

MGRA : Milieux granulaires



Component

École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications

In brief

> **Code:** NEHF7F

Presentation

Objectives

- know the industrial and environmental issues regarding granular media and granular flows
- know the physical processes in these flows
- compute granular flows

Description

- I. Introduction - industrial and environmental issues
- II. Microscopic description of a granular medium
- III. Statics of a granular medium
- IV. Granular flows
- V. Numerical models for granular flows