Scientific Computing in Data Analysis

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Timetable: 10 hours. The first lecture will be on Tuesday, June 7, 2011, Torre Archimede, Room 2BC/30. Class meets Tuesday to Friday:
June 7, 2011, 15:00-17:00
June 8, 2011, 10:30-12:30, 15:00-17:00
June 9, 2011, 15:00-17:00
June 10, 2011, 10:30-12:30

Course requirements: Basic undergraduate knowledge of: Linear Algebra, Structure of Computers and Computations (Computer Architecture, Algorithms and Data Structures). Some knowledge of MATLAB.

Examination and grading:

Aim: This course is designed to introduce Scientific Computing, with emphasis on matrix methods at a graduate level, for students with interests in Data Analysis.

Course contents:
The course is divided into three parts with a choice of topics as described below:


References