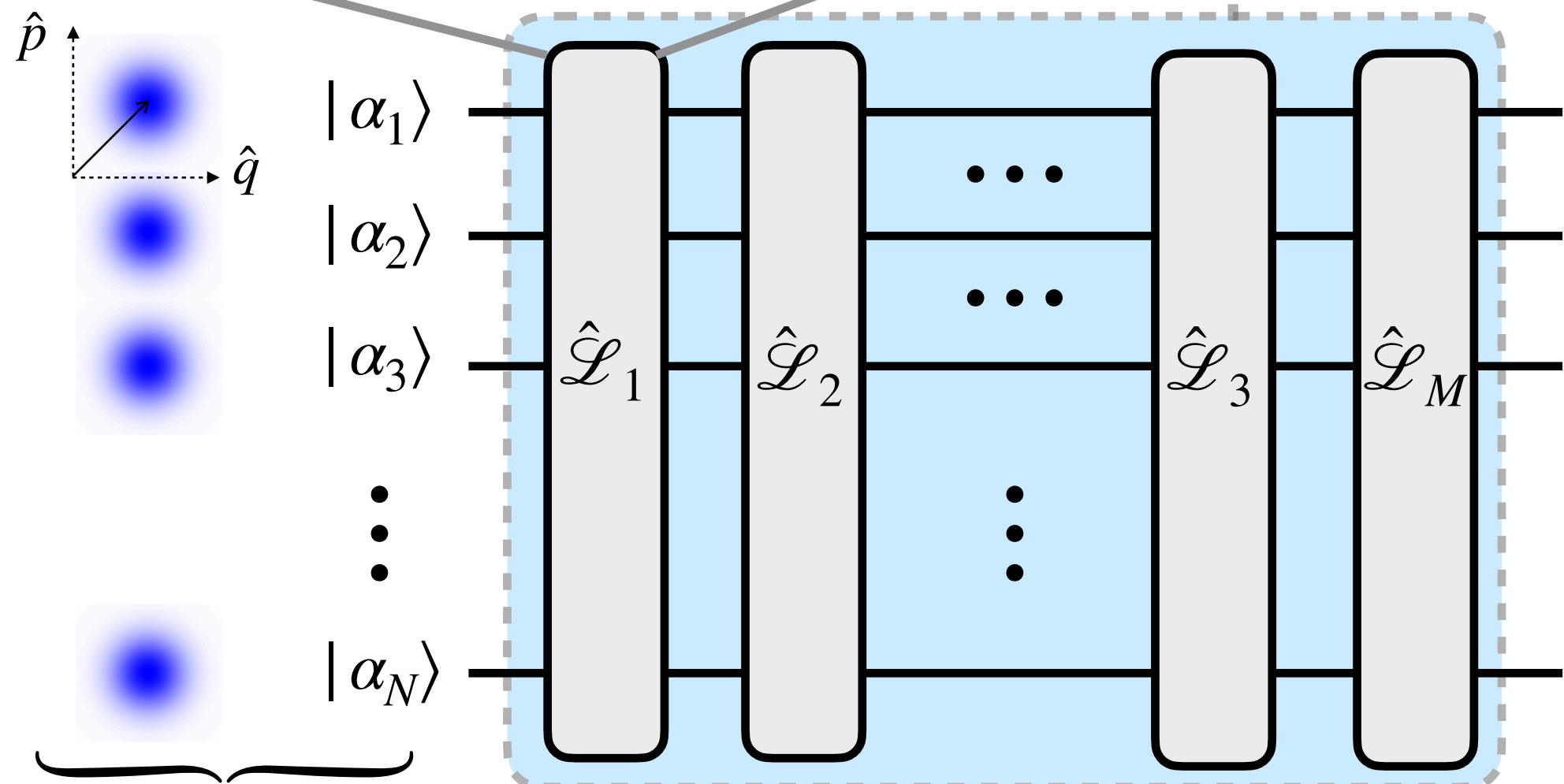
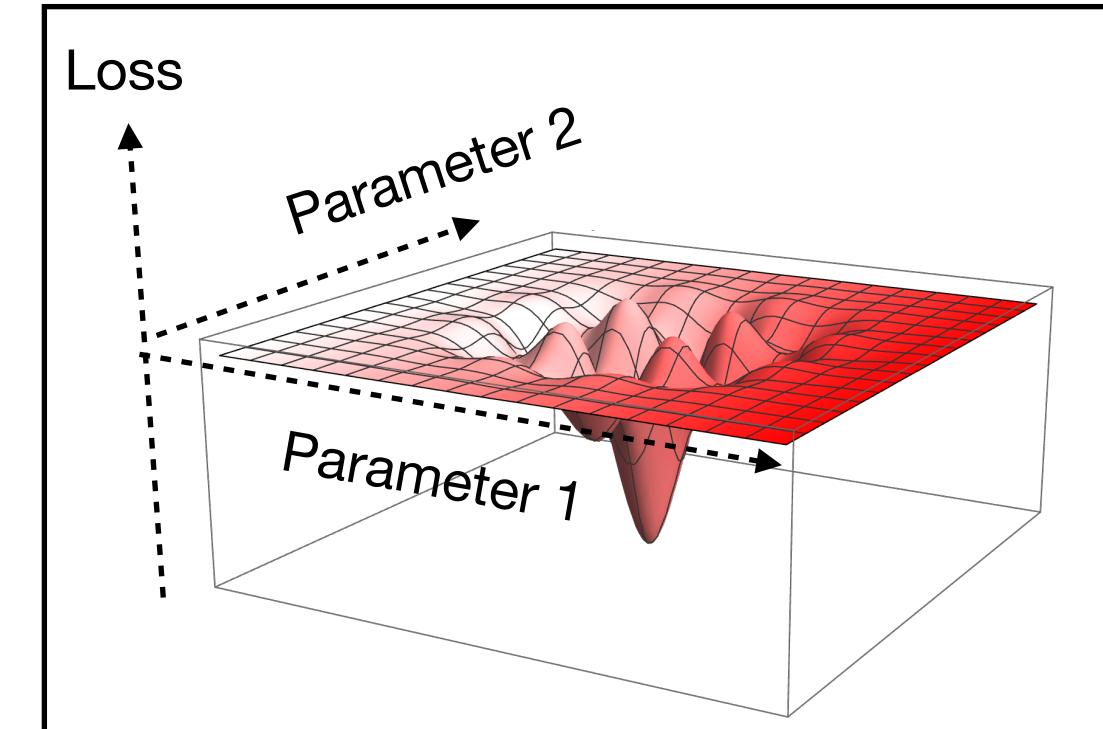
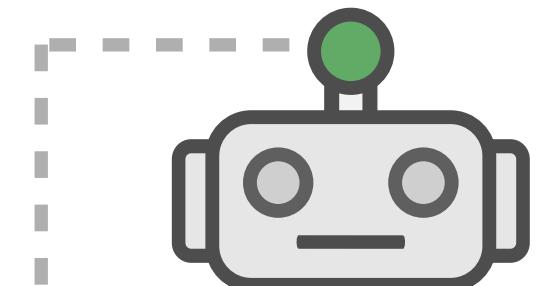


## Machine Learning (Optimization)



Classical state  
(e.g., coherent)

Nontrivial quantum state  
(e.g., GKP)

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