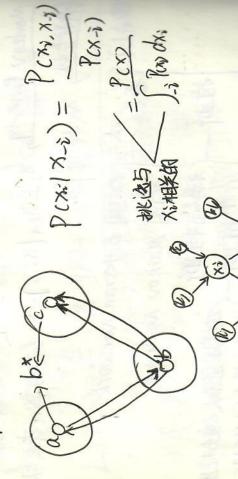
D-seperation.



HEM C Expectation Maximum) #19282.

MLE: $P(x|\theta)$ Onle= Organicx $\log P(x|\theta)$ Wazyme

Otil= argmax $\int_{\mathcal{A}} \log P(x,z|\theta) \cdot P(z|x,\theta^{(4)}) dz$ $et \rightarrow \theta^{t+1}$ Of $P(x|\theta^{t}) \leq \log P(x,z|\theta) \cdot P(z|x,\theta^{(4)}) dz$ $et \rightarrow \theta^{t+1}$ $et \rightarrow \theta^{t+1}$

(D) = JR P(Z) x, (D4) · (D9) P(Cx, Z10) dZ, - JR P(Z) (D9) P(Z) x, (D4)

Q (0,0t0) (0,0t0)

H(0,0t)

 $|| (0^{t*1}, \theta^t) \leq H(\theta^t, \theta^t)$ $|| (0^{t*1}, \theta^t) - H(0^t, \theta^t) \leq 0$

(2) Log P(x10+1) 7 Log P(x10+)