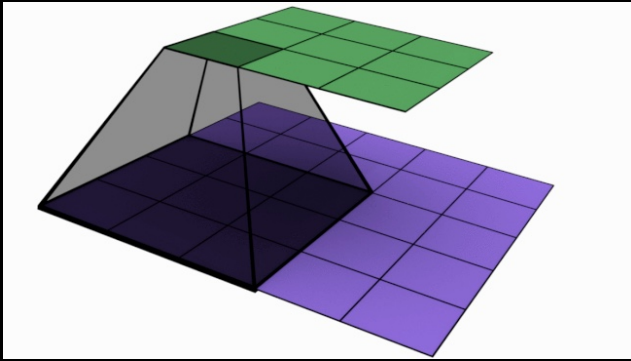
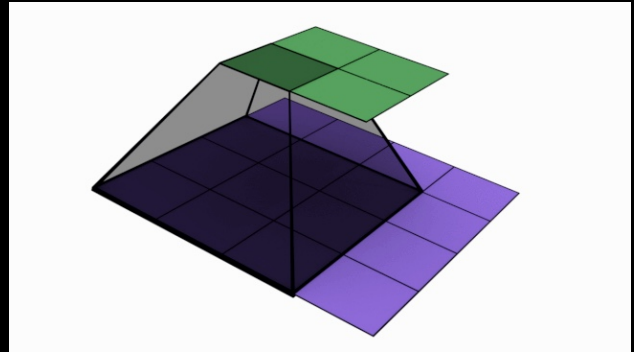


Filters
Kernels
Feature Extractors



Filter Size :- 3×3
Input :- 5×5
Output :- 3×3



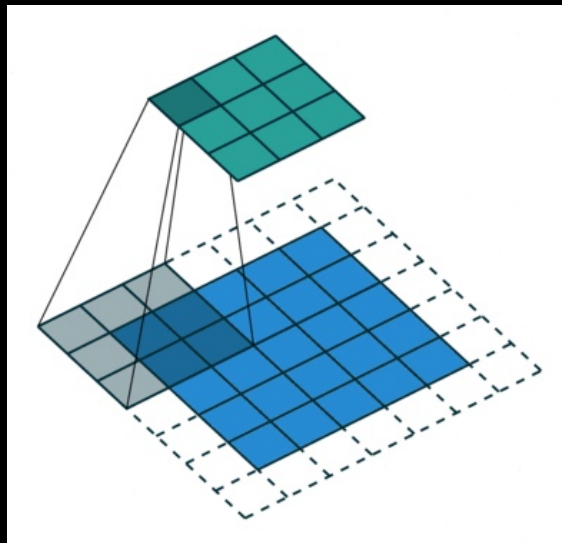
Filter Size :- 3×3
Input :- 4×4
Output :- 2×2

Filters

Size :- 3×3 , 5×5 , 7×7 (Odd Size Filters)

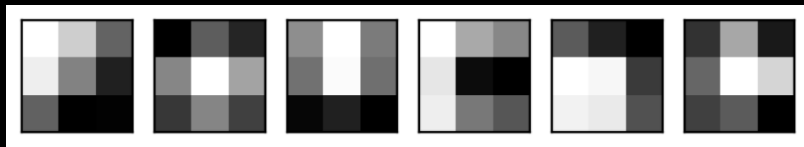
Depth :- Colours (RGB) i.e 3 or more

Stride :-



By default = 1

Stride = 2



3x3, 6 Filters

9 values

1	2	3
4	5	6
7	8	9

updating values

↓
Backprop

Learning Filters