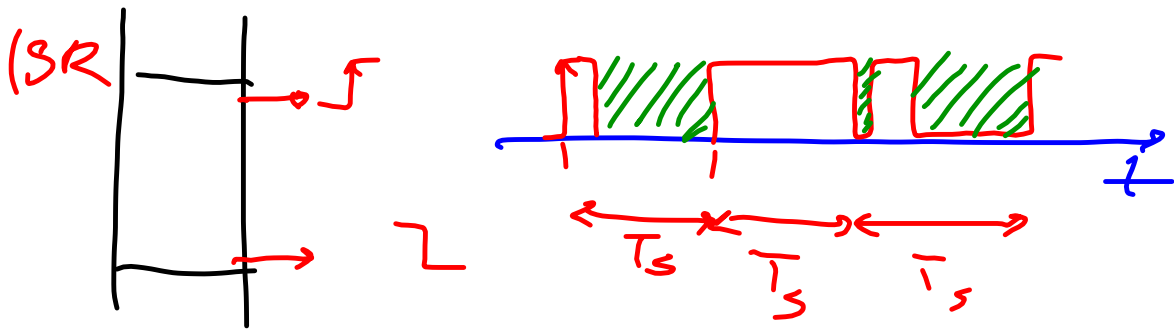


## CPE381 #27



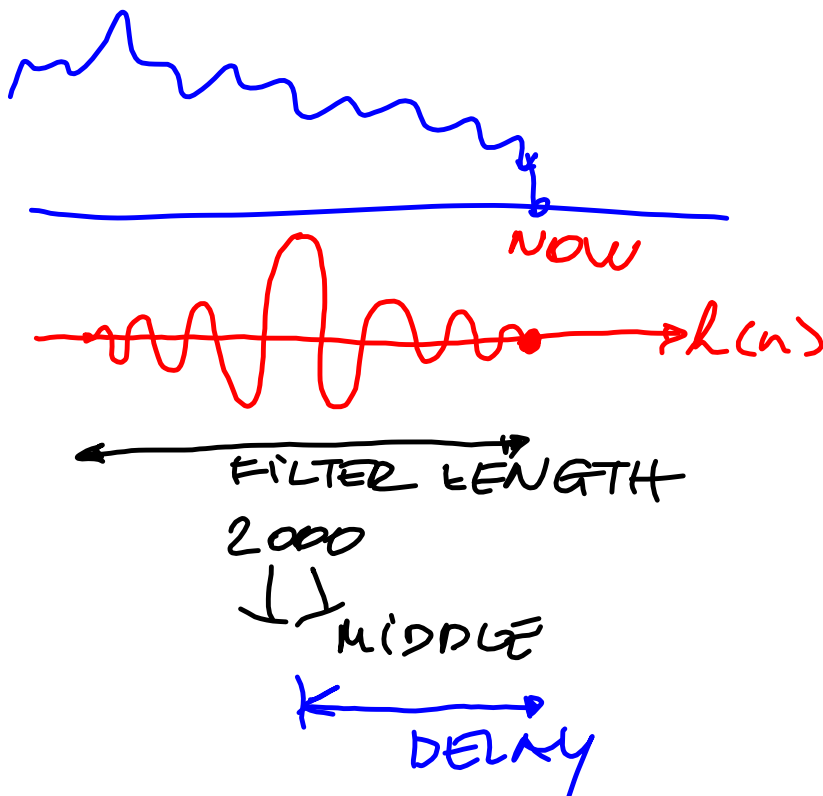
