

(8) (0.6) [[u[n+10] - u[n -11]] = x [n] X(ejw) = sxln)e-jwn = E (0.6) (u (n+10) - u (n=11)) t-h (0.6) 10+10+10.6) 9+ 8+ - - -. (0.6)0+0+(0.6)1+-11- (6.6)10+-10 [0.6+]10 (1-(0.6+)-10) + [[1-0.6+-1]]]
[0.6+]10 (1-(0.6+-1)] (6.6 eJW)10 (1-[0.6 eJW]-10) $\frac{(1-(0.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ $\frac{(1-(6.6e^{-jw})^{11})}{(1-(6.6e^{-jw})^{11})}$ X(+) = & n (0.9) " u (n+7)+" $-3(0.9)^{-3}t^{3} + -2(0.9)^{-2}t^{+2}$ n10.9)4 +-n Sum of age a = -3, d=1, X=(0.9+4)

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1 [x (ejw) - x* (e-jw)
J= - [xelejw]]= 1 | xe(ejw) ejnwdw
                          = \frac{1}{2\pi} \int_{-\pi}^{\pi} \frac{1[x_{\bullet}(e^{j\omega}) + \chi_{\bullet}^{*}(f^{-j\omega})]_{e^{j\omega}}^{f^{*}\omega}}{d\omega}
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(6) n [n] = (0.9) cos (nn julu) $y[n] = \begin{cases} n[n/2] & n=0, \pm 2, \pm h. \end{cases}$ else (1) using 2 trouspur. Y(2) = & y(h) z-4 $= \sum_{-\infty}^{\infty} n(n/2) 2^{-1} \qquad n = 0, \pm 2, \pm 1$ En[h]z-2m m = 0,±1,±2 ≥ N [m](z²) - m = X(z²) (Huma from) Y(z) = X(z²) $x(z) = z \left(\frac{0.9}{9} \log \left(\frac{n\pi}{4} \right) n \ln \right)$ (hu coswou) u [n] -> 1-h loswo) 2-1 23 6.9 LOS [7/4]] 2-1 n(2) = $\frac{1-2\left[0.9\cos(\frac{\pi}{4})\right]2^{1}+\left[0.9\right]^{2}-2}{1-0.6363162^{-14}}$ 121 30.9 -1:292792-1+ 0.812-2

Hunce Y(Z)=	1-0.64 2-2 1-1.27 2-2+0 BIZ	121 750
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