Numerical Laminar Simulations - FLUENT Software

Component
École Nationale Supérieure d'Électrotechnique d'Électronique

In brief

- **plugin.odf-inp:PLUGINS_ODF_COURSE_NBHOURS_TXT:** 17.5
- **Code ELP:** N6EM04B

Presentation

Objectives

Present the structure of a generalist fluid mechanics code.
Give a method in order to decompose a physical problem.
Interpret and criticize the results of the code.

Description

Presentation of the structure of the generalist codes of fluid mechanics. - Learn to ask and then break down a physical problem. - Introduce this decomposition in an industrial calculation code (Fluent at present). - Interpret and critique the results of the code on various classic examples of the first-year fluid mechanics course.

Pre-requisites

Basic Fluid mechanics course

Basis in scientific computing

Non-contractual information.
Last update on 18 December 2024