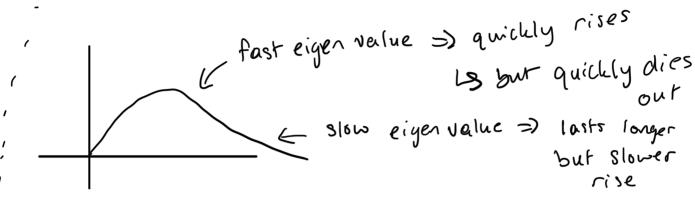
$$\frac{d^2y}{dt^2} + B \frac{dy}{dt} + 25y(t) = \frac{dx}{dt} + 23x(t)$$



Real posts that
$$\omega_{0}$$
 ω_{0} ω_{0

eigenvalues:

$$\lambda = \frac{-\beta}{2} + j\omega_{\alpha} = -\alpha + j\omega_{\alpha}$$