

(3,5,4) - Tenson (3,40) -> Filter 3+-fixed for considering Penson x, y -> ditermined by owner =7, Response Tenson @ Filter nxfilten=nxReyones of the lexions so, Response shape (#of filten, n,c) number of filter (e, Noi, A(i) - Fenson (c, 12, (2) -> Filter (ch, n3, Rs(3) -> Response ch = Number of filter.

conv-1 48,11,11 strict=4 Output =>48,55,55 48,55,55 Maxpooling Regim(2) 3×3 Strict 2

55-3+1=27

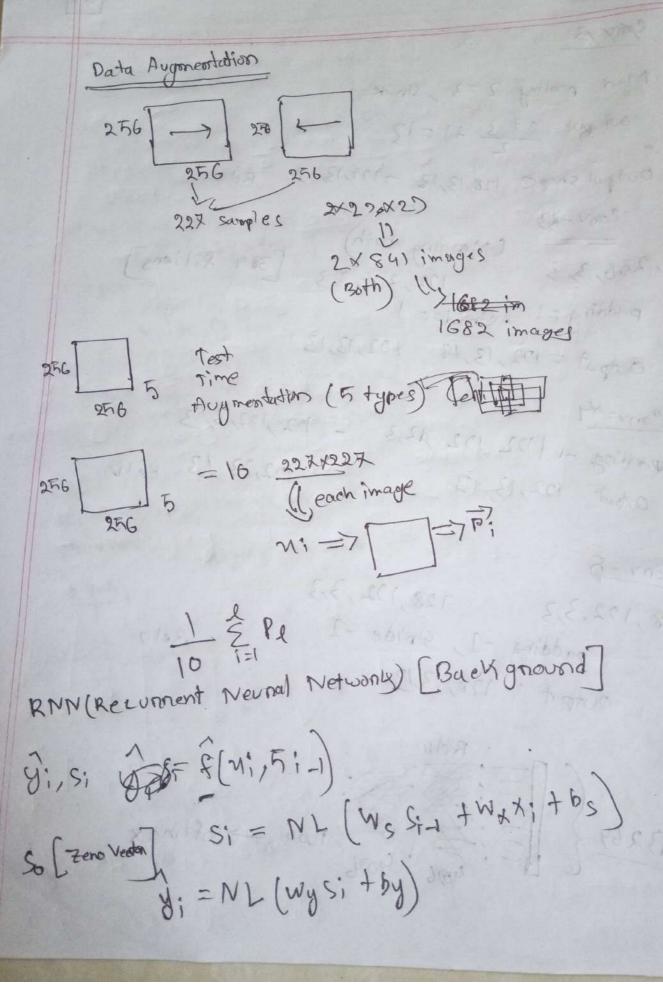
Images Net paper Input layer 3,227,227 AlexNet puper Conv-1 48,11,11 48,11,11 Stride = 4 Output => 48,55,55 - 6,001 48,55,55 - enov-2 Max pooling Region (3) 3×3 55-3 +1 =27 stride 2 0 April shape 48,27,27 -6,1PU-C Relu 48,27,27 - COPU-2 128,48,5,5 128,48,55 Conv-2 Stride=1 Regions (2) 5x5 27-5+1 = 23 with padding > [22+29-5 +1 = 27 P=2 3(27+2x2-5) +1222 with padding 22 128,27,27 128,272

1100

Max pooling 2=3, Strick=2 - But put  $\frac{17-3}{2}$  +1 = 13 Output shape 128,13,13 -128,13,13 Rel U (Manging both)
[384 filters] padding = 1 , stride = 1 Outp A = 192, 13, 13 192, 13, 13 Conv-44 - 102/102,3,3 pading -1 [192,192,43,3 - 102,192,3,3 192,13,13 Relv Ponv-5 128,102,3,3 128,122,3,3 padding -1, stride -2 Relu

43264 { = 1000 -> Softmax

output: 128, 13,13





S; = N L 1 (Ws. Sit, +Wx X; + bs) g; = NL 2 (wy s, +by) ( V10, 1/2 Y2 (M1, M2, M3) So is Zeno vector (81, 40, 83) S, =NL, (WSSO +WNM, +Ds) ig = NL2 (wys, +64) SZ = NLI (WSS, + WWW.+bs) J2 = NLI (NyS2 thy) S3 = NL 3 (WS 52 + Wx M3+by) J3= NL (Wy Sy + by) L= = = [n(11(y),y)) + = (1011(y2) +n11(y2))

NER -> Named Entity Recognition.

