
Digital Signal Processing (KECE370-02)

Fall 2021

Professor Sanghoon Sull
School of Electrical Engineering, Korea University

Course Objective: To introduce the fundamentals of digital signal processing and its related applications.

Office hour:

Instructor:

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Textbook: Sanjit K. Mitra, Digital Signal Processing, 4/e, McGraw-Hill, 2011

Grading: midterm (40%), final (40%), Homework (10%), attendance (10%)

Class BBS:

<http://dml.korea.ac.kr/>

Topics covered

- Signals and Signal Processing
- Discrete-Time Signals in the Time Domain
- Discrete-Time Signals in the Frequency Domain
- Discrete-Time Systems
- Finite-Length Discrete Transforms
- z-transform
- Application

Homework:

Selected problems