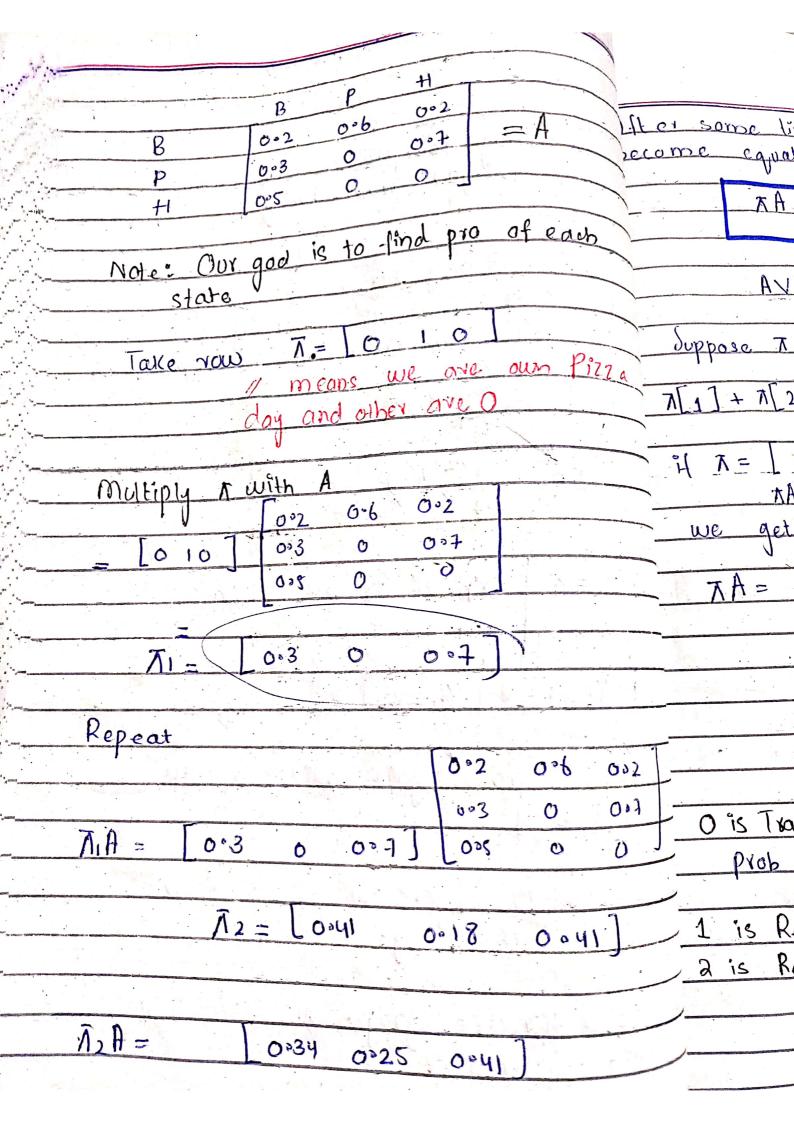
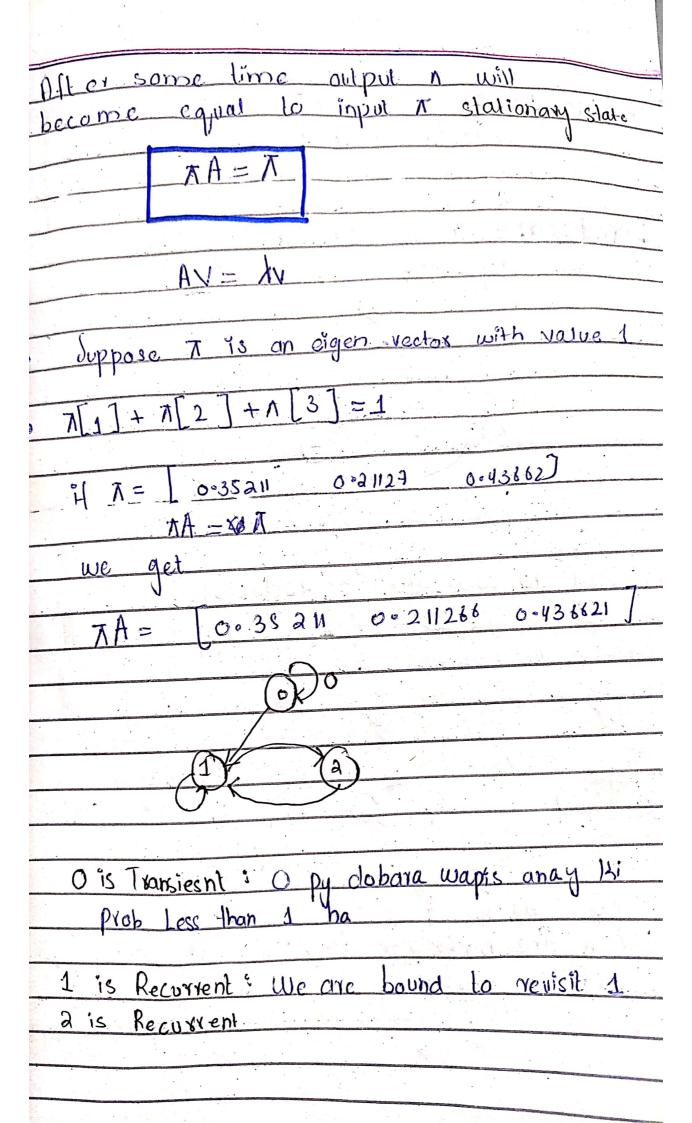
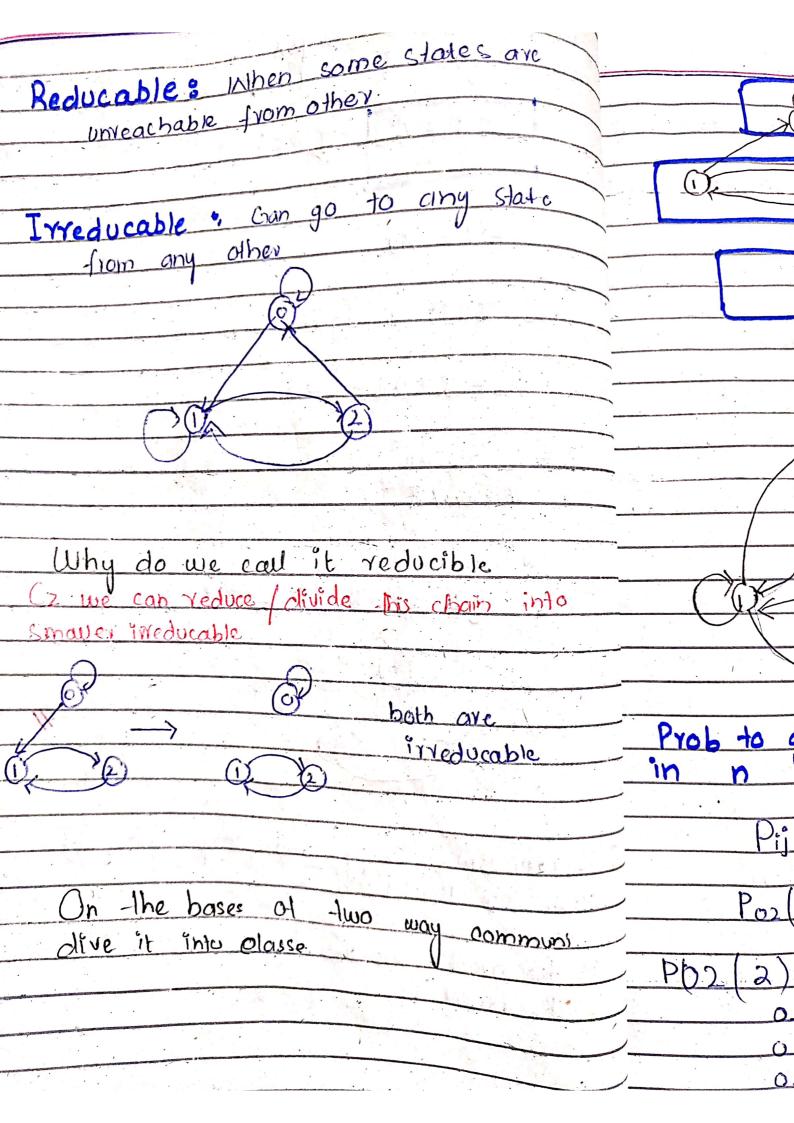
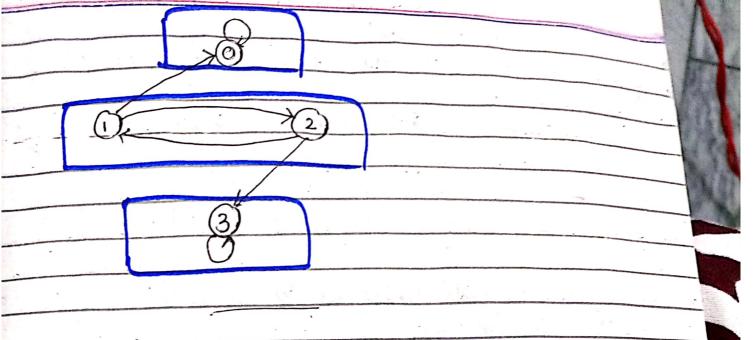
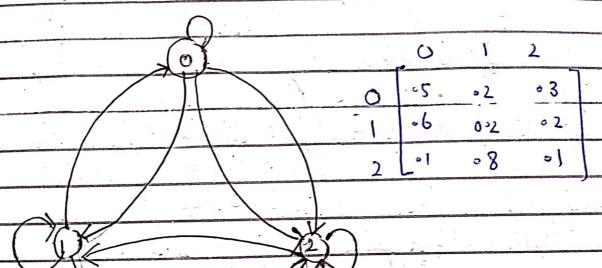
HMM
Markor Chain:
There is a way to predict tomorrow
There is a way to predict tomorrow based on it you know today
0-6 B
1/ loday they are serving burger
P and there is one probability that yester tommorrow will be a pizza da
0.6 Br 0.2 Future state
P 002 VAI) depends on current state
007 05
D(v · - x) v · v · v · v · v · v · v · v · v · v
$P\left(X_{n+1}=X\right) = X_{n-X_1} \times X_{2-X_2} \times X_{n-X_2}$
$P(X_{n+1}=X\mid X_{n}=X_{n})$
Should be 1
chain in better way
an adjancey moutrix











