torsdag 22 februari 2024

For ett Lausalt system

$$L(t)=F$$
 $L(t')=sF$ $L(t'')=s'F$

$$Y(s^2+21+2) = (s^2+5) + H(s) = \frac{Y}{F} = \frac{s^2+3}{s^2+2s+2} = \frac{s(s+1)}{(s+1)^2+1}$$

$$\lambda\left(+\bar{e}^{\dagger}\theta(+)\right)=\frac{1}{\left(S+1\right)^{2}}=G(1)$$

$$G(s) \cdot H(s) = \frac{1}{(s+1)^2} \cdot \frac{S(s+1)}{(s+1)^2} = \frac{S}{(s+1)^2 + (s+1)} = \frac{S}{(s+1)^2 + (s+1)^2} = \frac{S}{(s+1)^2 + (s$$

$$= \frac{A}{S+1} + \frac{D_S + C}{S+2S+2} = -\frac{1}{\delta+1} + \frac{S+2}{(\delta+1)^2+1} = -\frac{1}{S+1} + \frac{S+1}{(S+1)^2+1} + \frac{1}{(S+1)^2+1}$$