

Signal analysis II

Course information

ECTS: 2.5	Common with the master in Acoustics	Course code:
Lecture: 12h	Tutorial classes: none	Practical work: 8h

Course coordinator : Laurent Simon

Course Description

Aim

Introduction to modern signal processing for acoustics and mechanics. How to use key signal processing methods for actual data.

Prerequisite

Course : [Signal analysis I](#)

Contents

- * Acoustic imaging with holography and beamforming.
- * Identification of measured FRF.
- * Pisarenko, Prony methods, decomposition in subspaces.

Literature

Examination duration

2 hours

Examination type

Written examination + grades on practicals reports