

UE Numerical analysis of circuits equations

 ECTS
3 credits

 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