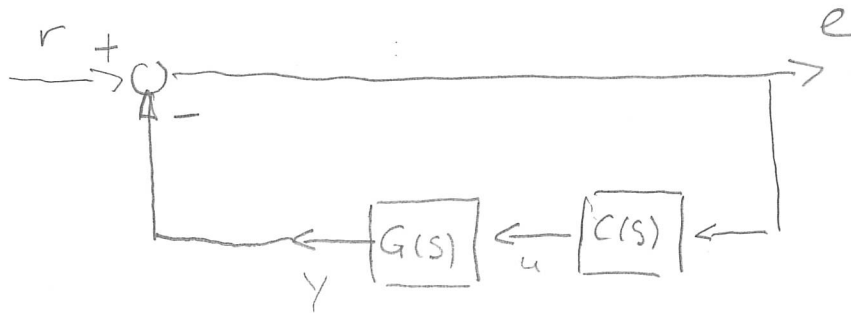
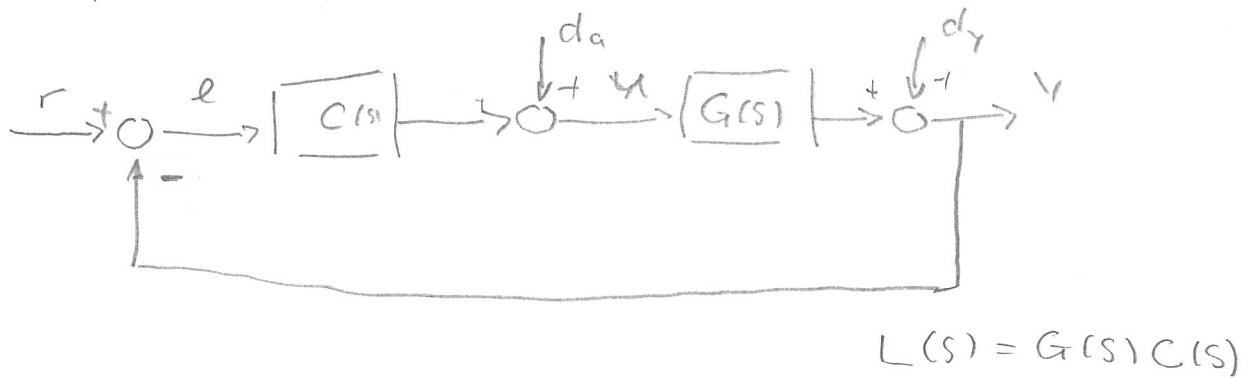
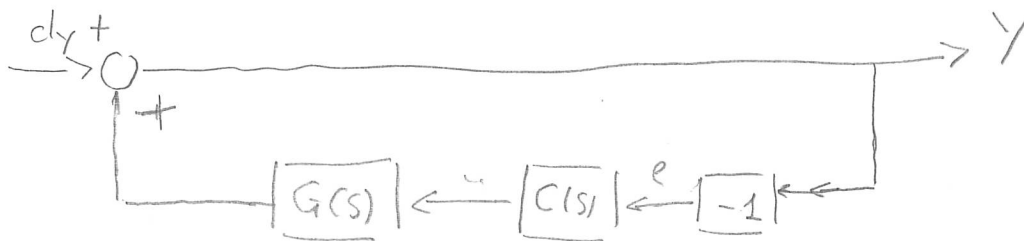


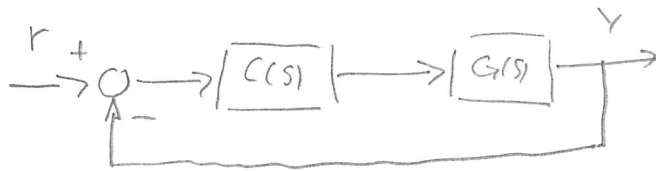
Examples - 17C-L10



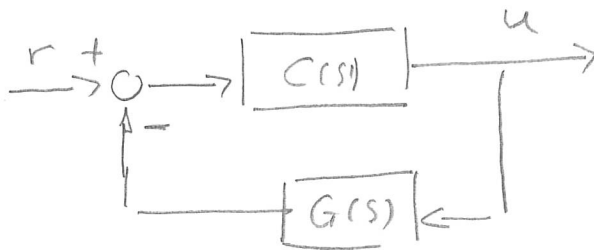
$$\frac{e(s)}{r(s)} = S(s) = \frac{1}{1 + 1 \cdot G(s)C(s)} = \frac{1}{1 + L(s)}$$



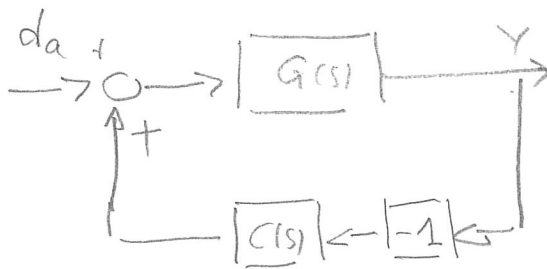
$$\begin{aligned} \frac{Y(s)}{d_y(s)} = S(s) &= \frac{1}{1 - 1 \cdot (-1) C(s)G(s)} = \\ &= \frac{1}{1 + C(s)G(s)} = \frac{1}{1 + L(s)} \end{aligned}$$



$$\frac{Y(s)}{r(s)} = T(s) = \frac{C(s) G(s)}{1 + C(s) G(s) \cdot 1} = \frac{L(s)}{1 + L(s)}$$



$$\frac{u(s)}{r(s)} = R(s) = \frac{C(s)}{1 + \underbrace{C(s) G(s)}_{L(s)}} = \frac{C(s)}{1 + L(s)}$$



$$\frac{Y(s)}{da(s)} = \frac{G(s)}{1 - G(s) (-1) C(s)} = \frac{G(s)}{1 + L(s)} = G(s)$$