

Practical Work in Control



ECTS
3 crédits



Hourly volume
34h

Introducing

Description

Objectives

At the end of this module, the student will have understood and be able to explain (main concepts):

This teaching illustrates all the 4th year automation courses (control of nonlinear systems, optimal control, numerical control, multi-variable control, graphs).

The student should be able to:

- Model/identify a system
- Synthesize a control according to a specification (performance) and implement it
- Know how to be critical on a command
- Know how to write a report

Necessary prerequisites

Analysis of non-linear systems - Multivariable systems -
Peripherals - Numerical control - Acquisition chains and
numerical control - optimal control - graph

Évaluation

L'évaluation des acquis d'apprentissage est réalisée en continu tout le long du semestre. En fonction des enseignements, elle peut prendre différentes formes : examen écrit, oral, compte-rendu, rapport écrit, évaluation par les pairs...

Practical info

Location(s)

 Toulouse