

A review of differential calculus for ODEs and PDEs

ECTS : 0

Volume horaire : 15

Description du contenu de l'enseignement :

We will revise the main notions and theorems from differential calculus (implicit function theorem, inverse function theorem, Brouwer theorem...), as well as main facts about ODE and results about linear and nonlinear stability and smooth dependence by perturbations.

Compétence à acquérir :

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