

# Métodos Matemáticos en Control Automático. II Semestre 2010

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## Objetivos

Estudio riguroso de las disciplinas matemáticas más relevantes y empleadas en las modernas teorías de control automático.

## Evaluación

Tareas, un tema de lectura/investigación a presentar, y un certamen final. La nota de la presentación y del certamen final equivalen (cada una) a una tarea más. Sin embargo, para aprobar el ramo, la nota mínima en el certamen es 40.

## Contenidos

1. Álgebra lineal [13, 4]
2. Variable Compleja [2, 12]
3. Topología, espacios métricos, normados y de Banach [6, 5]
4. Espacios con producto interno y de Hilbert [6, 5].
5. Cálculo variacional [15, 14].

## Referencias

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