Mathematical tools

ECTS : 4

Volume horaire : 36

Description du contenu de l'enseignement :

The main purpose of this module is to give tools to students for other math modules (statistics, optimization, linear algebra, financial math, microeconomics…). Week 1 : Study of functions Week 2,3 : Line equation Week 4,5,6 : Polynomial, logarithm, exponential function Week 7,8 : Power function Week 9,10,11,12 : Differentiability of function with one or two variables.

Compétence à acquérir :

On completion to this module, students will improve their skills to derivate real functions with one variable or two variables.

Mode de contrôle des connaissances :

Grading Criteria : Midterm exam and Final Exam 50% each

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