

電気情報工学科（後期）
線形フィードバック制御理論
Linear Feedback Control

Instructor:

Prof. Kai Cai Email: kai.cai@eng.osaka-cu.ac.jp

Office hour: after each lecture or by email appointment

Lecture schedule:

Day and Time	Location
Mondays 14:45-16:15	Engineering Building B-113

Course website:

<https://control.eng.osaka-cu.ac.jp/teaching/linear2018>

Textbook / Reference:

Lecture notes in class will cover all contents. Two excellent references are:

B.A. Francis, "Systems Control", lecture notes, Department of Electrical and Computer Engineering, University of Toronto, 2008. (PDF posted on course website)

J.P. Hespanha, "Linear Systems Theory", Princeton University Press, 2009. (Copies to be lent by request)

Software:

Matlab (available for download on course website)

Prerequisites:

Linear Algebra, Introduction to Control Engineering

Homework:

Homework will be assigned once in two weeks. Homework is to help you exercise what you learn in class. Submission is not mandatory, though encouraged. Submitted homework will be marked.

Grading:

Midterm test (2018.12.17, tentative)	50%
Final test (2018.02.12, tentative)	50%