

$$\frac{7}{1} = \frac{(5)(5)(5)}{1+(5)(5)(5)}$$

$$P+I\frac{1}{s}+D\frac{N}{1+N\frac{1}{s}}$$

$$T_{Clpend} = \frac{G_{pend}(s) \cdot K_{pend}(s)}{1 + G_{pend}(s) \cdot K_{pend}(s)} = \frac{G_{pend}(s) \cdot (p+1\frac{1}{s}+0 \cdot \frac{N}{1+N\frac{1}{s}})}{1 + G_{pend}(s) \cdot (p+1\frac{1}{s}+0 \cdot \frac{N}{1+N\frac{1}{s}})}$$

Loend = Grand(s).
$$K$$
 end(s)
= Grand(s). $(P+I_{5}^{2}+0.1+N_{5}^{2})$

$$T_{clcart} = \frac{G_{cort(s)} \cdot K_{cort(s)}}{1 + G_{cort(s)} \cdot K_{cort(s)}} = \frac{G_{cort(s)} \cdot (p + I_{s}^{1} + 0 \cdot I_{+N_{s}^{2}})}{1 + G_{cort(s)} \cdot (p + I_{s}^{1} + 0 \cdot I_{+N_{s}^{2}})}$$

$$Lcort = G(cort(s)) \cdot K(cort(s))$$

$$= G(cort(s)) \cdot (P+I_{s}^{1}+0.1+N_{s}^{2})$$