Similation des écoulements industriels (CODC)

Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

> **Code:** N9EM17C

Presentation

Objectives

Deepen knowledge of a computational code by putting yourself in complex situations both in terms of mesh and turbulence model. The modeling of three-dimensional situations is highlighted.

Analyzing a flow situation
Determine conditions at limits by interpreting numerical results
offer adapted transport models
compare its results to theoretical predictions

Pre-requisites

CFD Tools basic and advanced

fluid mechanics knowledge

Thermal transport

Porous media