= I forward, it x trossion, x emission, (xi) backward kii = E backward Litt X transition Kx x emission (xi) forward K, 1st step = stario trang probability forward sink tonwardk, ix transitionk, exemission 2 (4:41)

x backwarde, i+1

forward the forward sinh = 5 forward, las ster transition Ket = 17 Transition sum (TX sum (TX X (data -.