

## UE Numerical analysis of circuits equations

ECTS

3 credits

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Component **UFR PhITEM** (physique, ingénierie, terre, environnement, mécanique)

Semester Automne

- > Teaching language(s): English
- Open to exchange students: Yes
- > Code d'export Apogée: PAX7ECAH

# Presentation

#### Description

Numerical simulation methods of electrical circuits: generic techniques for setting equation of electrical circuits, numerical method for solving linear and nonlinear systems, iterative methods, solving differential equations.

#### Course parts

UE Numerical analysis of circuit equations - CM/TD

Lectures (CM) & Teaching Unit (UE)

24h

#### Recommended prerequisites

For this course, the students will benefit of a successful completion of mathematical foundations of electric circuits.

# Useful info







### Campus

> Grenoble - Scientific Polygon