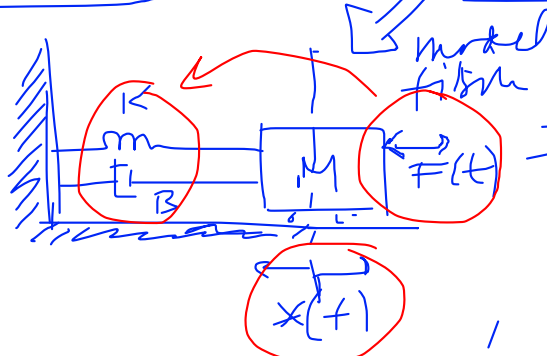
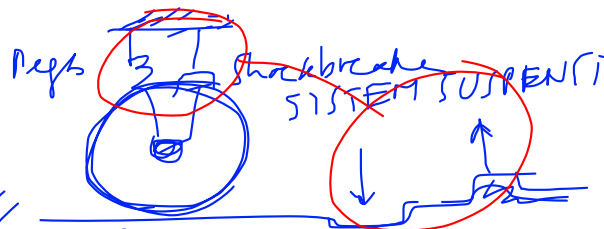


Sistem Linier
28/02/2022

- * Contoh matematis
- * Contoh mekanik



model matematis hukum NEWTON:

$$F(t) = M \frac{d^2 x(t)}{dt^2} + B \frac{dx(t)}{dt} + K x(t)$$

percepatan kecepatan posisi

Spring Mass Damper

Pers. Differensial

Bagan kotak

$$\frac{d^2 x(t)}{dt^2} = \frac{1}{M} \left[F(t) - \left(B \frac{dx(t)}{dt} + K x(t) \right) \right]$$