$$y[n] = 0.4 y[n-1] \dots$$

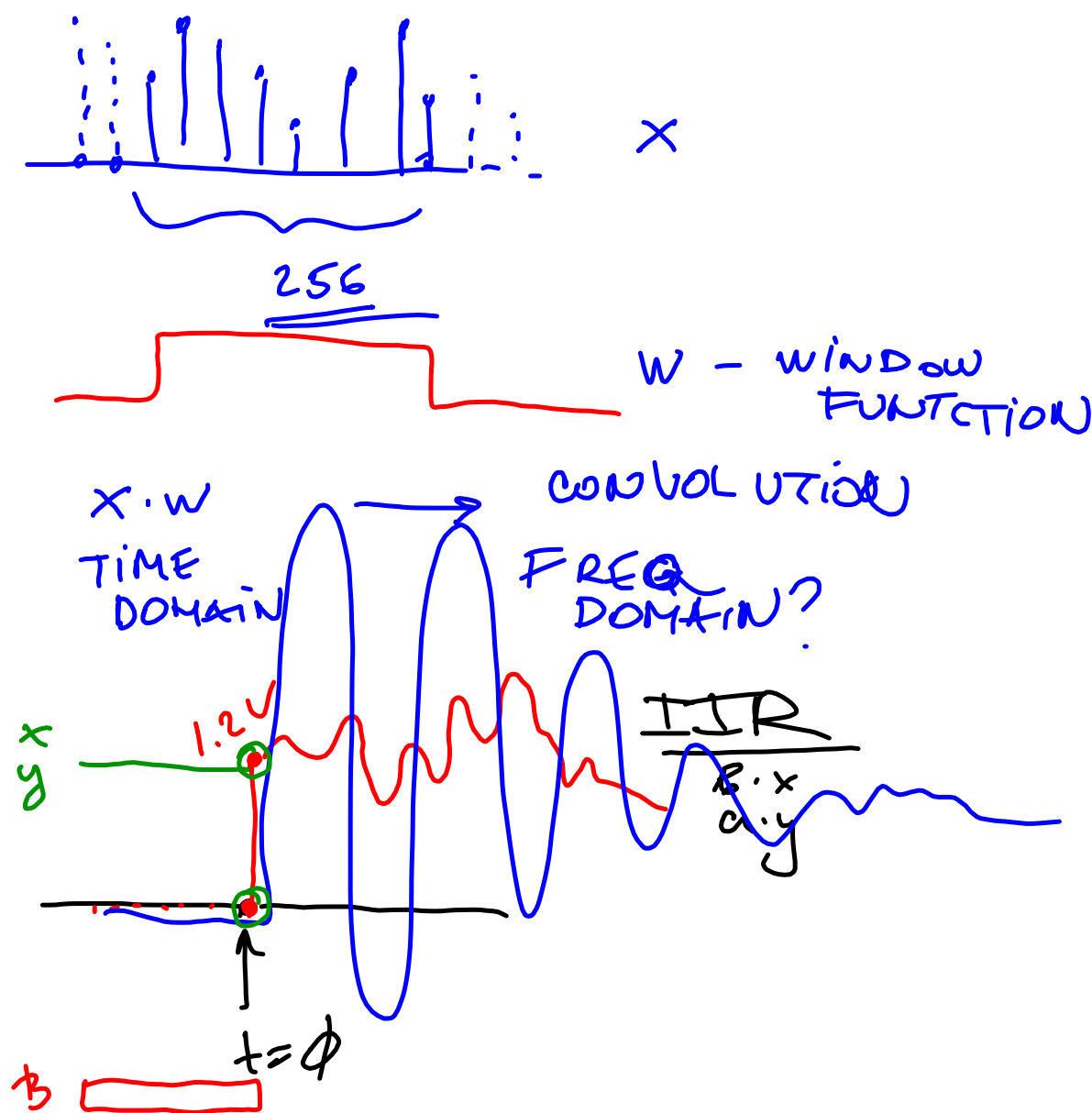
$$= \underline{0.4} \cdot \underline{0.4} \cdot y[n-2]$$

