



$$AS \mathcal{L} x(t) \propto \frac{1}{s^2(t)} \propto \frac{1}{k^2 + \omega^2(t) + s^2}$$

$$x(t) = \frac{\Delta M/2}{\frac{1}{2}(\omega^2 + \omega_d^2(t-t_d)^2)} + \eta_t - \frac{\Delta M/\omega^2}{1 + (\frac{\omega_d}{\omega})^2(t-t_d)^2} + \eta_d =$$

