= \$\frac{1}{2}\r(\frac{1}{4})^{n+} \r(\frac{1}{4})^{n+} = \frac{1}{2}\rangle \frac{1}{2}\rangle \frac{1}{4}\rangle \rangle \frac{1}{4}\rangle \frac{1}{4}\rangle \rangle \frac{1}{4}\rangle \rangle \frac{1}{4}\rangle \rangle \frac{1}{4}\rangle \frac{1}{4}\ra = [2x1/1-1/11] WIN] = = = (=) 2(14) 7.7 WEN]-= WEN-1]= A yEN] - B yEN-1]- - 4 yEn-1]+ B yEn-2] = 4[n] - By yen-1] - 1 yen-1] + 8 yen-]=xen]. -. 4 [n]= x[3] h[n-3] + x[4] h cn-+] + x(5] h cn-5] + 4 yen = = = (3) + uen+p] = { 2 n > 0 x[6] h[n-6] + x[7] h[n-7] + x[8] h[n-8] 12-17 = - 4 Mn-13 - 8-4[n-2] YEN] = XENJ*h[n] = = xEKJh[n-k] yeng = xeng * heng = \$ xekg hen-kg. E1-174 8- 4 ENTY 4 - ENTW tal yind=ayin-17+ Bwind = \frac{1}{5} + U[-k-1]U[N-k-1] 1 (3) k W[n+ki] = (3)-* U[n-k-1] 12011124 13机部

= x = 03 h [M = + x = 1 h = 1 + x = 2 h = 1 + x = 2 h = 1 + x = 4 h = 1 = hing + hin-13+ hin-23+hin=33 + hin-4] (C) for ne6.

y(n] = 4" { \(\frac{2}{k^2} \) \(\frac{4}{8} \) \(\frac{2}{8} \) \(\frac{2} \) \(\frac{2}{8} \) \(\frac{2}{8} \) \(\frac{2}{8} \) \(\frac{2}{8} \) \(\f 4503 = 4" {\$ (2) k - \(\frac{1}{2} \) \(\frac^ -. y [n] = { (\frac{\beta}{9})^{\struck} (\frac{\dagger{\dagger}{\dagger})^{\struck} + \frac{\alpha}{\dagger})^{\struck} n \le 6 1d). yen = = xckIhint]

YENI 0,100

yinz= (at=)yin-13- 2 yin-21+ poxix]. 52 : yEn]= \$ yCn-17 + WIn]. 5, : WINJ = = WEN-13+XEN] N=7.8=1.

hrn1 = h.[n] + h.[n] = \$ h.[k] h.z[n+]