

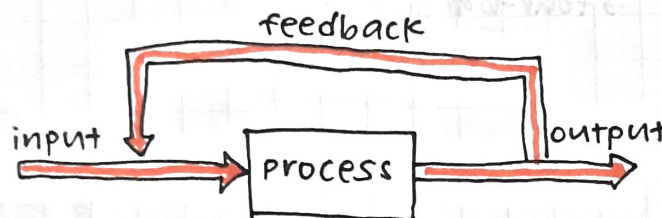
MECHANISMS

MECHANICAL SYSTEMS

→ open-loop control system



→ closed-loop control system



TYPES OF MOVEMENT



linear
(car moving forward)



reciprocating
(sewing machine needle)



rotary
(bicycle pedals)



oscillating
(clock pendulum)

FUNCTIONS OF MECHANISMS

- conversion of motion
- transmission of motion
- control of motion
 - speed of movement
 - direction of movement
 - distance of movement
 - amount of force produced by movement