0	W	Pago
+	+	0/40
-	+	0/1
+	=	0/00
-	-	0/8

A2 Gil Join ogh - is (1

eliminate 1,0 0 just

$$P(R) \neq P(R) \neq P(F|O) \qquad P(F|A) \neq P(F|A) \neq P(F|A) \qquad P(A|F) \qquad P(A|F) \qquad P(A|F) \qquad P(A|F) \qquad P(A|F) \qquad P(A|F) \qquad P(O|A) \qquad P(O|A$$

CA2 Aloloolum HMM: [C= [ora ora ora ora] B = [ 0/N 0 0 0/Y ] 5 0 0/1 0/9 0 0/Y ] 4 A = [ 0/4 0/1 0 0/0] S 0/4 0/1 0 0/0 0/5 0 0/1 0/0 0/4 0/8 h  $O = \{B_9B_9L_9H\}$   $P(6) = \{a_{\epsilon}(i), a_{t}(j) = \{a_{\epsilon}(i), a_{t}(j)\} = \{a_{\epsilon}(i), a_{t}(i)\} = \{a_{\epsilon}(i), a_{t}(i$ Q1(5)= T(5 b5 (B)= 0/Yax 0/N= 0/Y a1(a)= Raba(B)= 0/60x0= 0 al(h) soundiffer = 0 ai(Y)= 0/10x 0/7=0/04 ar(5) = a1(5) a55 b5(8)+a1(1) ax5 b5(B)= 0/0 48+0/001 = °/VY ax(Y) = [0/1x0/0+060x0/4]x0/4=0/014 ar (a) = arch) = 6 arcs = arcs) assbs(L) + ar(r) arsbs(L) = { olovexole+olorexoly at (x) = [ 0/0 VYX 0/2 + 0/0 YX 0/4]X 0/V= 0/0 MY/ 0/00 YX ar(a)= arch) = 0 ac (a)= { 0/0041 x 0/1+ ofot 411x 0]= 0/00.41 a e (5) = ae(x)=0 as (h)= [ elew toxo+ olocultx olt)x4/ Y(0) = 01000 M + 01000 VYYE = 0/00/60 48 (

العرعل لترارى 1000 IVF

Y (1)= 2x (1) Bx(1)
==

BE(S)= BE(a)= BE(b)= BE(a)=1

By (5)= = a 5, b (H) BEG)= 0/1

Br(V)= 0/04

VI(5) = 125bs(B)= 0/Yax 0/1 = 0/4

VICY)= (TYDY(B) = 0/00

Ty(5)= V1(5) asshs(B) = 017x0/6x0/n = 010x6 (12) X6/N

Vx(Y)= V1(5) 9, xh y(B)= 01/x0/0x0/1=064 V+(5)=V+(5) asshell= 0/648 x0/8 x0/14= 0/0-014

Tr(V)= W(5) asy bycli= 0/0446

VE(a)= Vr(5) asaba(H) = 0/000014 VECH)= Ve (x) Of pr(H)= 0/000 EEN

JECV)= VECS) =0 ٩ و ۶ و ۶ و کار ال

 $\rightarrow \beta_{t(1)} = \begin{cases} N & \text{a is by (641)} \\ \beta_{t+1} & \text{otherwise} \end{cases}$ 

V1(a) = V1ch) = 6 = 17h bh/B)

W(a)= W(h)=0