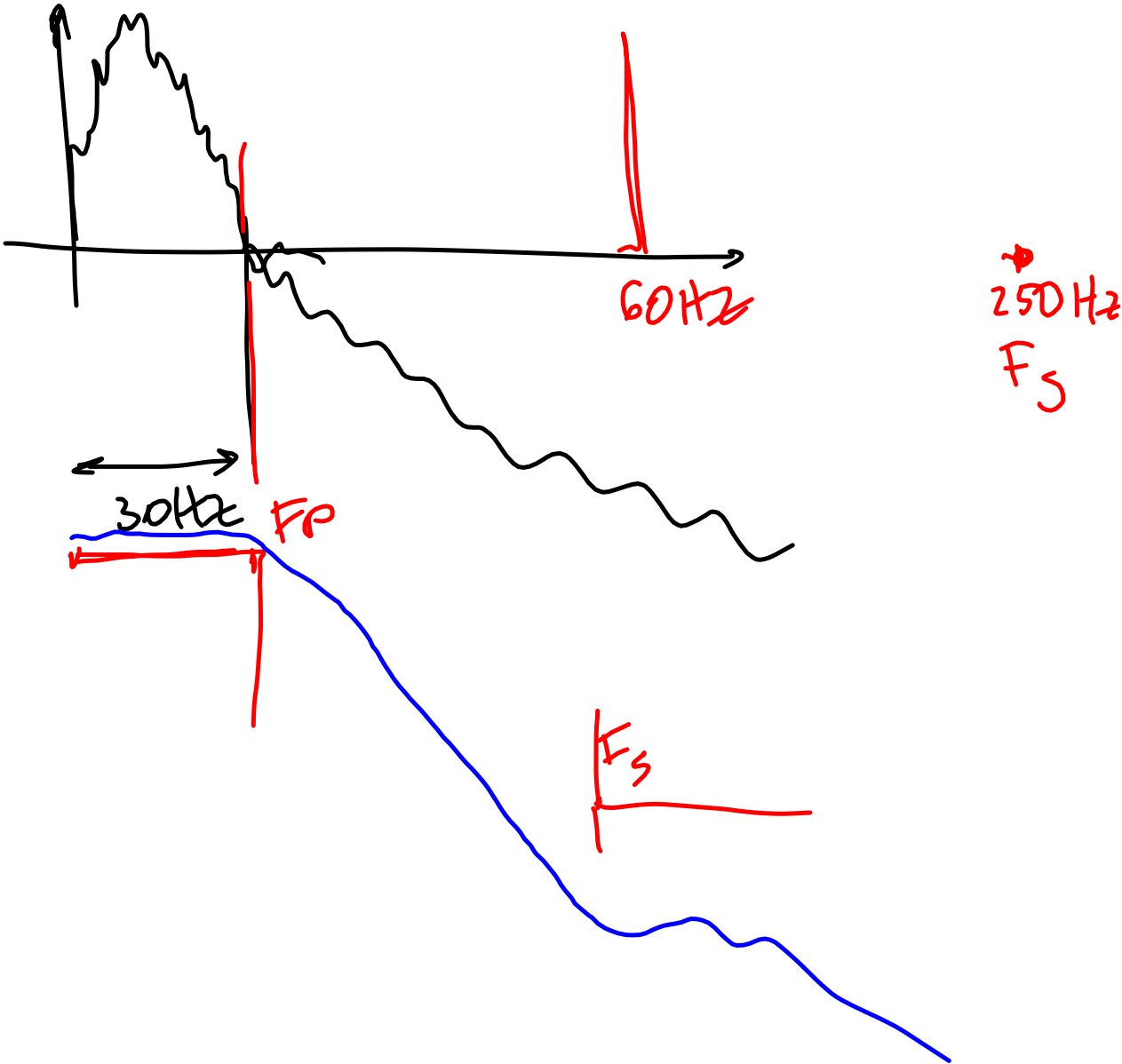
⋮

$\dots y[0] \cdot x[0]$

$$\delta(t) \cdot 1 \dots \Rightarrow h(t) \rightarrow 0.4^n$$







MAC-operation

Multiply

And

Accumulate operation

$$y[n] = \sum_i b_i x_i$$

