$z_i = \omega_1 x_{i-1} + \omega_2 x_i + \omega_3 x_{i+1},$ Z1 = W, X2: -2 + W2 Xe: -1 + W3 X2; Ce. Use Jornula: input index = S(i-1) + d(j-1)

Theree

output position index X3 X4 X5 K6 6. χ, XZ h w21 W3 ws hz WI I WE ಬ್ವ W1 1 WZ 1 MS WI I WZ Wg W4 WI I WZ ws 45 1, w W3 **لم** 6 WE I WE 47 WE | W5 | WE 60 Wa / W5/ W6 65 We WL hio \ W5 (W4 \ W5 | W6 hy 612 W4 8. For the 183 layer: 3X3X4 = 36 weights For the second layer: 4 X 5 X 10 = Loo weighs. Core bias per output channel).

10. Firstlayer: 1+ (7-1) = 7 Second layer: 7+ (7-1) = 13 Third layer: 13+(7-1) = 19 = receptive field 1819 12. Each step books at 100 of the dets.
400
We take 600,000 steps - 80 it sees the data. 100 000 = 2500 epochs. 14. Number of weights: 5x5 &3x10 = 750 Number of b, aseo: co