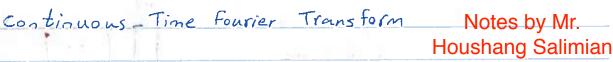
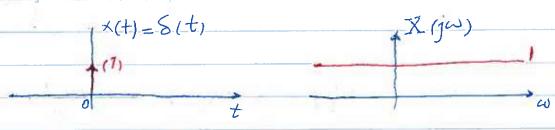
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EE 313 Linear Systems and Signals

The University of Texas at Austin







Ideal Delay

$$\delta(t)$$
 $\int_{byT}^{\infty} h(t) = \delta(t-T)$

$$zu = \delta(t-T) = j\omega T \longrightarrow |X(j\omega)| = 1$$

$$X \times (j\omega) = -\omega T$$

in MATLAB gradelay

