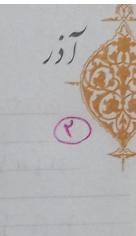


1.8



h(n] = r nu[-n+r]

n[n] = (/p)n-1 (u[n] -u[n-lo])

10 h [n]s " u[-n+r]

" 91(K] 5 (1/4) [U(K] - U(K-10]]

y (n) s & n(k) h(n-k)

 $|y(n)| \le \frac{2}{K-1} (|x|) [u(K) - u(K-1)] |x|^n u(-n+1)$

= 2 ma(-n+r) { (1/2) m(k)

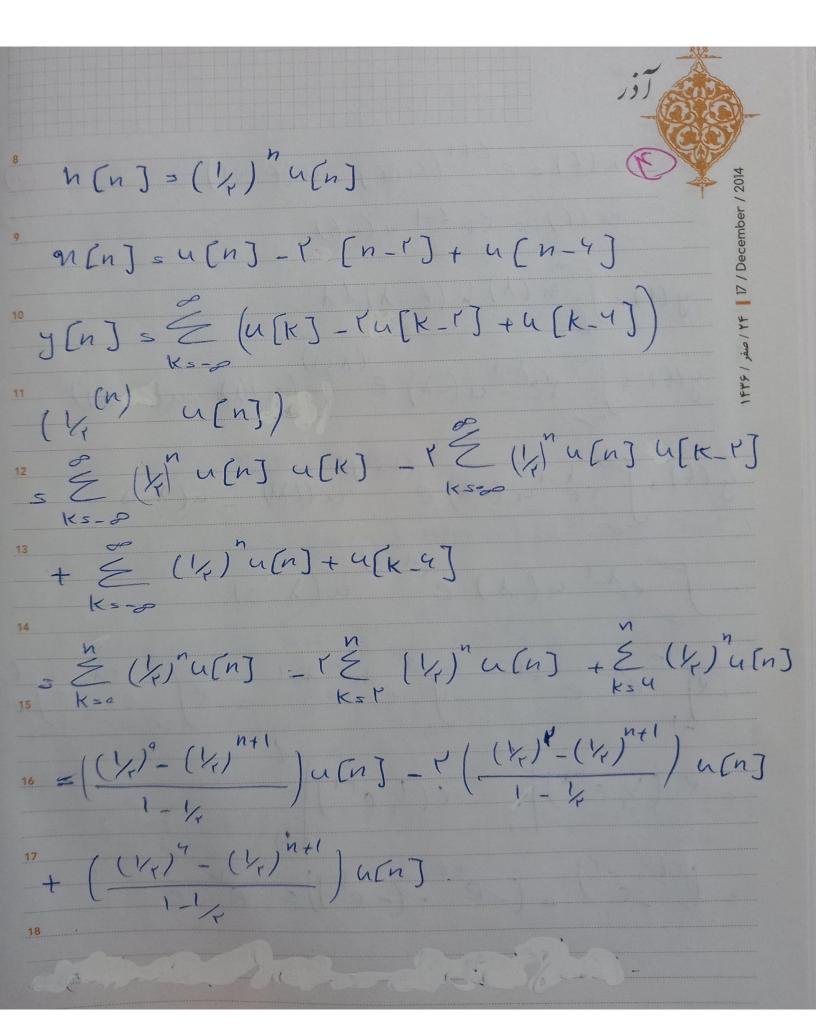
- 2 nu[-n+r] = (1/2) k-1 u[k-10]

= P"u[-n+r] = 1 x (1/x) - 1"u[-n+r] = 1 x (1/x)

h(t)=ett(u(t)-u(t-d)) 91(t) = <et-1 4(-t) y(t) = \(\text{Ye}^{\lambda-1} \alpha(-\lambda) \end{align* (\lambda+1) \end{align* (\lambda+1) \end{align* (\lambda-1) \end{ $g(t) = \int_{-\infty}^{\infty} \left(\frac{\lambda - 1}{2} \alpha(-\lambda) e^{(\lambda + 1)} \alpha(t - \lambda) \right) dt$ - / ¿²-! ((-1) e (1+1) = \(\frac{e^{rt}}{e} - \frac{e^{-r}}{e} + \left(\frac{e^{rt}}{e} - \left(- \frac{e^{-r}}{e} \right) \) \(= \frac{e^{-r}}{e} - \frac{e^{-r}}{e} \right) \)

WINT TOTAL

12/17-(1)71



= ((1)-(1/2)"+)u(n] + (-(1/2)-(-1/2)") u[n] + (r(//2)- P(//2)n+1) u[n] = (2-x(x)n+1)u[n] + (-1-x(-1/x)n+1)u[n] + (1/2 - P(1/2) n+1) n(n) شهادت آیت ا... دکتر محمد مفتح (۱۳۵۸ هـ ش) - روز وحدت حوزه و دانشگاه