

③ Normalización

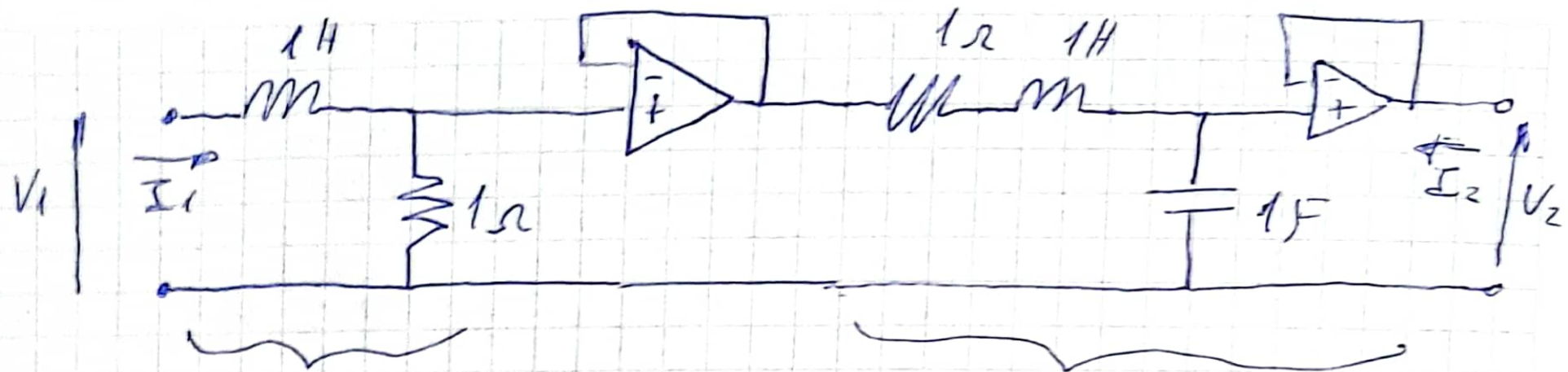
• En frecuencia

$$T(s) = \frac{2}{(s + \sqrt{8})(s^2 + \sqrt{8}s + 8)}$$

$$\Omega_w = \sqrt{8} \quad \Rightarrow \quad \bar{s} = \frac{s}{\Omega_w} \quad \Rightarrow \quad s = \bar{s} \sqrt{8}$$

$$T(s) = \frac{2}{\sqrt{8}(s+1) \cdot 8(s^2 + s + 1)}$$

$$T(s) = \frac{1}{8\sqrt{2}} \cdot \frac{1}{(s+1)(s^2 + s + 1)}$$



$$\frac{1}{s+1}$$

$$\frac{1/s}{(s+1) + \frac{1}{s}}$$