Name: Ahmeel wae I Hohemeel Matla b ID: 6071 Part- [] Geran 2 Section: 2 Question 31 x(t)= p-t $F_{n} = \frac{1}{\pi} \int_{0}^{\pi} e^{-t} e^{-jn\omega t} dt \qquad \lim_{n \to \infty} \frac{2\pi}{n} = 2\pi$ $= \frac{1}{\pi} \int_{e^{-t}}^{\pi} e^{-t} e^{-i2nt} dt = \frac{1}{\pi} \int_{e^{-t}}^{\pi} e^{-t} e^{-i2nt} dt$ $= \frac{1}{\pi} \int_{e^{-t}}^{\pi} e^{-t} e^{-i2nt} dt = \frac{1}{\pi} \int_{e^{-t}}^{\pi} e^{-t} e^{-i2nt} dt$ $= \frac{1}{\pi} \int_{e^{-t}}^{\pi} e^{-t} e^{-i2nt} dt = \frac{1}{\pi}$ $f_{0} = \frac{1}{11} \int_{e^{-t}}^{e^{-t}} e^{-t} (1+0) dt = \frac{1}{11} \int_{e^{-t}}^{e^{-t}} e^{-t} = \frac{1}{11} \left[-e^{-t} \right]_{0}^{11}$ $F_6 = \frac{1}{7} (-e^{-11}) = 0.365$ (Fo= 01305) $F_{n} = \frac{1}{\prod(1+j2n)} \left[e^{-t(1+j2n)} \right]^{\prod} \left[e^$ Fn= -1 (+12n) [e-T(+12n) -1]

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