

Digital Signal Processing



Component

École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications



Semester

Printemps

In brief

- > **Ametys Code:** N6EE02B
- > **Open to exchange students:** Yes

Presentation

Objectives

Laying the basics for digital signal processing: introducing the discrete Fourier transform and its main properties, conducting spectral analysis and presenting the direct methods of synthesis of digital filters.

Description

Chapter 1: The Discrete Fourier Transform

Chapter 2: Estimating the Intercorrelation Function

Chapter 3: Estimating the Power Spectral Density

Chapter 4: Digital Filtering