Signals and Systems

Course website on Moodle: http://moodle.ncku.edu.tw/

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Textbook:

Reference Books:

[NOTE] All these three books have been reserved for this course (教授指定參考書) in the NCKU Library.

Course Outline (黃色部份表示類比通訊未 cover 或未 cover 完整的主題。)
1. Introduction
2. Linear Time-Invariant Systems
3. Fourier Series Representation of Periodic Signals (CTFS+DTFS)
   [Midterm exam I]
4. Continuous-Time Fourier Transform (CTFT)
5. Discrete-Time Fourier Transform (DTFT)
   [Midterm exam II]
6. Time and Frequency Characterization of Signals and Systems
7. Sampling
8. Z Transform
   [Final exam]

Grading
[Two Midterms] + [one Final] + [homework problems & Matlab exercises].