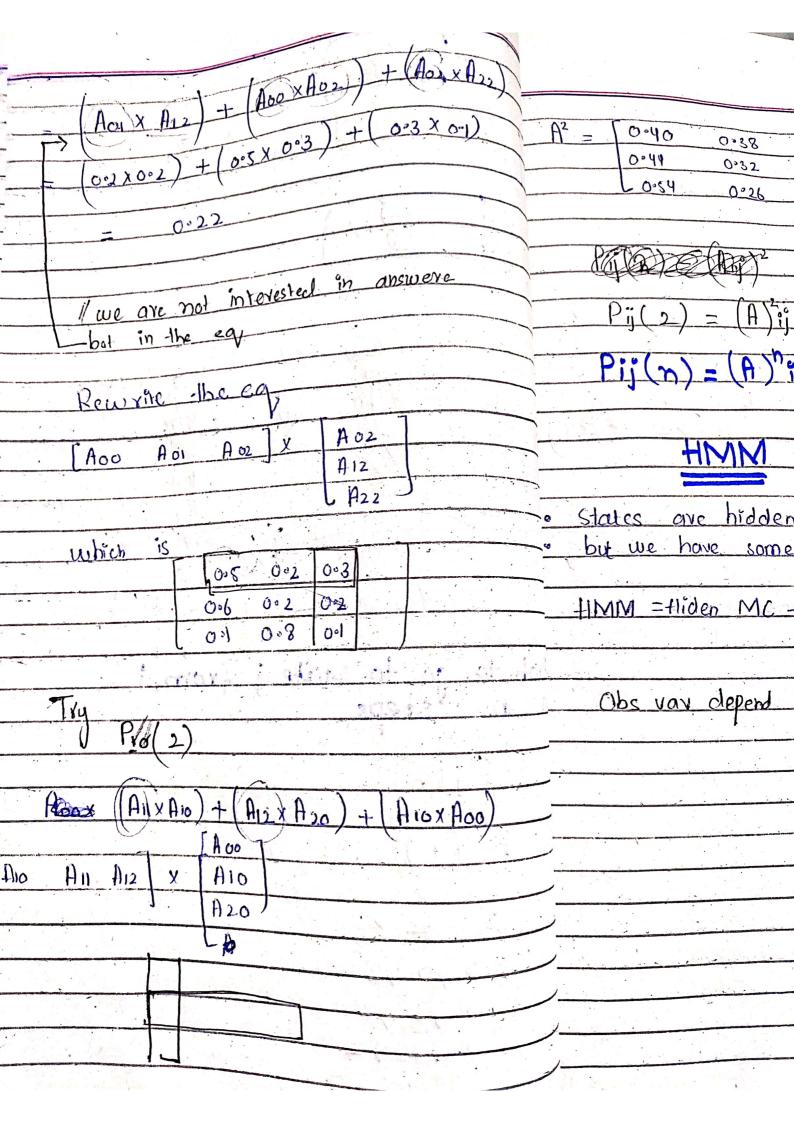
Prob to go to state; from in n steps

Pij (n)

Po2(1) - 0.3

P(0) = ?

 $0\rightarrow 1\rightarrow 2$



$$P_{ij}(2) = (A)^{2ij}$$

$$Pij(n) = (A)^{n}ij$$

MMH

- · States ove hidden
- · but we have some observed vari

HMM = Hiden MC + Obs Var

Obs var depend on todays weather

