MAP555 : Signal Processing

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### Introduction

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- 1.2 Definitions and signal properties
- 1.3 Bibliographical notes

# Fourier analysis and analog filtering

- 2.1 Fourier transform
- 2.2 Frequency response and filtering
- 2.3 Applications of analog signal processing

## Digital signal processing

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- 3.2 Digital filtering
- 3.3 Finite signals
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## Random signals

- 4.1 Random Signals and Correlations
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- 4.3 AR modeling and linear prediction

## Signal representations

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