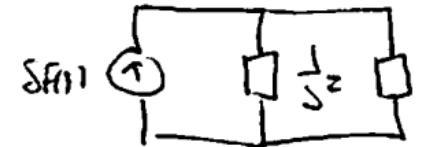
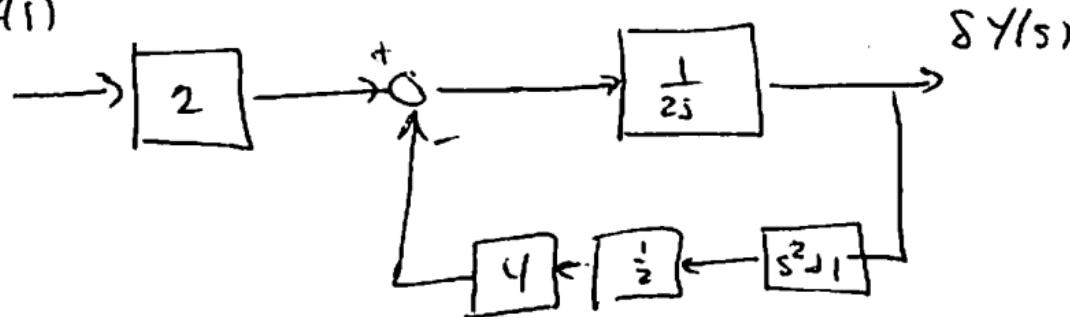


Ex. 1:



$$\frac{\delta Y(s)}{\delta F(s)} = \frac{1}{s^2 + 1} = N(s)$$

$\delta X(s)$



$$\frac{\delta Y(s)}{\delta X(s)} = \frac{\frac{1}{2s}}{1 + \frac{s^2 + 1}{s}} = \underline{\frac{1}{s^2 + s + 1}}$$