

$$y(t) \sim \mathcal{N}(y_1 e^{-t/\tau_1} + y_2 e^{-t/\tau_2}, \sigma)$$

Linearize about:

$$y_2 = 0.8y_1$$

$$\tau_2 = 7.5\tau_1$$

δy

$$y_1 e^{-t/\tau_1}$$

$$y_2 e^{-t/\tau_2}$$

Time t

