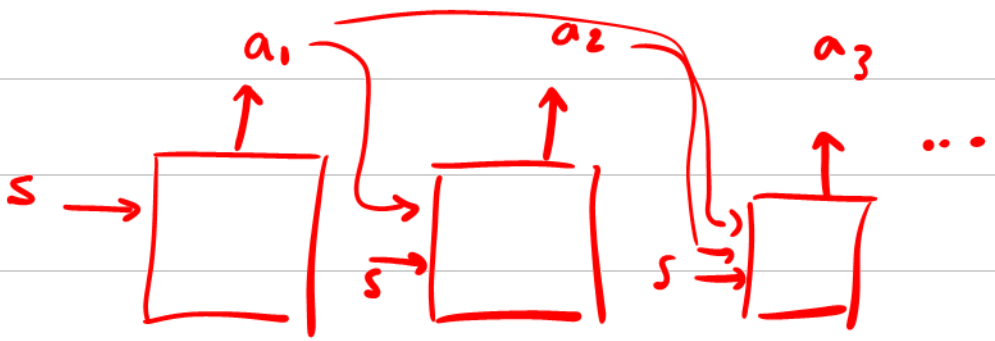
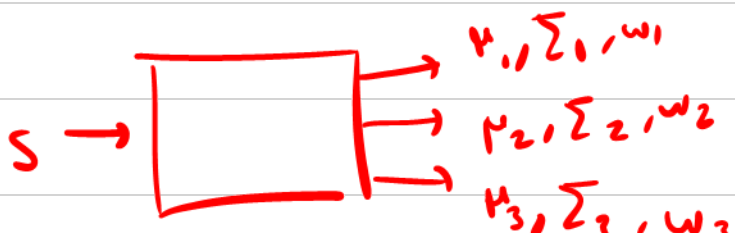
$$\pi_\theta(\underline{a}|s) = \prod_{i=1}^{d} \pi_{\theta_i}(a_i|s, a_1 \cdots a_{i-1})$$

$\underline{a} \sim (a_1 \cdots a_d)$





$\underline{a} \sim \sum w_i \cdot \mathcal{N}(\mu_i, \Sigma_i)$

$(\underline{s}, \underline{a})$