

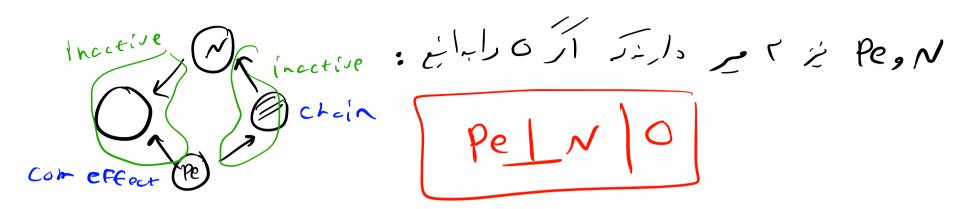
ر کی کی کاری دھار در نظر وکر ہے

/N, Pr/Pr, Pe/Pe ,0/N,0

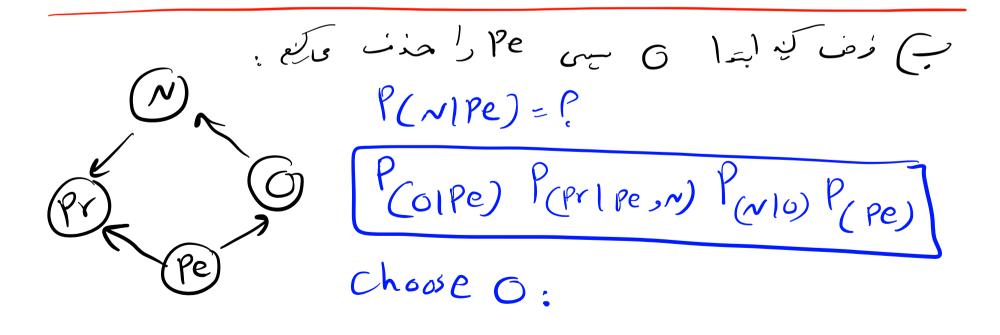
ہے، نی تو ان معل بات والم ہے،

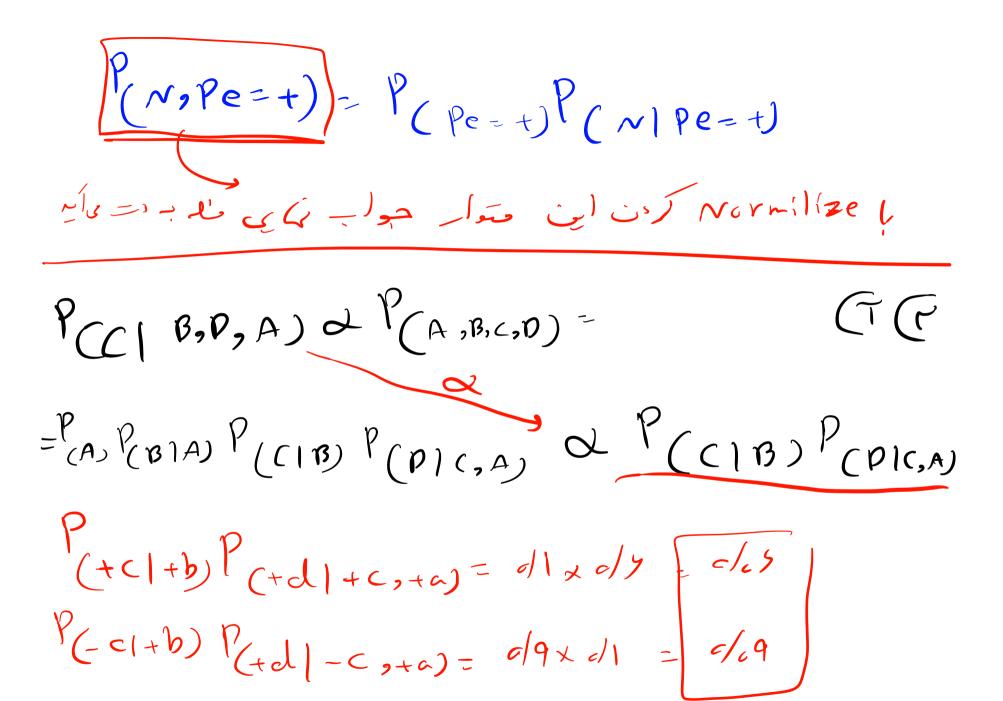


Com Cause



استان ل ک کری کر از نکل منص الے نعین الے ولی آن به معنی وابک دیر ا عنو نعا نیسے و باہم آن عابرس عود ،





م) دلنه تفی هارا بال ۲ م و x م ار نظر کرید.

