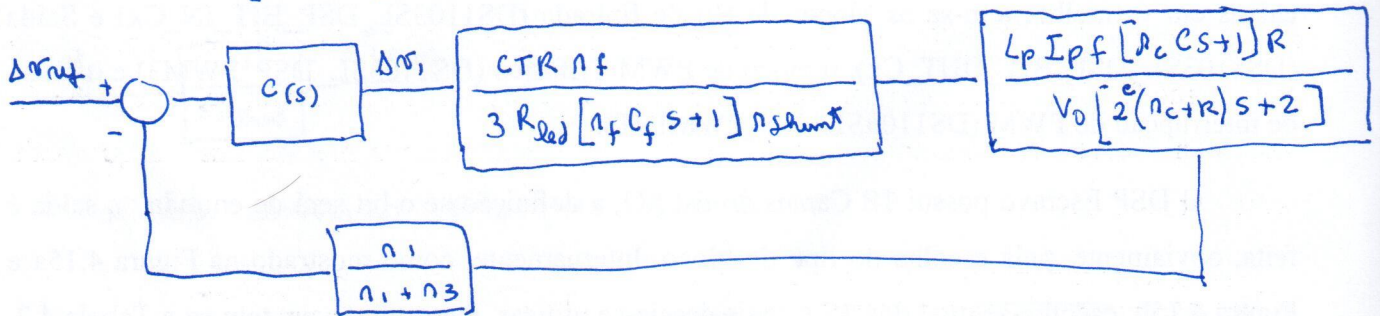


$$\frac{R(\tau_c C s + 1)}{C(\tau_c + 2R)s + 1} = \frac{(\tau_c C s + 1)R}{[C(\tau_c + 2R)s + 1] + [\tau_c C s + 1]}$$

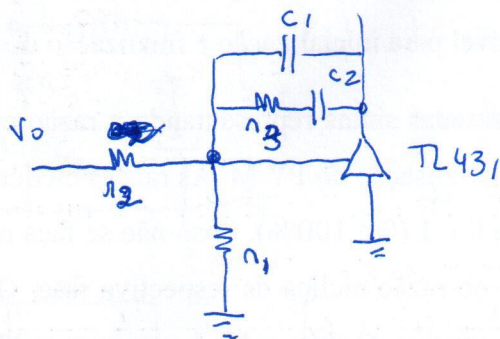
$$1 + \frac{R(\tau_c C s + 1)}{C(\tau_c + 2R)s + 1} \cdot \frac{1}{R}$$

$$= \frac{[\tau_c C s + 1]R}{2C[\tau_c + R]s + 2}$$



usar compensador tipo II

$$\text{compensador} = \frac{s + z}{s(s + p)}$$



$$R_{im} = n_2 / n_1$$

$$C_1 = \dots$$

$$C_2 = \dots$$

$$R_3 = \dots$$