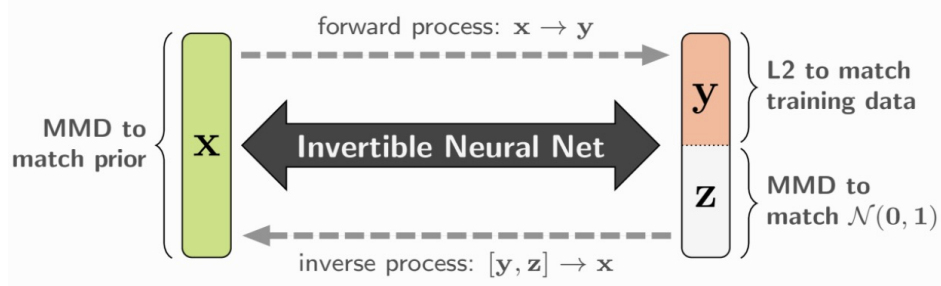
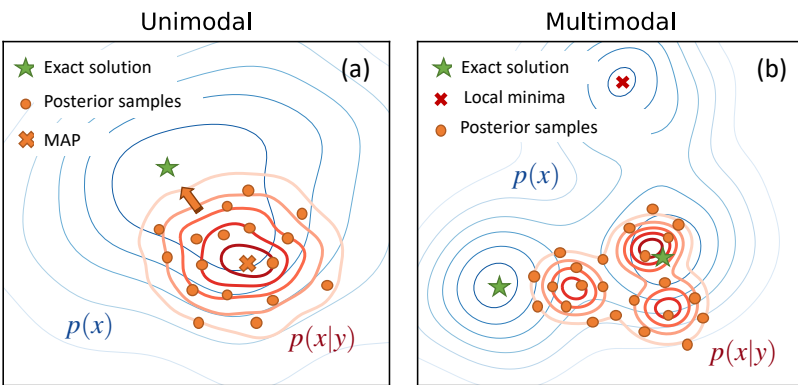


(a) Formulate augmented inverse problems

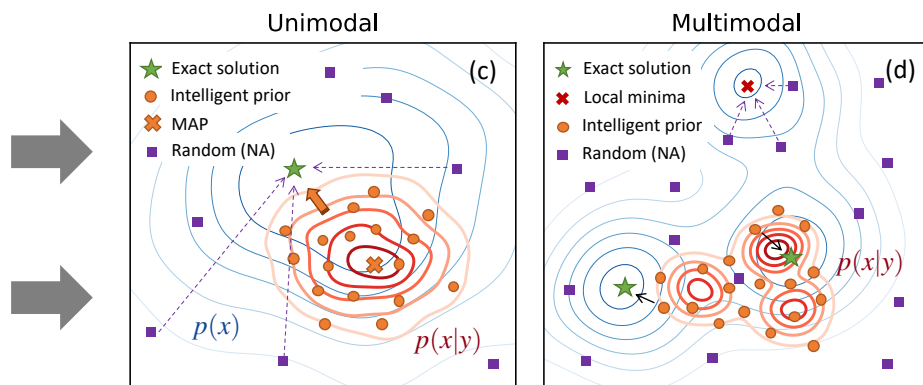


(b) Training and inference with INNs

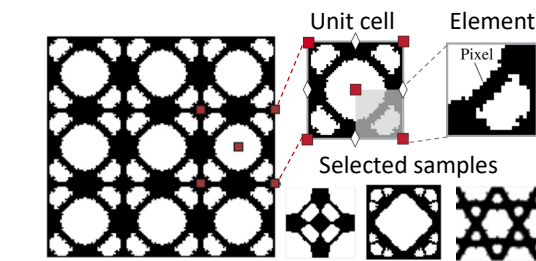
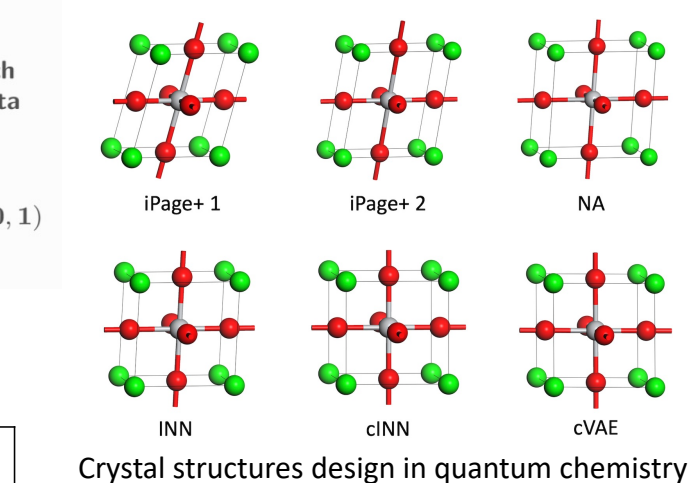


Narrow search space via posterior samples

(c) Localize inverse solutions from posterior samples drawn from invertible inference



Search exact solution starting from intelligent priors



Architected materials design in 3D printing

(d) Scientific crystal and metamaterials design