A:
$$P(x, | Y) \rightarrow (d_{x-1}) dy$$

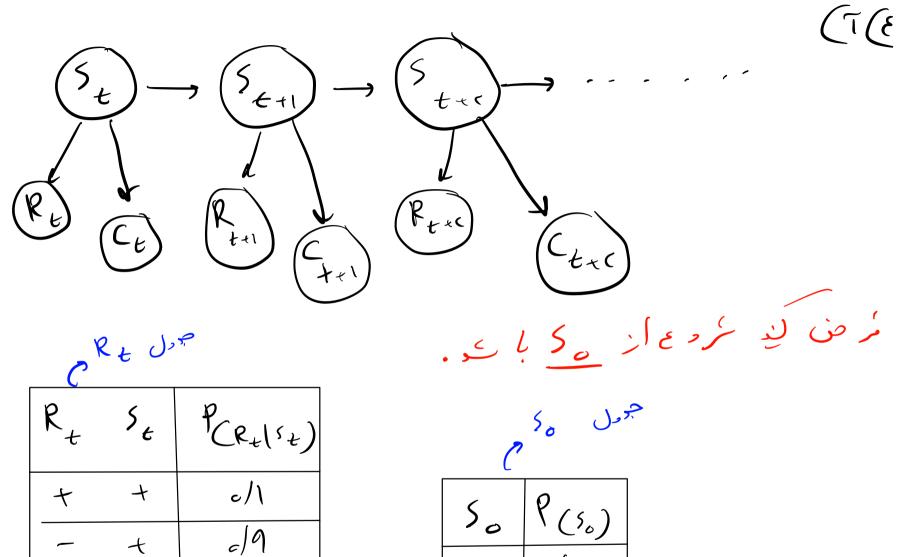
$$P(x, | Y) \rightarrow (d_{x-1}) dy$$

$$P(x \in | Y) \rightarrow (d_{x-1}) dy$$

1/(x12 -> d1-1 disdesdo-didedo $(x) \rightarrow d_{(-1)}$ + d,yd,dede - r (x) - do - ((Y/x,x,x,) -, (dy-1) d, d,d, P(9) - dy-1

dy+ P(x118)-1d1-1)dy 1 (de-1)d1dy+ P(x<1x199) -(d=1) d,dy (d=1) d,dy $P(\chi_{c})\chi_{c},y)\rightarrow (d_{c}-1)d_{c}dy$

0:



olv

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+	_	0/6
_	_	0/9

طبق ایت المایات ندرا حل ماکی،

بضى اول:

$$\rightarrow P_{(-5_1)} = -10^{\circ}$$

$$P(-s_{1}) - r_{1}, -c_{1}) \propto P(-r_{1}, -c_{1}) + \sum_{j=1}^{d_{1}} P(+s_{1}) = A + \sum_{j=1}^{d_{2}} P(-s_{1}) - \sum_{j=1}^{d_{2}} P(-s_{1}) = A + \sum_{j=1}^{d_{2}}$$

Normalize

$$\frac{1}{P}\left(\frac{5}{1} - \frac{1}{r_{1}}, -\frac{1}{r_{1}}\right) = \frac{1}{6} \frac{1}{1} \frac{1}{r_{1}}$$

$$\frac{P}{r_{1}} - \frac{1}{r_{1}} = \frac{1}{6} \frac{1}{1} \frac{r_{2}}{r_{1}}$$

$$\frac{P(s_{c}|r_{1},c,c_{1},c_{1})}{P(s_{c}|r_{1},-c_{1})} = \frac{S}{S_{c}} P(+s_{c}|s_{1}) P(s_{c}|r_{1},-c_{1})} = \frac{dN_{o}V}{dN_{o}V}$$

$$P(-s_{c}|r_{1},-c_{1}) = \frac{d}{g} P(r_{c},-c_{1}|s_{2}) P(s_{c}|r_{1},-c_{1})} = \frac{dN_{o}V}{dN_{o}V}$$

$$P(-s_{c}|r_{1},c_{1},c_{1}) \propto P(r_{c},-c_{1}|s_{2}) P(s_{c}|r_{1},-c_{1})} = \frac{dN_{o}V}{dN_{o}V}$$

$$P(-s_{c}|r_{1},c_{1},c_{1}) \propto P(r_{c},-c_{1}|s_{2}) P(s_{c}|r_{1},-c_{1})} = \frac{dN_{o}V}{dN_{o}V}$$

$$P(-s_{c}|r_{1},c_{1},c_{1}) \approx P(r_{c},-c_{1}|s_{2}) P(s_{c}|r_{1},-c_{1})} = \frac{dN_{o}V}{dN_{o}V}$$

$$P(-s_{c}|r_{1},-c_{1}) \approx P(r_{c},-c_{1}|s_{2}) P(s_{c}|r_{1},-c_{1})} = \frac{dN_{o}V}{dN_{o}V}$$

