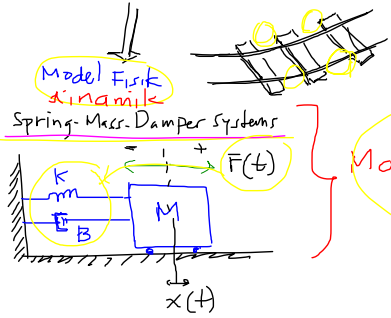
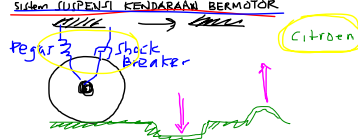




Model Matematika Dinamik

Hukum NEWTON

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

percepatan
kecepatan
posisi

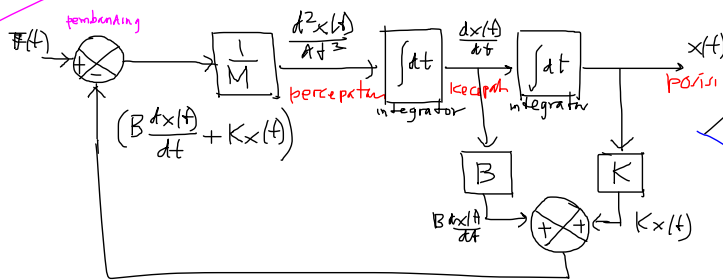
$$\frac{d^2 x(t)}{dt^2} = \frac{1}{M} \left[F(t) - \left(B \frac{dx(t)}{dt} + K x(t) \right) \right]$$

(Persamaan Differensial)

Bagan Kotak (Block Diagram)



Model Fisik



Program Metode Numerik

SIMULASI

