Identification

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

Presentation

Objectives

The aim of this course is to understand the general methodology of identification and to discover the Fort Signal method (for rapid characterization), the Least Squares method (for linear systems), and the iterative method (for nonlinear systems).

Description

Parametric identification is a set of tools that enable the characterization of a system based on experimental knowledge of its inputs and outputs. The goal is to obtain a mathematical model describing the overall behavior of the system.

Pre-requisites

Signal and control

Non-contractual information.
Last update on 28 October 2025