Linear systems

Prof. Kim

Course progress information

- Lecture time

  : Thursday (2 hours), Friday (1 hour) ➜ Thursday (2 or 3 hours straight)

- On-line class

  : Matlab coding lessons for simulation.

  : Posting recorded lecture videos on the uclass platform.

  : Need to install Matlab on your PC.

- Uclass platform (https://ulms.ulsan.ac.kr/)

  : All lecture notes, lecture information, and announcements

Course evaluation

- Evaluation rate

    - Midterm exam: 30%

    - Final exam: 50%

    - Reports and term project: 20%

    - Attendance: 0%

Weekly lecture content

- Mathematical description of linear systems: 3 weeks

- System stability: 3 weeks

- State-feedback control design: 3 weeks

- Observer-based control design: 3 weeks

- Term project: 1 week