

Numerical analysis



Component

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

In brief

- **Ametys Code:** M34HL09P
- **Open to exchange students:** Yes

Presentation

Objectives

Discover the principle and properties of two concepts that form the basis of many numerical analysis tools: numerical quadrature and interpolation.

Description

The definition and basic properties are given for numerical quadrature and interpolation. A tutorial session is offered to practise some of these concepts. A practical session allows students to implement some of the methods presented using examples. Assessment is based on the practical session report.