

Analyse Physique des procédés industriels



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

> **Ametys Code:** N8EM07B

Presentation

Objectives

The objective of this course is to take an interest in the physical phenomena involved in processes of energy or matter transformation. It details the industrial applications concerned, the physical phenomena that occur there and the possible coupling with chemical reactions.

Description

Industrial Issues and Scientific Competence

Gas-liquid transfer in monoliths Description and sizing of columns (distillation - extraction)

Stagnant film theory and reactive transfer

Design office: micro-macro analysis