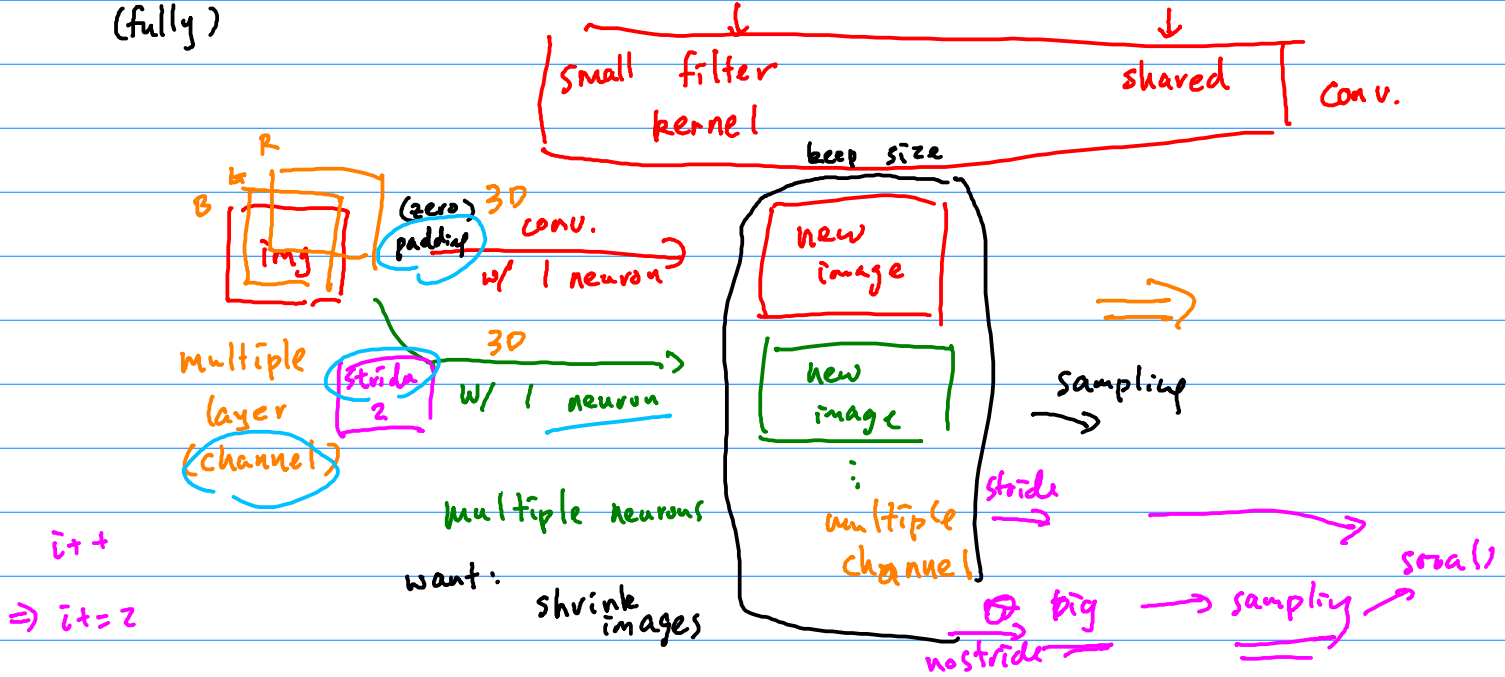


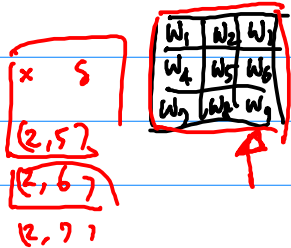
CNN (light introduction)

* all connections (fully) \Rightarrow locally connected & translation invariant

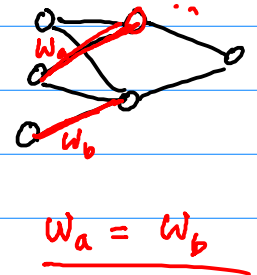


$i++$
 $\Rightarrow i+=2$

* tech challenge: weight coupling



operate on whole image
 $E(P_1(w), P_2(w), P_3(w))$



back prop ..

weight coupling sharing
 (2 backprop grad.)

stride 2

