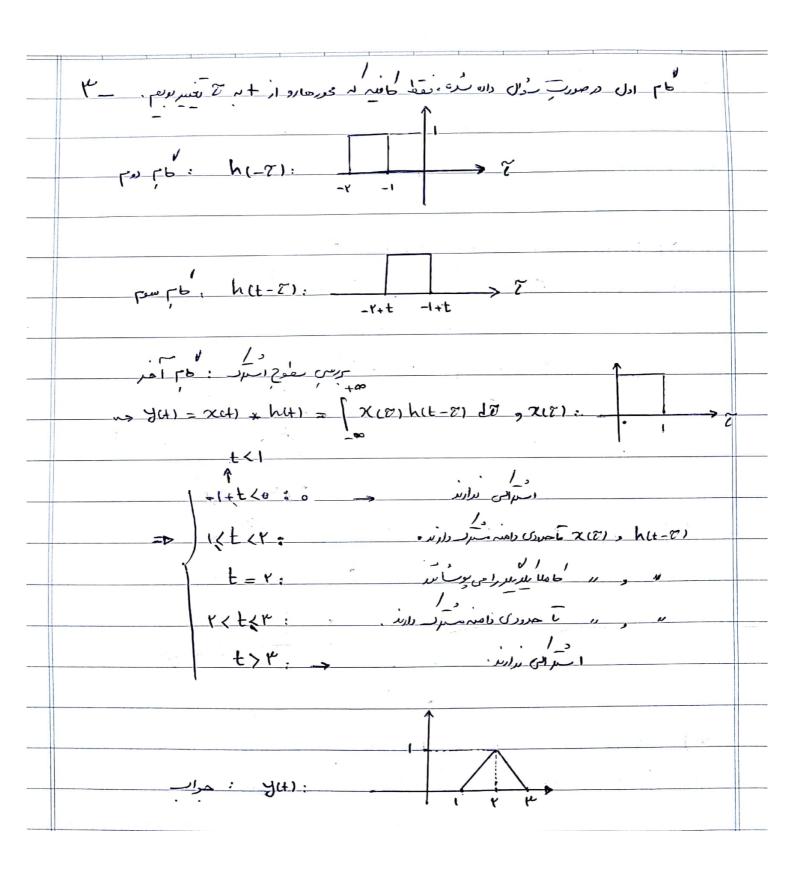


$$|-C| \times |-C| = (-1)^{n} \times |-C| + |-C| + |-C| = |-C| + |-C$$

LTI June (1) . Take (1 Ju : f<sup>+∞</sup> | h(+) | < ∞ مع) مدیعہ طر بودری اسم های اتا بعد (مدیری می حامقہ هسد له: ~ n = 0 (1) . h(t) = 0 = 0 h(t) = K S(t) = Y(t) = KX(t) = 0 K = h(0) hand = a u [+-n] Uluy - T | hEx] | = T a m , we =0 // // [ + 13 0 ( 1 ,0) = ( 12) ( d-7 Tue -> for noo, hon to -> cui (1/mg. - 2 /h CK) = - (0/1) -> ) 1/ms = 0 //ms

Y-c) ha) = e u(x-t)
The short to hat) to = o cherce  Ohr - f het)   dt = ft - 4t ms as = o ///
now - h(t) + KS(t) - the contractor - 10 nous
$r-d$ ) $h(t) = te^{-t}u(t)$
Twe -> for to: het)=0=0 Ge
Chr -> for to: h(t)=0=0 cic
1 0 0
is wis climi: [fon g'(x) dx = fon g(x) - [f(x) g(x) dx.
$= -te^{-t}  e^{-t}  e^{-t}  $
-t   +e
= lim-1-t1 = + 1 = > /luc
t-o et e°
•
مل بالاس حدده



الم الله الا العام مندى سبم الما و الما الله مراى الله م h, + hr = 8(+) ے صدار کے ملت سامدی الرسم الل معدی مرک اول هم الله h, -> hy= &(+) : - 2 - 2 1 1 - 2 1 h, (+) = 8(+) + 8'(+) h + (+) = e - t u(+) ~ h, \* h, = S(+) \* e uct) + S(+) \* e uct) [ -> NCH + XCH = XCH)] = e u(t) + (e u(t))  $= e^{\pm t}(t) + (-e^{\pm t}(t)) + e^{\pm t}(t) = S(t) \times e^{\pm t}(t) =$ b) his = Sco = Sco - 12 hrso = n co 2 ~ h, \* hr = (8cn) \* ucn) - (8cn-13 \* vcn) = ScnJ V \_\_ ... \_ 2 

XCnJ \* hich] \* hich) = ycn] ht (xin3 + htin3) = ht ((uin+13-vin-13) x (Sin+13-8(n))) ( [- n] w+ [n] w-[1+n] w [n] + [n] w = - him + Scn+r3 - him + ScnJ. h, cn]

1) MLNO: JENJ = 0: puit min . n < n < 12 (n) = 0 . M. COL . M. C. 2 (n) herz + rheiz = Serz = herz = -rheiz = + Fheiz = + F م معادلا (ولدای له به رست آوروسی ی توسیم لماعی  $h \in \mathbb{N} = \int n \cdot \frac{1}{2} \cdot \frac{1}{2}$