

0

convolution 1 0/P:

olp size calculation

for RGB depth = 3

I/p image = 227 x 227 x3

Stride = 4

filter = 11 x 11

Kennel / no of filters = 96

 $|p| = \frac{n-f}{s} + bias$

 $= \frac{2a7 - 11}{4} + 1$

55

Because no of filter

96, so it creates

: 0/P size = 55 x 55 x 96

96 activation map.

80 depth = 96

parameter calculation

filter ((n×n xdepth)+1) * No of filters

= ((11×11×3)+1) × 96

= 34,944