

Turbulence Models f/Stationary Numerical Simulations



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

- **Code:** N9EM17A
- **Open to exchange students:** No

Presentation

Objectives

Study the different first-order turbulence models used in industrial codes, specifying their advantages and disadvantages.

Description

After recalling the principle of first-order turbulence models, we'll look in detail at the different models used in industrial codes, showing their respective qualities and shortcomings. We'll also describe the different types of laws or models used to treat near-wall turbulence, and their practical implementation.