Lecture 5

Terms:

Filter Size
$$-F$$
, padding $+ -P$

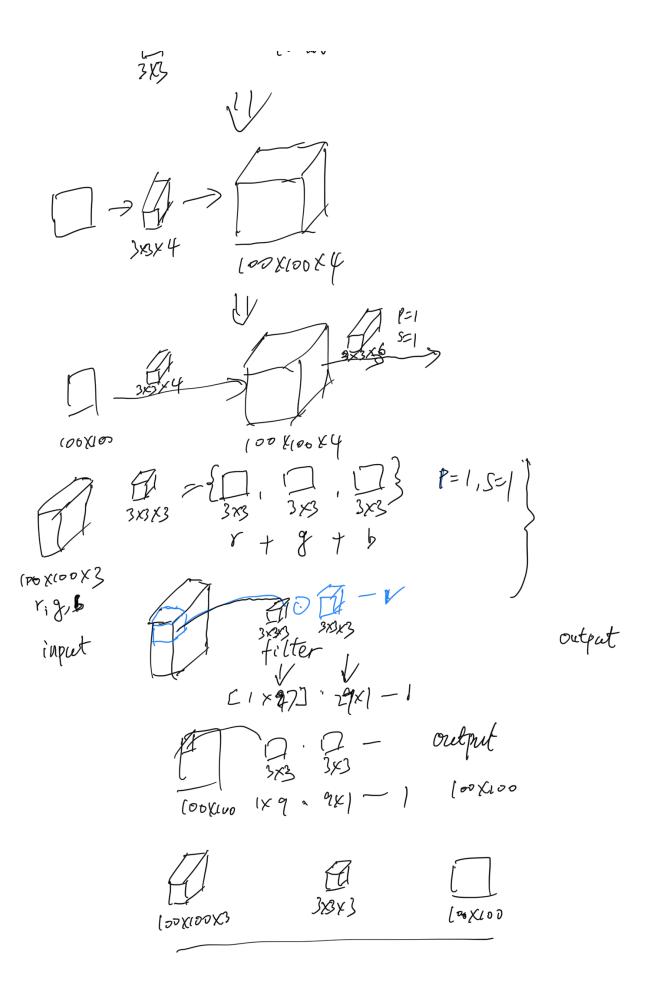
Stride $-S$, Filter $+ -D$
 $D=1$, input image is $W \times W$

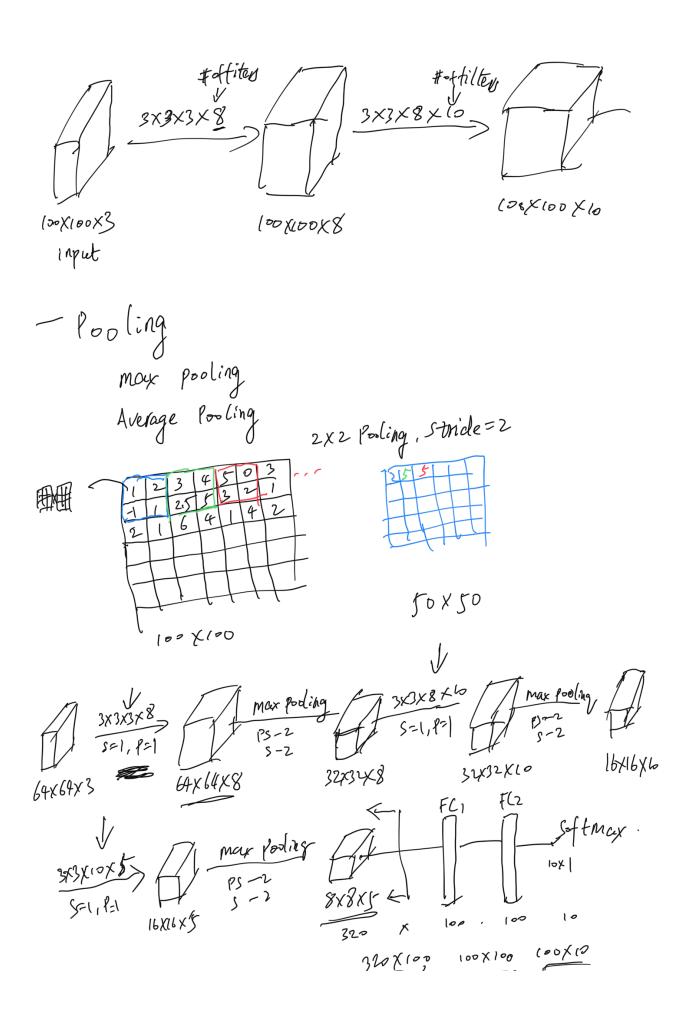
out size is $(W-F+2P)$ $+1$
 $W=100$ filter Size $F=5$, $f=0$, $S=1$

