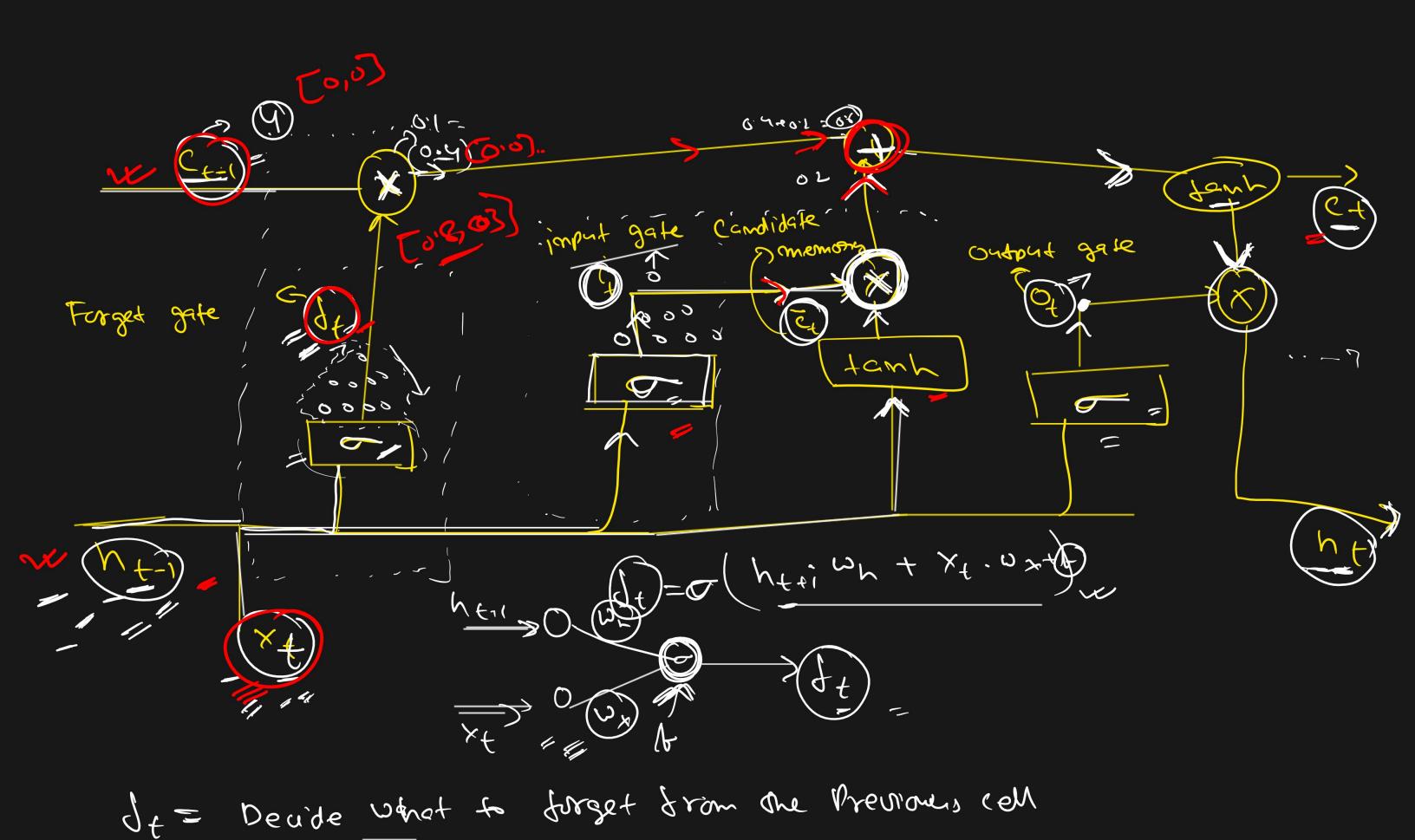
RMM - Recurrent News 1 Network. W K 3.25bm ×3 **D**-·21pm) X- O Of 0661 04-1 W RMM 441 ht-1 ht ×t



ht-1  
Duxi bi  
Yt

$$\tilde{v} = -(h_{t-i} \circ h_{i} + x_{t} \cdot \omega_{x_{i}} + b_{i})$$
 $c_{t} = tenh(x_{i} \omega_{c} + h_{t} \cdot \omega_{c} + b_{c})$ 

-> De cide what new information I drove to stre

-> Decide what to output as a new hidder state

$$\frac{\partial \mathcal{L}}{\partial \omega_{i}}$$
,  $\frac{\partial \mathcal{L}}{\partial \omega_{i}}$ ,

$$\left(\omega^{\xi} - \omega^{\xi-1} - \omega \right) = \frac{9\pi^{\chi}}{9\pi}$$

wy, wi, wo, wo

$$37 = 2(85.33)$$

$$= (85.33)$$