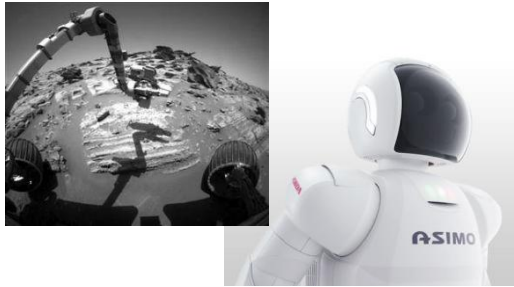


Asignatura/course

INTRODUCTION TO ROBOTICS

Cuatrimestre/semester 1

Profesor/Teacher: JUAN GÓMEZ ORTEGA & JAVIER GÁMEZ GARCÍA



Temas principales/main topics

- Techniques in robotics, mainly in industrial manipulators and mobile robots

Asignatura/course

GEOGRAPHICAL INFORMATION SYSTEM

Cuatrimestre/semester 2

Profesor/Teacher: FRANCISCO JAVIER ARIZA LÓPEZ

Temas principales/main topics

- GIS, raster, vector and digital elevation models



Escuela Politécnica Superior de Jaén

Universidad de Jaén

Campus Las Lagunillas s/n, Edificio A-3,
23071 Jaén (Spain)

Tel. +34 953212424

Oferta de asignaturas en inglés



ESCUELA POLITÉCNICA SUPERIOR DE JAÉN

Curso 2009-2010

MÁS INFORMACIÓN DISPONIBLE EN:

<http://eps.ujaen.es/>

La Escuela Politécnica Superior de Jaén (EPSJ) oferta un año más diversas asignaturas en lengua inglesa dirigidas tanto a sus propios estudiantes como a estudiantes Erasmus que realizan una estancia en nuestra universidad. Esta oferta también está especialmente recomendada para aquellos estudiantes de la EPSJ con idea de realizar una movilidad internacional a lo largo de un próximo curso. La experiencia previa del estudio y aprendizaje EN un idioma extranjero es sin duda bagaje importante que contribuirá a un mejor éxito y aprovechamiento de su estancia en centros académicos de más allá de nuestras fronteras.

The Higher Polytechnic School of Jaén (EPSJ) offers one year more different courses in English language addressed to both to our own students and Erasmus students during their stay among us. This offer is highly recommended for EPSJ students intending to carry out an academic stay abroad within next academic year. The previous experience of studying and learning using a foreign language will be key to contribute to a better success at the time of their academic mobility beyond our borders.



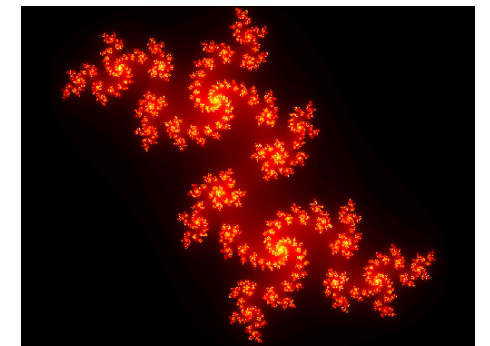
Asignatura/Course

THE BEAUTY OF MATHEMATICS

Cuatrimestre/Semester 1

Profesor/Teacher

ILDEFONSO CASTRO LOPEZ



Temas principales/Main Topics

- Fun and games
- Number contemplation
- Geometric gems
- Contortion of space
- Chaos and fractals

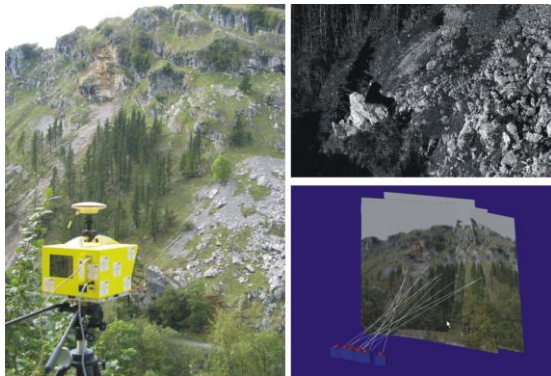
Asignatura/Course

CLOSE RANGE PHOTOGRAMMETRY

Cuatrimestre/Semester 2

Profesor/Teacher

JAVIER CARDENAL ESCARCENA



Temas principales/Main Topics

- Introduction to low cost and easy methods and instruments of non cartographic photogrammetry
- Applications of 3d measurement from images: industrial, engineering, earth sciences, archaeological and architectural surveys
- Terrestrial 3D laser scanner

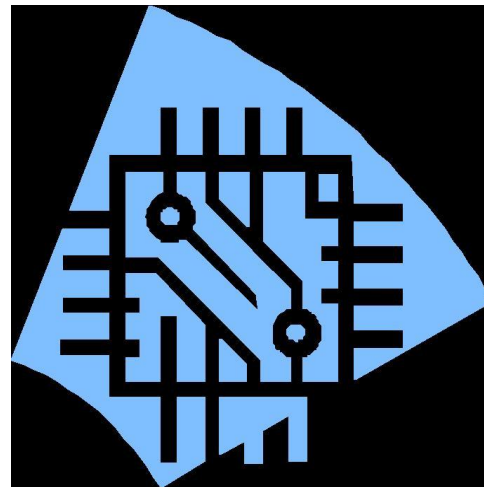
Asignatura/course

USEFUL AND EASY ELEMENTS OF NUMERICAL MATHEMATICS

Cuatrimestre/Semester 2

Profesor/Teacher

DANIEL CÁRDENAS MORALES



Temas principales/main topics

- Introduction
- Iteration, an essential tool
- Evaluating, differentiating and integrating functions
- The great equations that a scientist or engineer should know

Asignatura/course

ENERGY, POVERTY AND DEVELOPMENT

Cuatrimestre/Semester 2

Profesor/Teacher

JORGE AGUILERA TEJERO



Temas principales/main topics

- Photovoltaic Solar Energy
- Development and Poverty
- Rural Electrification Programme

Asignatura/course

HISTORY OF THE UNIVERSE

Cuatrimestre/Semester 1

Profesor/Teacher

DOLORES PÉREZ RAMÍREZ



Temas principales/main topics

- Introduction to observational astronomy
- Ground and space-based telescopes
- Practical astronomy with the computer