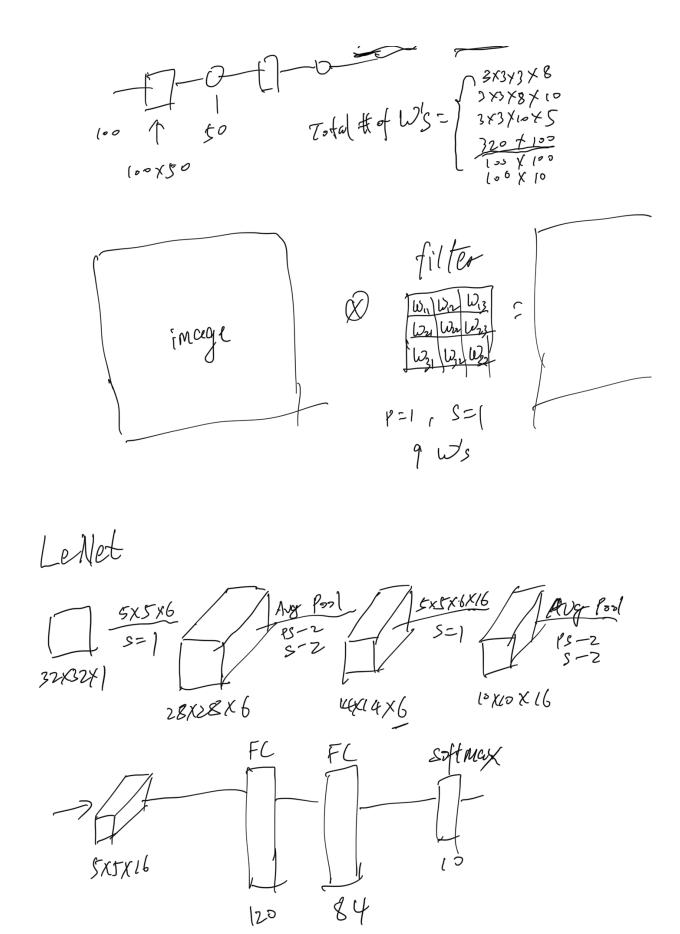
output Size $\frac{100-5}{5}+1=96$

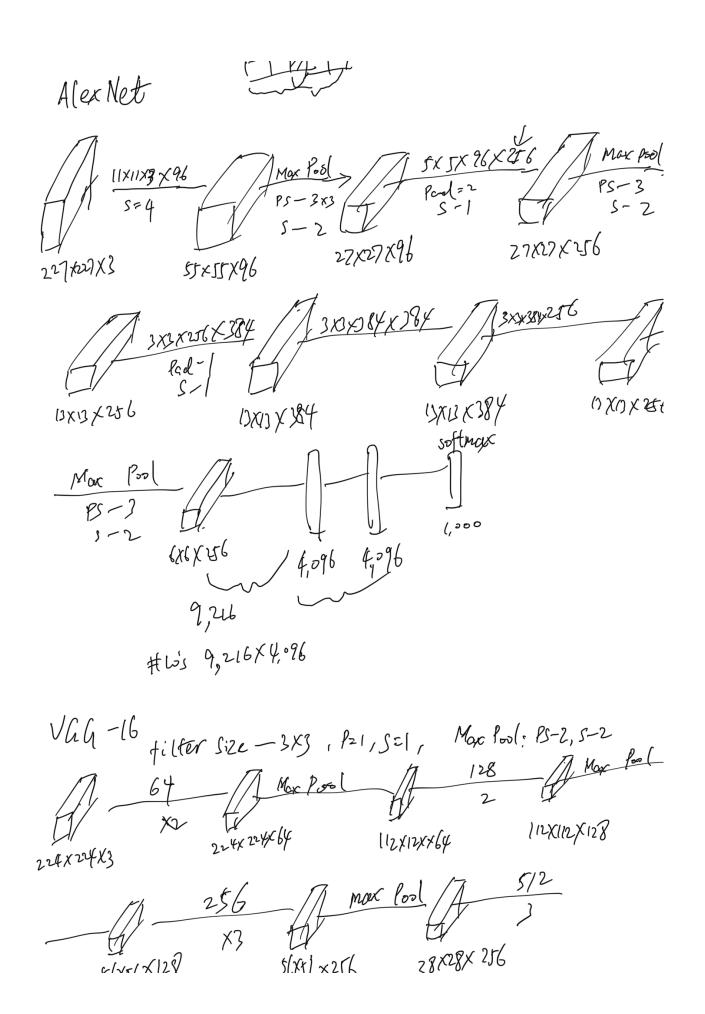
output image is 96×96
 $P=2$
 $100-5+4+1=100$

Filter $+P=1$
 100×100
 100×100









P-61 14x14x12 14X14 X5/2 Pool 7x7x5/2 Soft mex]
(500