

$$q(t) = k [x(t) - y(t)]$$

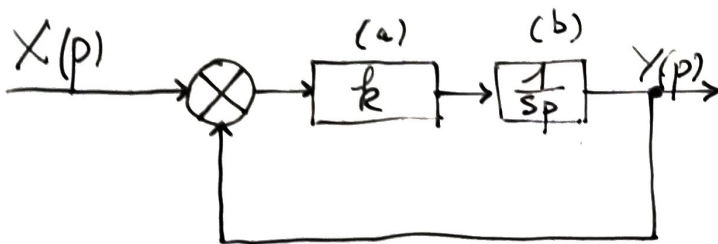
... \mathcal{L}

$$Q(p) = k [X(p) - Y(p)]$$

$$q(t) = S \dot{y}$$

... \mathcal{L}

$$Q(p) = S p Y(p)$$



$$E(p) = X(p) - Y(p)$$

$$(a): \frac{Q(p)}{X(p) - Y(p)} = k$$

$$(b): \frac{Y(p)}{Q(p)} = \frac{1}{S p}$$