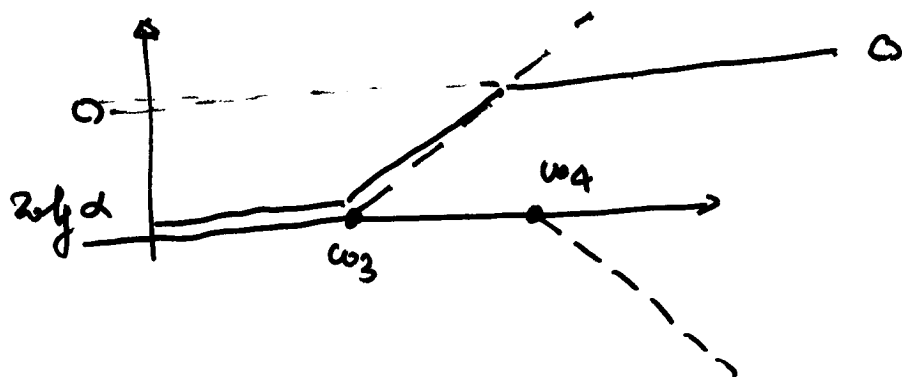


$$\left| \frac{E_o}{E_i} \right|_{dB} = 20 \lg \alpha + 10 \lg \left[1 + \left(\frac{\omega}{\omega_3} \right)^2 \right] - 10 \lg \left[1 + \left(\frac{\omega}{\omega_4} \right)^2 \right]$$



In generale RE in ascesa ed alta frequenza!

$\Rightarrow$ modulo
 $\Rightarrow$ funzione

$$\left| \frac{G_H}{G_H} \right| = \left[\frac{1}{1 + \left(\frac{\omega}{f_0} \right)^2} \right]^{1/2} \cdot \left[\frac{1}{1 + \left(\frac{\omega}{f_b} \right)^2} \right]^{1/2} \dots$$

$\Downarrow$
 Delle funzioni di trasferimento con 2 poli:

$$A(j\omega) = \frac{A_0}{[1 + j(\omega/f_{p1})][1 + j(\omega/f_{p2})]}$$

f_{p1} ed f_{p2}
 "poli."

in db

$$|A| (db) = 20 \lg A_0 - 20 \lg \sqrt{1 + \left(\frac{\omega}{f_{p1}} \right)^2} - 20 \lg \sqrt{1 + \left(\frac{\omega}{f_{p2}} \right)^2}$$

