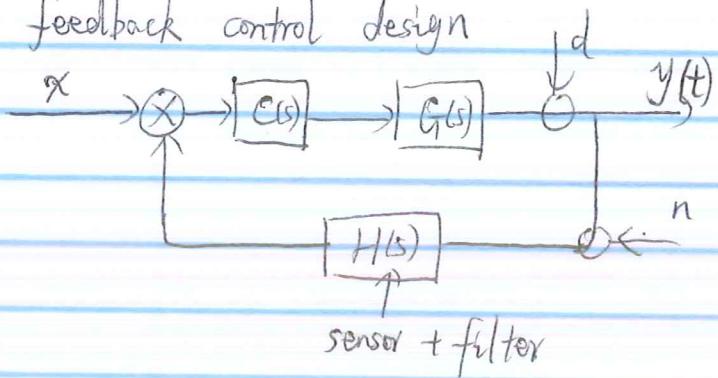


feedback control design

stability

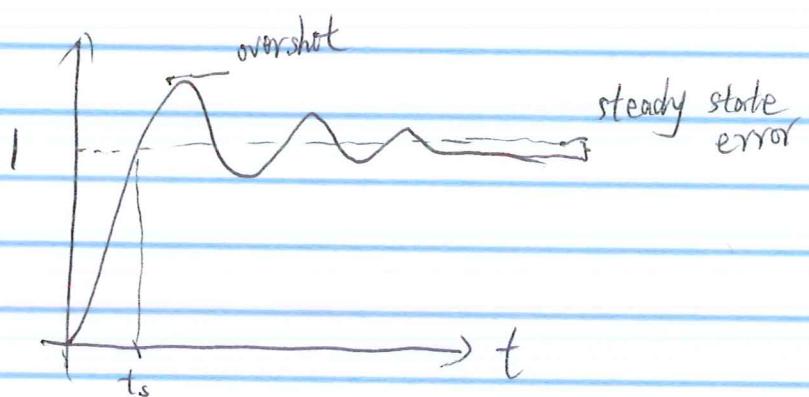
Routh - Hurwitz

Root - locus

Nyquist plot

performance

$$x(t) = u(t)$$



① PID.

② Model predictive control

③ optimal control

④ stochastic control

⑤ robust control

⑥ reinforcement learning, data-driven control

⑦ digital control

Laplace transform

classic control

state-space model

modern control