P(h=1,v)= P(v,1) = EP(v,h) h ∈ {0,1} -> [P(4,h) = P(4,0) + P(4,1) P(h=1,U) = P(v,0)+P(v,1) = 1+ P(v,0)
P(v,1) exp(-E(4,0)) P(V,0) exp(-E(4,1)) exp(-E(4,1) P(V,1) E(V,1) - E(V,0) E(v,0) E(v,1) 50-VW-80-Ch E(v,1)-E(v,0)= -> let x = vTw+cTh $-V^{T}W-C^{T}h=-X=7E(v,1)-E(v,0)=-X(3)$ Sub (3) into (2); e (v,1)-E(v,0) = e Scb (2) into (1): P(h=1,v) = 1+P(v,0) 1 texpl-x