

Partial Differential Equation



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

In brief

- **Ametys Code:** N7AE01A
- **Open to exchange students:** No

Presentation

Objectives

At the end of this course, students will have some knowledge of numerical analysis and discretization of partial differential equations.

Description

During this course, students will study methods for discretizing partial differential equations (finite difference method and finite element method). Examples from electromagnetism will be discussed in the design office.

Pre-requisites

Les rappels de mathématiques.