

Date



 $\int_{-\infty}^{\infty} (t T) u(tT) dT$ 

d) h(-1] = 018-1 +0 -in the de

 $\sum_{-\infty}^{\infty} (o_{1}8)^{n} = \sum_{-2}^{\infty} (o_{1}8)^{n} = 7.8 + \frac{1}{e_{1}^{2}} (\infty)$ 

~/ z[n] = x[n] + 1 z[n-1] -> x[n], z[n] - z1 z[n-1]

 $h_2(n) = \begin{cases} 0 & n < 0 \\ \frac{1}{2^n} & n > 0 \end{cases}$ 

-) y(n) = 7(n-1)+1 z(n)

6) y[n]== (= 6[n]== n== y[-]=2y[-]=8[-]=>y[-]=1

 $y_{(n)} \begin{cases} 0 & n(0) &$