

42011 Mathematical Optimization (3)

Knowledge

The students should learn both analytic and numerical techniques for location of extreme points of functions and calculus of variations.

Comprehension

Should understand and solve both constrained and unconstrained problems

Application

The main and most important application is to solve many different problems related to the subject.

Analysis

N/A

Synthesis

N/A

Evaluation

Should complete homeworks, pass midterm tests and a final exam.

Class Activities

To solve problems in class and discuss theorems.

Out of class Activities

To submit homework assignments.