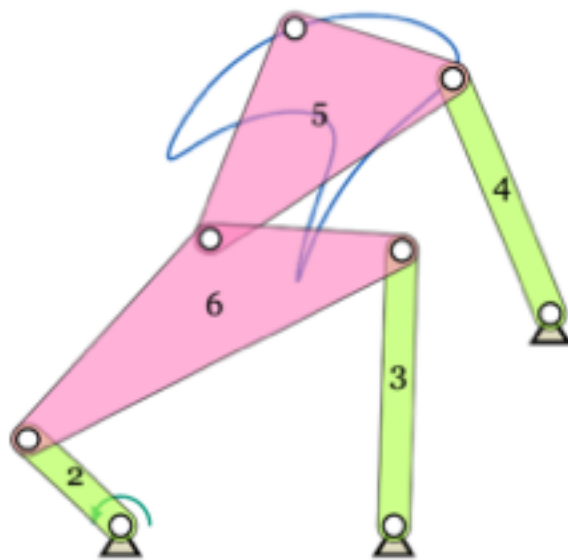


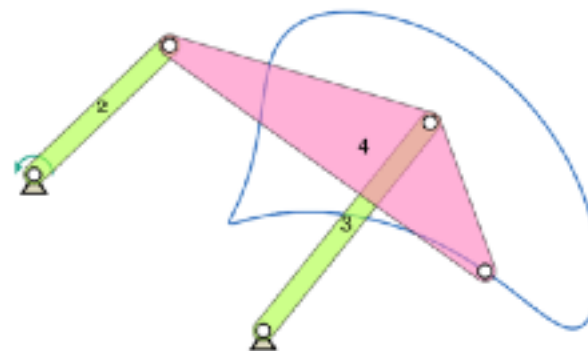
Representation Learning of Linkage Trajectories

- Learn Salient Features of Linkage Trajectories
- Given an unknown trajectory, recognize the potential linkage type.

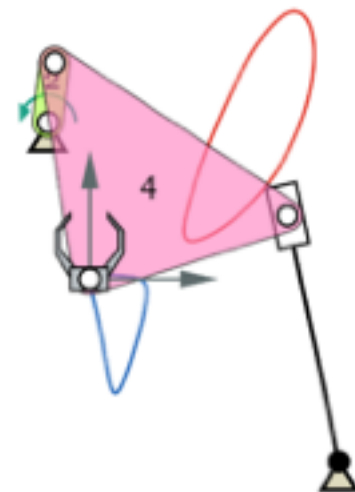
Six-Bar Linkage



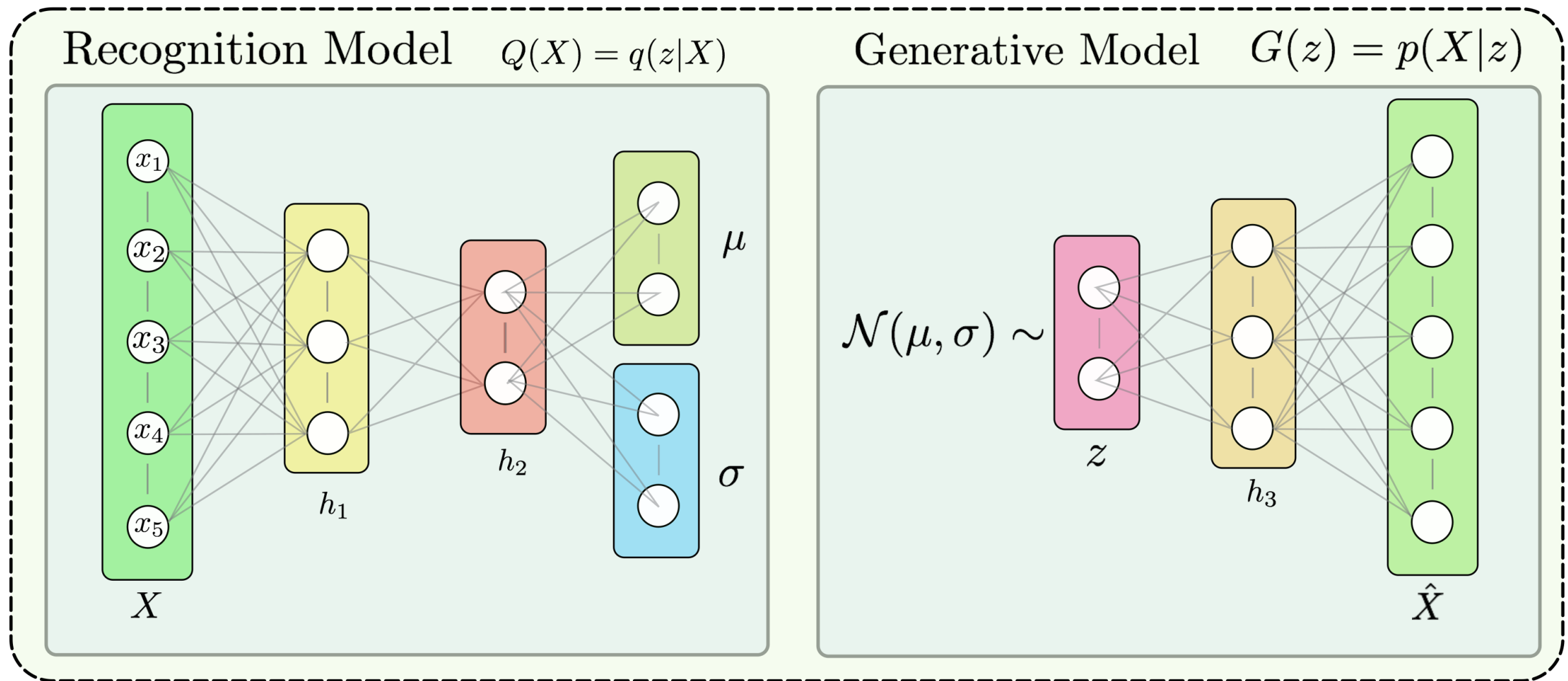
Four-R Linkage



Slider Crank Linkage



Variational Auto Encoder



Overserved Variable = X

- X can be Coupler Trajectories or Entire Linkage
- X is Generated by a Natural Process, involving an unobserved continuous hidden variable z