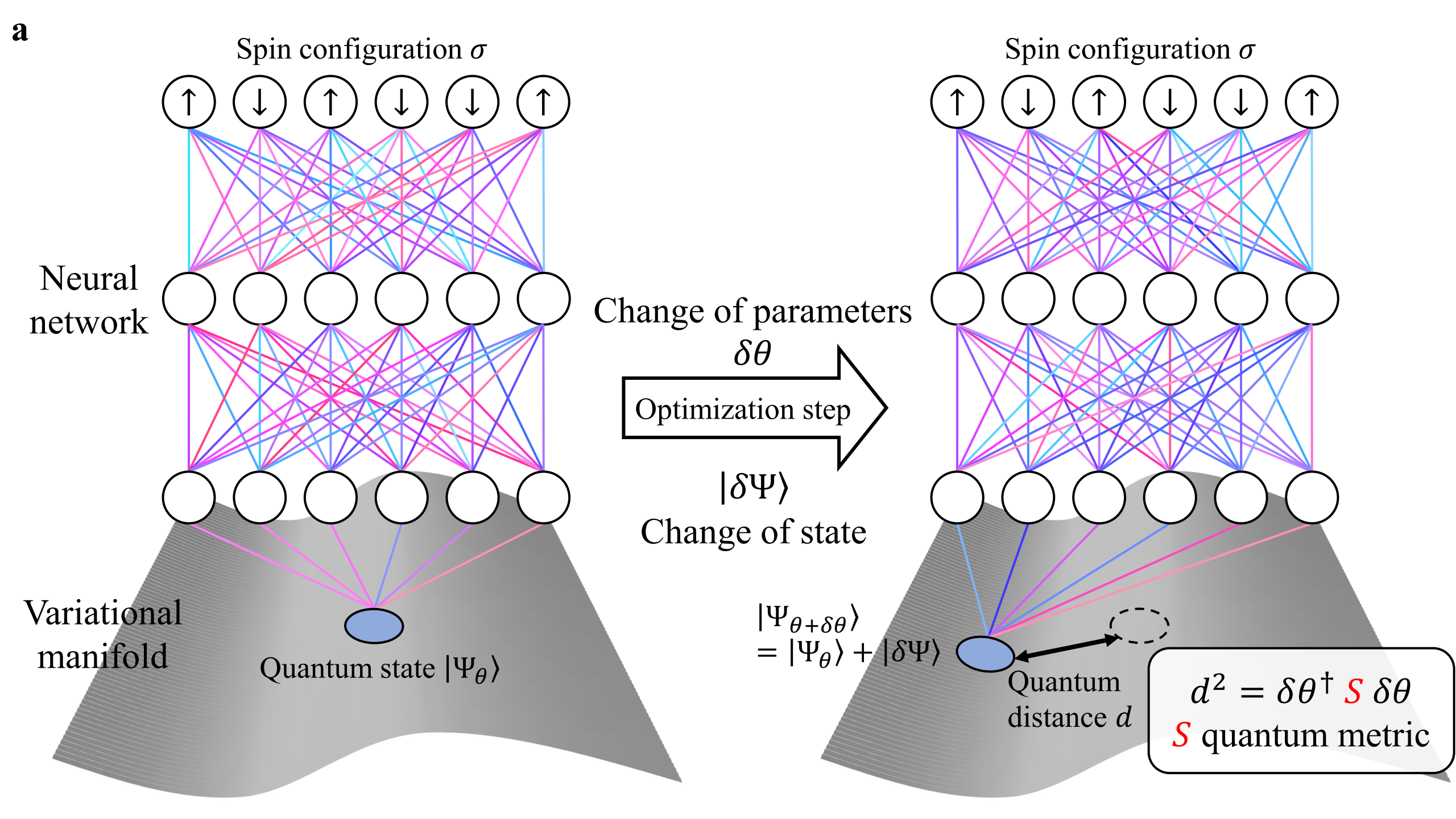
a
Spin configuration σ
Neural network
Variational manifold
Quantum state |Ψθ⟩
Change of parameters
δθ
Optimization step
|δΨ⟩
Change of state
Spin configuration σ
|Ψθ+δθ⟩
= |Ψθ⟩ + |δΨ⟩
Quantum distance d
d² = δθ† S δθ
S quantum metric