$$= 0 \text{ y [n] s} \sum_{m=-\infty}^{+\infty} (-\frac{1}{2})^{m} u [m-4] \cdot 4 \quad u [2-n+m] \\ m > 4 \qquad 2-n+m > -= 0$$

$$\sqrt[m_{-0}]{m_{-0}} = 4^{n} \sum_{m=4}^{\infty} (-\frac{1}{2} \times \frac{1}{4})^{m} = 4^{n} \sum_{m=4}^{\infty} (-\frac{1}{8})^{m}$$

$$\sqrt[m_{-1}]{m_{-1}} = 4^{n} \sum_{m=4}^{\infty} (-\frac{1}{8})^{m}$$

$$-\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) = 0$$

$$-\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) = 0$$

$$-\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right) + \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right) + \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2$$

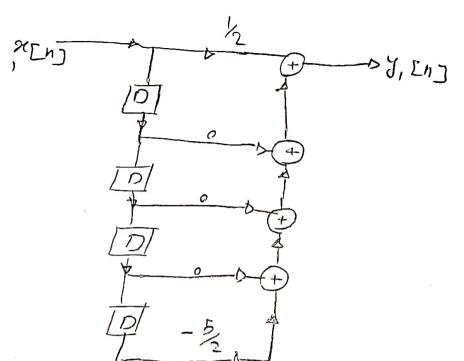
$$\frac{1}{2} \left( \frac{t}{2} + \frac{3}{2} \right) = 6 \int_{t-1}^{1/2} \left( -\frac{t}{2} + \frac{1}{2} \right) d\tau + \int_{t}^{t} \left( \frac{t}{2} - \frac{t}{2} - \frac{1}{2} \right) d\tau + \int_{t}^{t} \left( \frac{t}{2} - \frac{t}{2} - \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right) d\tau + \int_{t}^{t} \left( \frac{t}{2} - \frac{t}{2} - \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right) d\tau + \int_{t}^{t} \left( \frac{t}{2} - \frac{t}{2} - \frac{1}{2} + \frac{1}$$

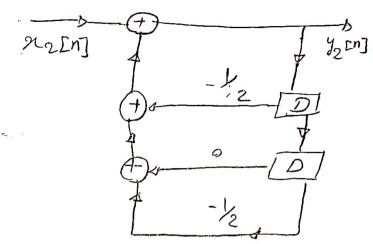
-1º 05'

a) 
$$hEn7 = (-\frac{1}{2})^n a_{E}n_{1} + (1.01)^n a_{E}n_{1} - n_{1}$$
 $h< n = b$ 
 $(1.01)^n a_{E}n_{1} + (1.01)^n a_{E}n_{2} + a_{1}$ 
 $(-\frac{1}{2})^n = (-\frac{1}{2})^n a_{E}n_{1} + (1.01)^n a_{E}n_{2} + a_{2}$ 
 $(1.01)^n = (1.01)^n = (1.$ 

y(t) s f e x(T-2) dy -15 d'e x(t) x(t) y(t) y( $\frac{1}{2} = \frac{1}{2} = \frac{1}$ -(t-2)= h h(t) se u(t-2) u(t) = u(t+1) - u(t-2) $y(t) = \int_{-\infty}^{+\infty} h(\lambda) \cdot g(t-\lambda) d\lambda = \int_{-\infty}^{+\infty} \frac{-(\lambda-2)}{(\lambda-2)[u(t-\lambda+1)-u(t-\lambda-2)]dx} dx$ 

```
y[n]+2y[n-1] = 2([n]+2x[h-2]
   YEN] = 21 [n-2] = 24 [n-1]
  y [-2] = α[-2] + 2 α[-4] -2y[-3] = 1
  ÿ[-1] s x[-1] +2x[-3] -2 y[-2] = 0
  y[0]: 25] + 22[-2]-27[-1]53
9[1] = n[1] + 2n[-1] - 2y[-] : -3
 y [27] = n[x] + 2n[x] - 2y [x] = 8
y [37] = n[x] + 2n[x] - 2y [x] = 2 - 2x8 = -14
y [47] = n[x] + 2n[x] - 2y [3] = -2x - 14
y [47] = n[x] + 2n[x] - 2y [3] = -2x - 14
 y[n] , (-1) x 2 x 14
    Zy [n] - y [n-1] + y [n-3] = x [n] - 5 x [n-4]
   Si: 24, [n] = 21[n] - 5 21[n-4]
    52: 42 [h] + 1/24 [h-1] + 1/2 42 [h-3] 5 22 [h]
GOOL: Y, EN] = 22 EN]
                                                                        الف
     5, : [292 En] - y2 En-1] + y En-3] = 21 En] - 52, [n-4]
                                            ره مین به طادلدی داندا سال است
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(

2[n] -> y[n] Z[n] -> y'[n] 5? Z[n];  $\sum_{3}n[n+2]$  n < N >  $L_{1} > y/[n]$ ;  $\sum_{3} y[n+2]$  $n = \langle N \rangle$ 

-2-1, 9, 12