

Electromagnetism



Component

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



Semester
Automne

In brief

> **Code:** N5EE05A

Presentation

Objectives

- At the end of this course, the students will have assimilated the equations of standard electrodynamics and will be able to describe their physical meaning.
- They will be able to propose a method and to formulate hypotheses useful for solving common static or propagative electromagnetic problems.
- At the end of the practical courses, students will be able to formulate the conditions required to solve an electromagnetism problem by numerical methods (ie finite elements method).

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