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$$P(-s_{c}|r_{1},-c_{1}) \approx P(r_{c},-c_{1}|s_{2}) P(s_{c}|r_{1},-c_{1})} = \frac{dN_{o}V}{dN_{o}V}$$

$$P(se | r_{1}, e, c_{1}, e)$$

$$P(se | r_{1}, e, c_{1}, e) = E P(se | se)$$

$$P(-se | r_{1}, e, c_{1}, e) = a/6905$$

$$P(se | r_{1}, e, c_{1}, e) = a/6905$$

$$P(se | r_{1}, e, c_{1}, e) \approx P(r_{e}, c_{e} | se)$$

$$P(-se | r_{1}, e, c_{1}, e) \approx P(r_{e}, c_{e} | se)$$

$$P(-se | r_{1}, e, c_{1}, e) \approx P(r_{e}, c_{e} | se)$$

$$P(-se | r_{1}, e, c_{1}, e) \approx P(r_{e}, c_{e} | se)$$

$$P(-se | r_{1}, e, c_{1}, e) \approx P(r_{e}, c_{e} | se)$$

$$P(-se | r_{1}, e, c_{1}, e) \approx P(r_{e}, c_{e} | se)$$

$$P(-se | r_{1}, e, c_{1}, e) \approx P(r_{e}, c_{e} | se)$$

$$P(-se | r_{1}, e, c_{1}, e) \approx P(r_{e}, c_{e} | se)$$

$$P(-se | r_{1}, e, c_{1}, e) \approx A/9$$

$$P(-se | r_{1}, e, c_{1}, e) \approx A/9$$

$$P(se|s_{i,e}, c_{i,e}) \rightarrow c_{i,e} c_{i,e} c_{i,e}) + c_{i,e} c_{i,e} c_{i,e} c_{i,e} c_{i,e} c_{i,e}) = c_{i,e} c_{i,e}$$

$$P(+se|s_{i,e}, c_{i,e}) = c_{i,e} c_{i,e}$$

$$P(-se|s_{i,e}, c_{i,e}) = c_{i,e} c_{i,e}$$

P(5c (r,,, c)) t=イ いん P(re, (e) se) = 2 P(re, (e) se) P(se) > P(re, (e) - se) = 21cm P(s((r_{1.e},c_{1.e}) & p(s(1r_{1.e},s_{1.e})) P(r_e,c_e 1s_e) -> P(+5c | rive) do/ocor , P(-5c | rives cire) & oller Normilze P(+5c(river(ne)= 6/1eA) P(-5c(river)==)//5c

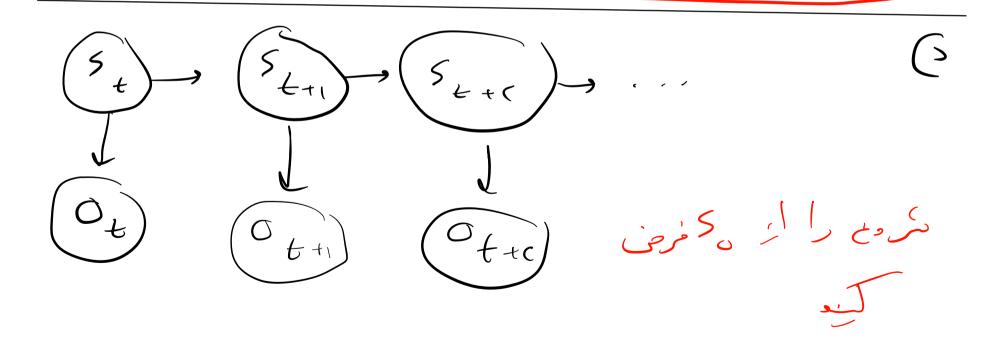
$$P(s_{k}|o_{1:n}) = P(s_{k}|o_{1}, a_{n}) = P(s_{k}|o_{1}, a_{n})$$

=
$$\sum_{k+1}^{\infty} \binom{o_{k+1}, k_{k+1}, s_{k}}{c_{k+1}, s_{k}} \binom{s_{k+1}, s_{k}}{s_{k+1}} \binom{s_{k+1}, s_{k}}{s_{k+1}, s_{k}}$$

السی حرن یت دار سے :

(5kl r , Sin) Q

P(5k|r1:k) \(\frac{5}{5k+1}\) \(



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_	_	oln

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+ -	Ŧ	c/. ^
- +	+	c) IN
	+	elvr
+ +		c/cn
+ -	_	c) Er
_+	_	e/1r
	_	<i>-</i> /\^

- , l' (o)

(C) (C)

 $X_{t} = 9$ P(A=0N[X=91)P(B=0FE[X=2])P(C=0N[X=2])P(D=0FF[X=2])Perticle weight X+=C 1 x d7 x d6 x = 15 = 0 166 X+= 17 de + ds + dt + 6 = 0 ×t=18 of x ds x1x ds = 0/188



$$X_{t} = 9t \quad P(A=0N|X=9t) P(B=0FE|X=2) P(C=0N|X=2) P(D=0FF|X=2)$$

$$Y_{t} = 0$$

$$X_{t} = 0$$

$$P_{(\chi=11)} = \frac{\partial 1}{\partial 1} = \frac{\partial C}{\partial 1} = \frac{\partial C}{\partial 0}$$