Physical Analysis of Industrial Processes

Component
École Nationale Supérieure d'Électrotechnique d'Électronique

In brief

Code ELP: 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

Non-contractual information.
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