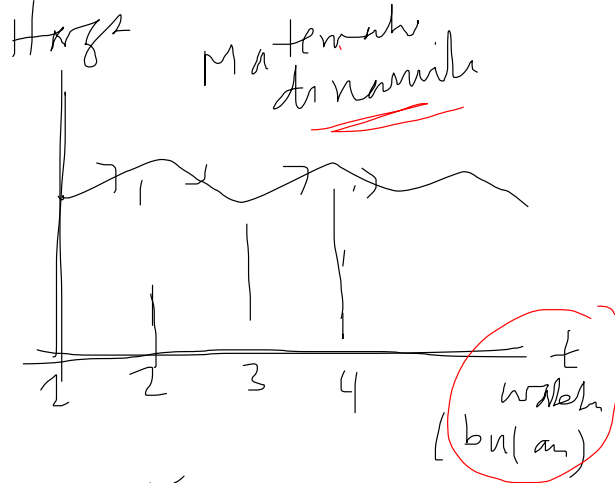
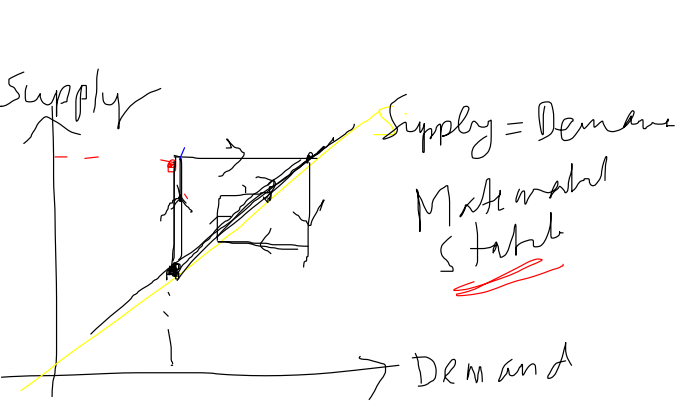
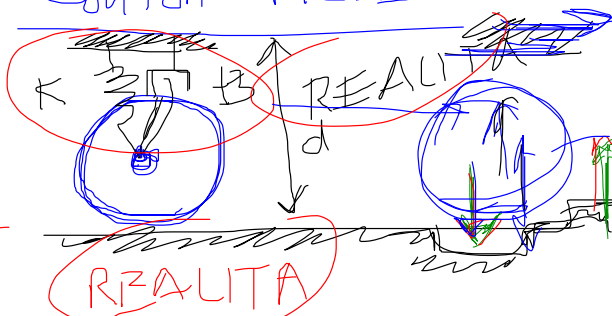
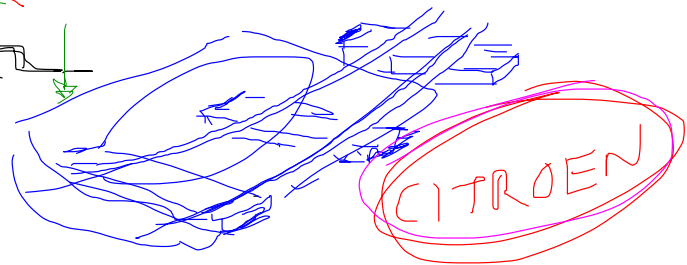




Contoh MODEL-



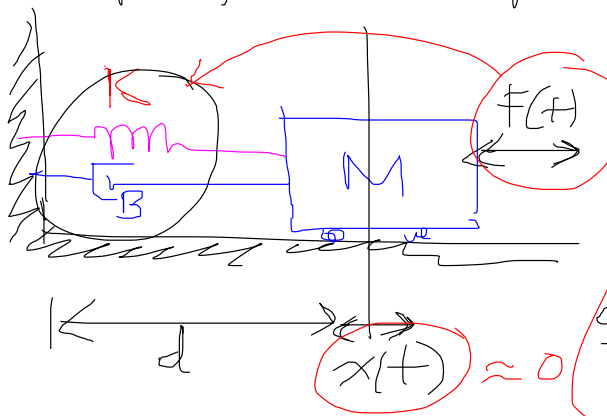
K = pegas
 B = shock breaker



Model FISIKA DINAMIK
 Spring-Mass-Damper System

MODEL MATEMATIKA
 DINAMIK

t = time



* Pers differential
 Hukum Newton:

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

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

≈ 0

≈ 0