x[n] = 8(n]+18[n-1]-8[n-r] h[n]=18[n+1]+18[n-17 Y, [n] = x [n] * h[n] شهادت حضرت امام على النفي الهادي عليه السلام (٣٥٤ هـ ق)

Yr [n] = or [n+r] * h[n] Yran

distributed to the transfer

Xr [n] = x [n] * k [n+r] >1 Cn] h[n+] /p [n]

$$x[n] = \begin{cases} 1 & 0 < n < q \\ 0 & 2W \end{cases}$$

$$h[n] = \begin{cases} 1 & 0 < n < N \\ 0 & 0 < N \end{cases}$$

$$x[n] = x[n] + h[n]$$

$$x[n] = x[n]$$

$$x[n] = x[n] + h[n]$$

$$x[$$

= > 2[k]q[n-1k] u[n] u[n-E] = 25(ki) U[n-1k) > Y[n] = 1 + Y[n-1(1)] Y[n]=u[n-r]_u[n-9] T- 15 1A 1Y 19 10 10 17 17 13 1- 4 A ... 5 5 7 7 1 1

X[n]-S[n-1]un lie 9 Ym]= 5 (8 [4-r] fu[n-ra] + 000 n-re-ET لهادت میرزا تقی خان امیرکبیر (۱۲۳۰ هـ ش)

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هفتسه ۲۲

h(t)=eu(-t+E)+eu(to 9 B = t

X(t)=u(t-r)_u(t-a) (t) = x(+) x h(+)

h[n] = (=) n u [n] S[N] = A h [n-1] + h [n] $h\left(n-1\right] = \left(\frac{1}{\omega}\right)^{n-1} u\left(n-1\right)$ (1) uEn] - A (1) n-1 J(1) - A(1) (1) = 0 = h[n] _ 1

= e - (1-rj) O 0 e