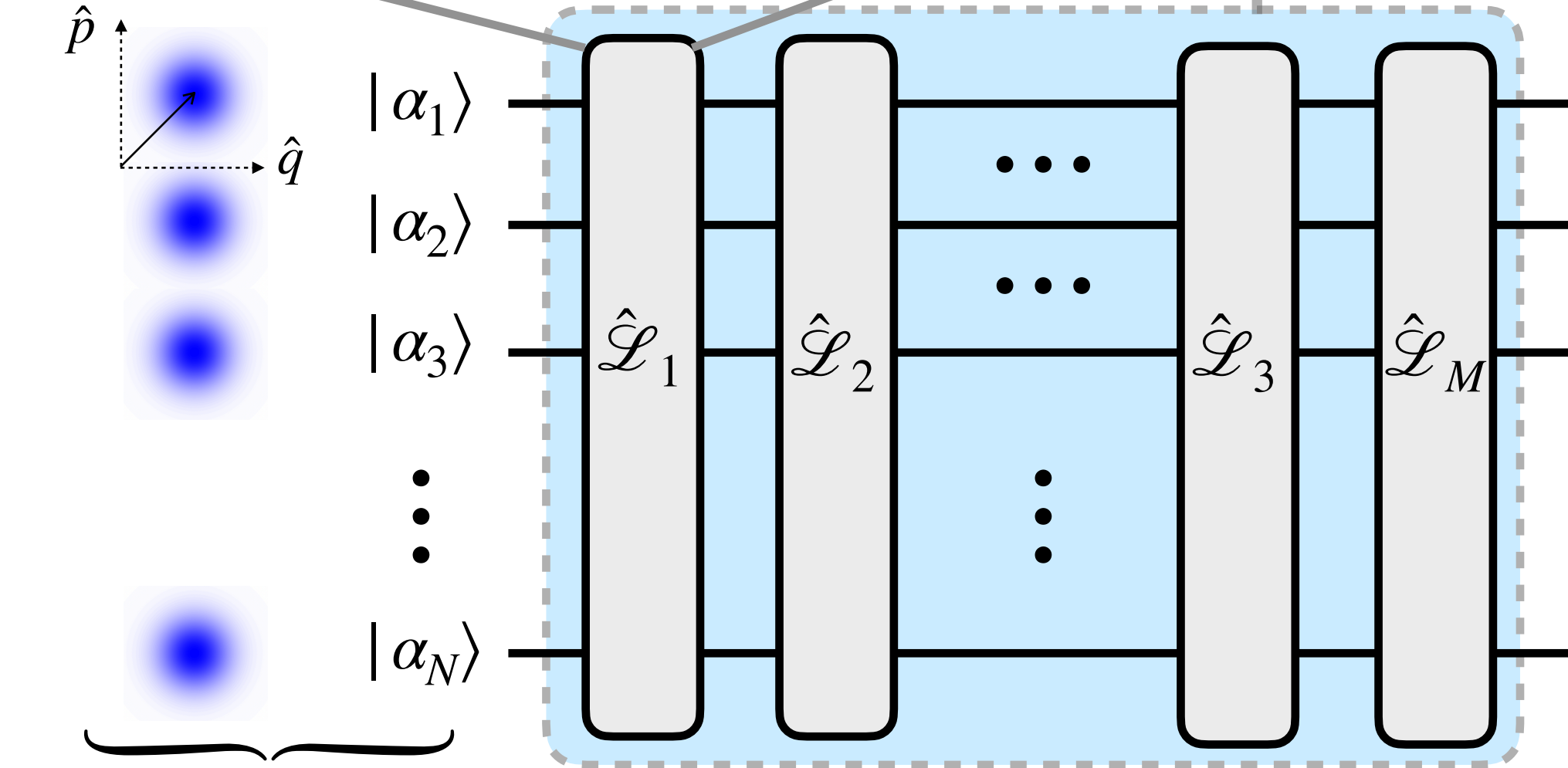


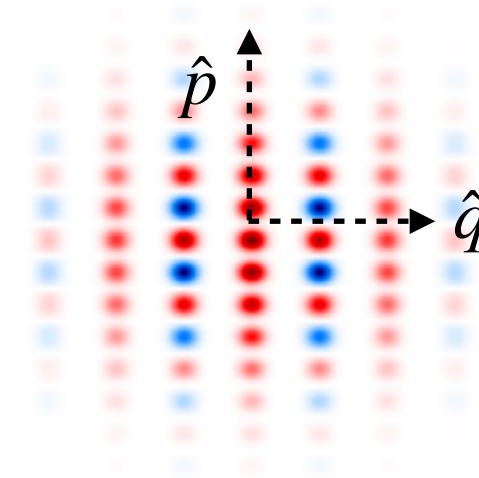
Machine Learning
(Optimization)



Barren Plateau



Classical state
(e.g., coherent)



$$|\Psi\rangle = \prod_{n=1}^N \hat{\mathcal{L}}_n \left(\bigotimes_{m=1}^M |\alpha_m\rangle \right)$$

Nontrivial quantum state
(e.g., GKP)