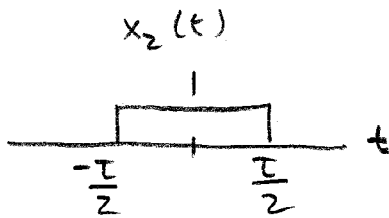
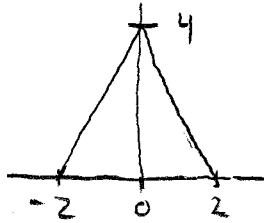


RAT

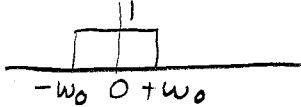
1) NAME

2)  $x_1(t) = \cos(2\pi t)$

SKETCH  $X_1(\omega)$ 3) CONSIDER THE SIGNAL  $x_2(t)$ DETERMINE AND SKETCH  $X_2(\omega)$

IN-CLASS #1GIVEN:FIND:  $X(\omega)$ HINT: FIRST FIND  $s(t)$  SUCH THAT  $s(t) = x(t) * x(t)$

IN-CLASS #2

LET  $X(\omega)$    $\longleftrightarrow$   $x(t)$

DEFINE THE SIGNAL  $s(t) = x(t) e^{j\omega_0 t}$

DETERMINE AND SKETCH  $S(\omega)$