

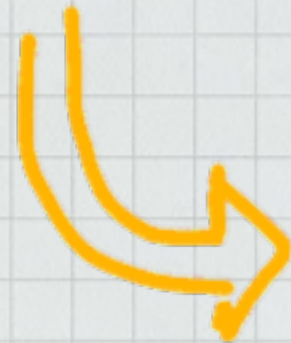
# Model Matematik Dinamik

Hukum NEWTON

Pers. Differensial

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

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



Bagan Blok  
(Block Diagram)