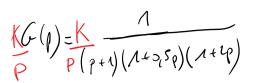
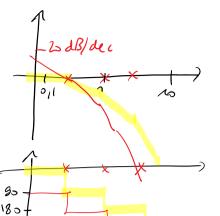
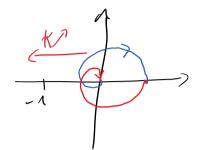
2020.09.11 Automatique - Course 5 - Notes

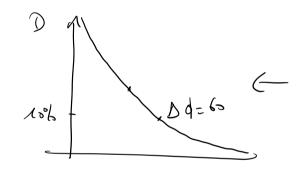
jeudi 10 septembre 2020 16:02







$$e_{s} < 5\%$$
 $\frac{e}{y^{c}} = \frac{1}{1 + c6} = \frac{1}{1 + h6}$



\[
\text{\rightarrow} \frac{\k}{\rightarrow} \left\]
\[
\text{\rightarrow} \frac{\k}{\rightarrow} \left\left\]
\[
\text{\rightarrow} \left\left\]
\[
\text{\rightarrow} \left\left\]
\[
\text{\rightarrow} \left\left\]
\[
\text{\rightarrow} \left\left\left\rightarrow\righta

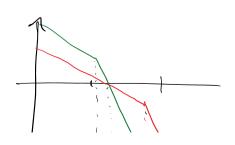
$$G(p) = \frac{k}{(1+T_1p)(1+T_2p)}$$

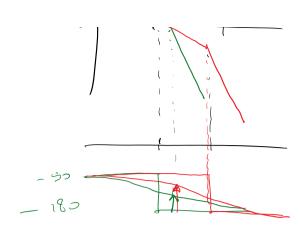
$$T_1 << \tau_2$$

$$T_1 << \tau_2$$
 $Prop \Delta: \tau_i = \tau_\Delta$
 $Prop \Delta: \tau_i = \tau_2$

 $PT(p) = h\left(1 + \frac{1}{\tau_{ip}}\right) = h\left(\frac{1 + \frac{1}{\tau_{ip}}}{\tau_{ip}}\right)$

PI=h (1+Tip)





PI = h (recip)

Rop 1: T: <<T1

Prop 2: T: >>>T1

Rop 3: T: =T1

1/1: Man

2 - 1+L = 1

Temporal Schauser: yc

Example. No overshoot

+ No steady-state ever - Infinite gain at o.

+ Bandwidth & 5 (-d (5)

9 D 1 7 75°