Escuela Técnica Superior de Ingeniería y Sistemas de Telecomunicación

Universidad Politécnica de Madrid

SEMINARIOS AVANZADOS DE INVESTIGACIÓN

An introduction to Maple software. Applications to engineering.

Lecturers:

Prof. Dr. Juana Sendra (UPM) and Prof. Dr. Alberto Lastra (U. Alcalá)

Contents

The course aims to provide introductory concepts on the use of Maple software, widely used in engineering research. This powerful environment allows the user to achieve symbolic computations in order to obtain mathematical results to apply to a concrete problem.

We will also describe some applications of this tool to engineering problems such as the solution to ordinary differential equations, partial differential equations, etc.

Language

English

Workload

Master students attending the event will get 1 ECTS. They should perform an additional home work.

Bachelor students will get 0.5 ECTS.

Timetable

Friday 16th December: 15:30h - 19:30h

Room

Sala de Grados (A3004) – Mathematics Lab

Registration

This seminar is mainly aimed at Master students and at the last two years of undergraduate.

Inscriptions should be done at the Master program secretary (room A6104), Julia Barahona (actividades@etsist.upm.es) or at the event room.

YEAR 2016-2017