Simulation of industrial flows

Component
École Nationale Supérieure d'Électrotechnique d'Électronique

In brief

Code ELP: 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

Non-contractual information.
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