Full State Feedback Controller
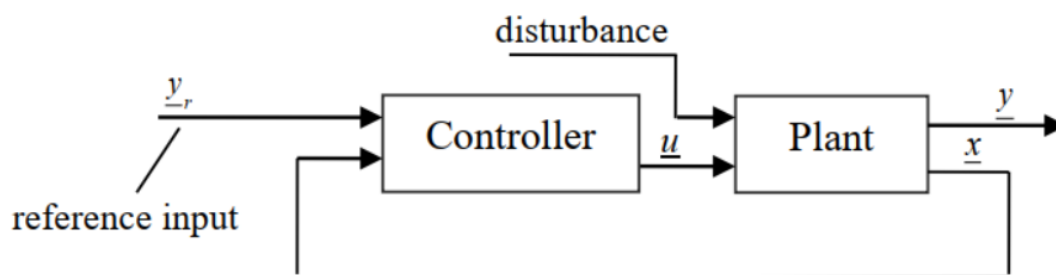
Feedback controllers which influence the properties of plants described by State-Space Models, by influencing the closed loop behaviour

With full-state feedback (FSFB) we assume all states are measured perfectly and available to generate control input $u(t)$ - perfect access

Control system is not the controller, control system is full block diagram, controller is just a portion

Subtopics

- State Regulation
- Choosing FSFB Pole Locations
- Reference Tracking
- Linear Quadratic Regulation