Procasination: Pn Overthinking: Ov (7)
Perfectionism: Pe Negativity: Ne

P1. On I Pr | Pe, Ne - Guaranteed

2. Pe I Ne | On - T Guaranteed

P(Ne, Pr, On, Pe = True) = Mext = P(Pe)x P(On/Pe) x P(Ne/On)x P(Pr | Pe, Ne)

Plastrae / A Monte structe Mileton & Plos Designes Me)

P(Pe=True) x EP(Ne/On) x P(On/Pe+True) & P(Pr/Pe=True, Ne)

P(+c|+a,+b,+d) = P(+c,+b,+d,+a) (T

P(+a,+b,+c,+d), P(+d)+c,+a) x P(+c|+b) x P(+6/+a) x P(+a)

= 0,6 x 0,1 x 0, 8 x 0,5 , 0,024

P(+a, +6, +d) & EP(+a, +6, +d, C) & GOD+ P(+a, +6, -c, +d) + P(+a, +6, -c, +d)

- 0,024 + P(+d/+C,+a) x P(-c1+6) x P(+6/+a) x P(+a):

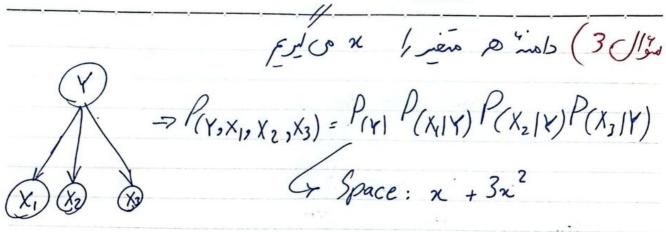
= 0,024+0,1×0,9x0,8×0,5=0,024×0,036=0,06

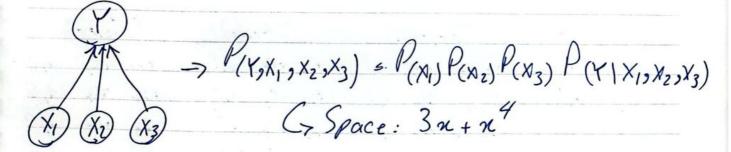
=> P(+c|+a,+6,+d) = 0,024 = 0,4

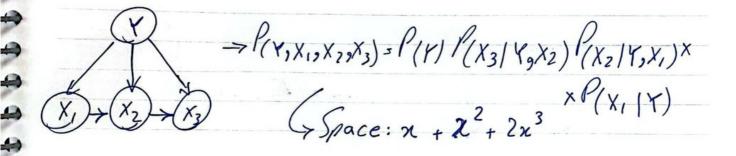
- IB=+6 jibos vil i soi! Rejection Sampling\_

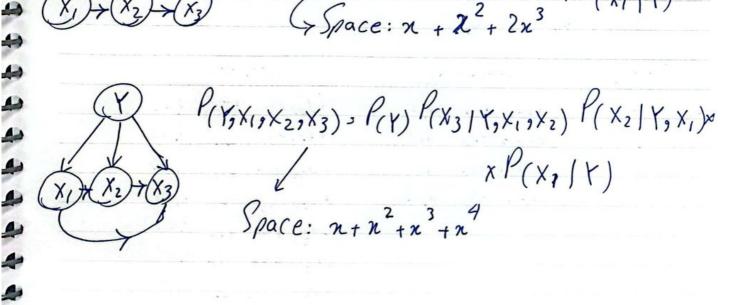
1. Now co >1 {+a 1-b}, {-a -b} Sample , = 13

=> P(+a/+b,+d) = 0,08+0,08+0,48 = 0,64 = 0,696



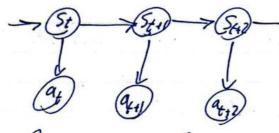






P(S+)	
456	0,6
-st	0,4

$$\frac{P(S_{6}|S_{4-1})}{+S_{6-1}+S_{6}} \frac{P(R_{6}|S_{6})}{+S_{4}+r_{6}} \frac{P(R_{6}|S_{6})}{+S_{4}+r_{6}} \frac{P(R_{6}|S_{6})}{+S_{4}+r_{6}} \frac{P(R_{6}|S_{6})}{+S_{4}+r_{6}} \frac{P(R_{6}|S_{6})}{+S_{4}-r_{6}} \frac{P(R_{6}|S_{6})}{+S_{4}$$





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PABCI

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W: SP(A SQN, B=OFF, (=QN, D=OFF) =

= PIA=ON/X+=n)xP(B=OFF/X+=n) XP(C=ON/X+=n) x P(D=OFF/X+=n)

XE=13 -> WE W = 26x 0,4 x0,6 x1 x 0,6 = 62096 0,144

X = 12 = w = 0,4x0,6 x 0,4x0 = 0

Xt = 2 -> w = 1 x 0,6 x 0,4 x 0,6 = 0,144

XE = 13 = W = a, 4 x 0,6 x 1 x 0,6 = 0, 144

Xt = 12 -> W = 0,4x 0,6 x 1x0 = 0

Xt = 2 -> W = 1x 0,6x 1x0,6 = 0,36

P(X6=11) = 0,16 = 0,16 = 0,32

Exp(X=11)= n P(X=11) = 32

12.