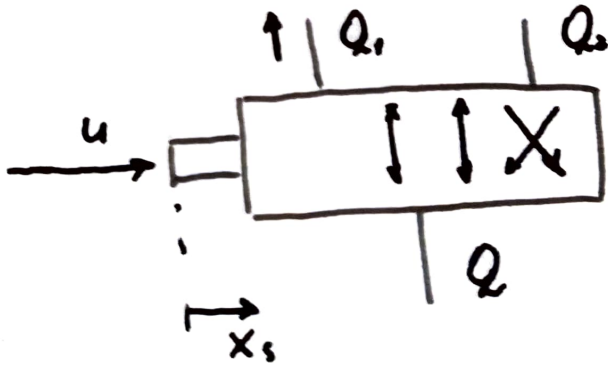


Spool valve :



$$\frac{d^2 x_s(t)}{dt^2} + 2\omega_n B \frac{dx_s(t)}{dt} + \omega_n^2 = \omega_n^2 u(t)$$

$$\omega \approx 300 \sim 500 \text{ m/s}^{-1}$$

$$B \approx 0.7 \sim 1.0 \text{ [-]}$$