

ALEXNet.

Equation: W-F+2P) F: Filter-size.

St) S: Stride

Cou_No	luput size	K_No	k. Size	podding	Stride	Output size
Csul	(3,124,124)	96	11	(1,2)	4	(96, SINST)
Max	(96,55,55)	96	3 .	(0,0)	2	(96, 27,27)
Cou2	(96,27,27)	25 b	5	(212)	1	(256, 27,27)
May	(256,27,27))56	3	(5,0)	2	(256,13,13)
COUZ	(25b, (3,13)	384	3	C1,1)	1	(386,13.13)
Covy	(384,13,13)	384	3	(1,1)		(384, 13, 13)
Covj	(384-15,15)	25b	3	(1,1)	1	(25b, (3,13)
Maxs	(256,13,13)	724	3	(0,0)	2	(>36,6,6)
FUI			20168			
FUV			7048			
FLY			1000			

Features of Alex Net. 1- Rely Non linearidy Rellis faster than tanh(x) 2. Training on Multiple UPU. 2. Local Response Normalization (LRN) Equation: $b_{xy} = a_{xy} / (k+\lambda \sum_{j=max(0,j-n/2)}^{min(N-1,j+n/2)} \beta$ alogies theith active neuron computed by applying Gernoli cot position (x.y) N'is the dotal number of kernels in the layer. LRN inspired by Real Neuron, it a compitition from - Y Honorer, in 2015 Wery deep Consolutional Networks for large Scale Image Recognition), CRN was been proved invalid with memory wasting.