



cally connect?

Solution

$$y_{ijk} = \sum_{i=1}^{L} \sum_{j=1}^{J} \sum_{k'=1}^{K} w_{ijk}^{i'j'k'} x_{i'j'k'} x_{i'j'k'} + b_{ijk}$$

$$j = 2 + o J - 1$$

k= 1 to k,

Nparams = [(I-2)(J-2)k2]x(Ix]xk,) Nmultiplications = (1-2)(J-2)k2 x1 x1x1xk,

(b) Q : CNN 3 x 3 x K,

Colutia

Nparams = (3×3×K1)×K2

Nmult = (Z-2)(J-2) K2 x3 x8,

(1) a differences?

Solution

Dp a ramelers	fully connected massive	CNN significantly fewer n
otraining time omenomy requirement	longer	fast
@multipli-	higher a large number	lower
Googluring local pattern	less effective	eff ectively