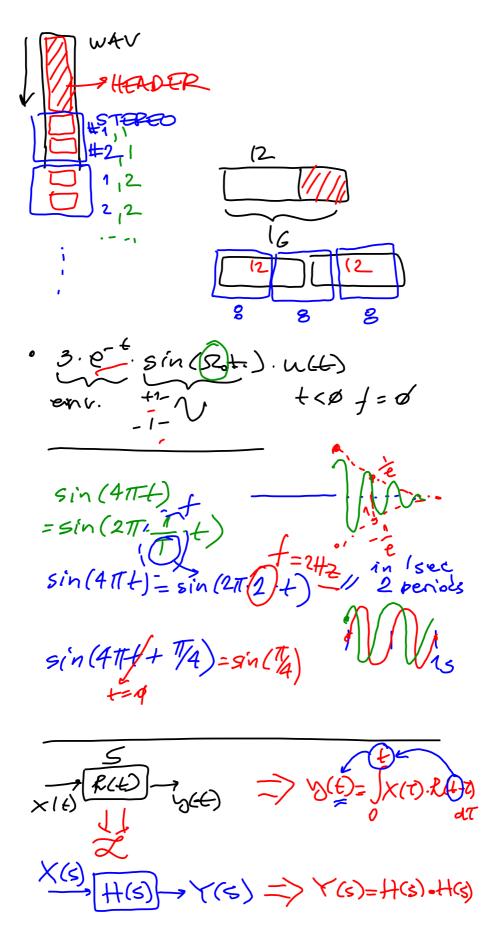
CPE381 #16

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$$d^{2}y(t) + 3 dy(t) + 2 dy(t) = x(t)$$
 $d^{2}y(t) = 5^{2}Y(s) - s dy(t) - dy(t)$
 $d^{2}y(t) = 5^{2}Y(s) - y(t) - dy(t)$
 $d^{2}y(t) = 5^{2}Y(s) - y(t) - dy(t)$
 $d^{2}y(t) = 5^{2}Y(s) - y(t) - dy(t)$
 $d^{2}y(t) = 5^{2}Y(s) - y(t)$
 $d^{2}y(t) = 5^{2}Y(s) - y(t)$
 $d^{2}y(t) = 0$
 $d^{2}y(t) = x(t) - y(t)$



$$X(s) \rightarrow H(s) \rightarrow Y(s)$$

$$y(u)(t) + \sum_{b=0}^{N-1} \sum_{b=0}^{N} \sum_{b=0}^{N} y(t) = \sum_{b \in X(t)} y(t)$$

$$2nd \text{ order } did eq.$$

$$X(s) \rightarrow H(s) \rightarrow Y(s)$$

$$X(s) \rightarrow H(s)$$

