$$\ddot{x} + 2\beta\dot{x} + \omega_0^2 x = f(t)$$

- $\omega_{\text{res}} = \sqrt{\omega_0^2 - 2\beta^2}$

- $D_{\text{res}} \propto \frac{1}{|\omega_0^2 - \omega_{rmres}^2|}$