DT convolution. Z[n]= X[n] * Y[n] = \(\Sigma\left[n-k]\) = 5 yer X[n-k] Ex) >([n] = {0,5, 2} h[n] = {[, [,]] < h[o, 1,2] YENJ = XENJ X HENJ = £ X[R]h[n-R] = X[0] h[n-0] + X[1] h[n-1] = 0.5 h[n]+ 2 h[n-1] JEOJ = 0.5.1+2.0 = 0.5 7[1] 05.1+2.[= 2.5 $y_{[2]} = 0.5x_1 + 2.1 = 2.5$ $(13) = 0.5 \times +2 \cdot 1 = 2$

$$\frac{1}{2} = \frac{1}{2} = \frac{1$$

$$= \frac{100}{100} = \frac{100}{100}$$

16+ 9x 3×4 3×2 8 SCH S S 0 4/1/