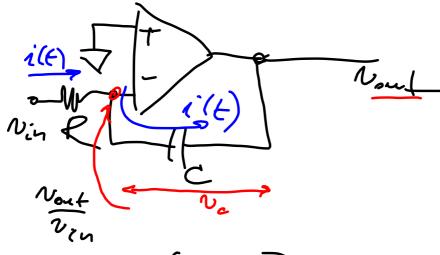
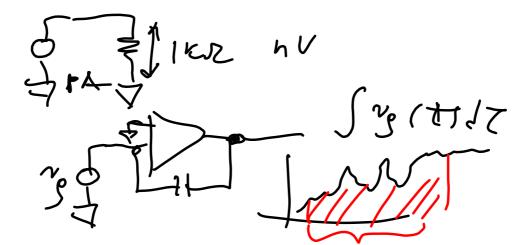
CPE381 #9

16.

Mare 63 max 96





1. READ

2. 
$$\cos(ax)$$
  $\int \cos^{2}(ax) = \frac{x}{2} + \frac{\sin(2ax)}{4a}$ 

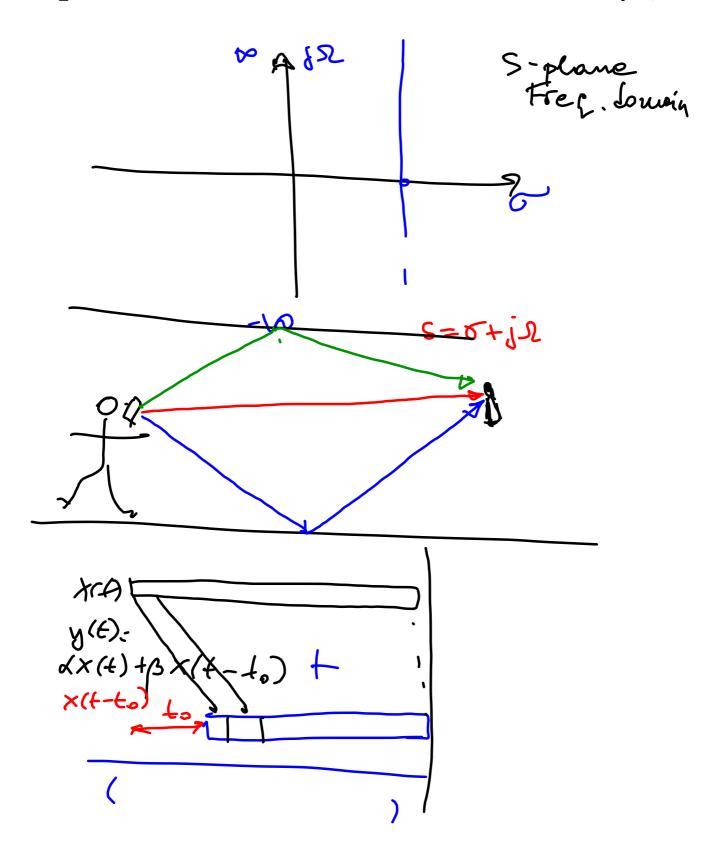
1.  $\int \cos^{2}(ax) dx = \frac{\cos(2ax)}{4a}$ 

1.  $\int \cos^{2}(ax)$ 

$$x(+) = 3 \cdot \cos(8\pi i + 1) + 2 \cdot \cos(32\pi i + 1)$$

$$Pawe = \frac{1}{2} \cdot 3^{2} + \frac{1}{2} \cdot 2^{2} = 4.5 + 2 = 6.5$$

$$e^{-5} + \frac{1}{2} \cdot 3^{2} + \frac{1}{2$$



$$X(t)$$

$$X(s)$$

$$H(s)$$

$$Y(s) = X(s)H(s)$$

$$Y(s) = X(s)H(s)$$

$$X(s)$$

$$X(s)$$