

Complex Variable



Component

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



Semester

Automne

In brief

- > **Amety's Code:** N5EE01B
- > **Open to exchange students:** Yes

Presentation

Description

Definition, properties, direct and inverse calculation of the Laplace transform.

Definition, properties, direct and inverse calculation of the Z transform.

Standard algebra of complex numbers: properties, geometry related to vector representation. Differentiable functions of two real variables.

Curvilinear integrals

Pre-requisites

Standard algebra of complex numbers: properties, geometry related to vector representation. Differential functions of two-real variables.

Curvilinear integrals.