16:198:521 - Linear Programming

Course Number: 16:198:521

Course Type: Graduate

Semester 1: Fall

Credits: 3

Description:

This course introduces modeling concepts, theory, algorithms, computational strategies, and applications of linear programming (LP). The course is intended for computer science students, and students from other disciplines, such as mathematics, statistics, operations research, engineering, business administration, and economics. The material covered in this course provides the background required for reading the literature in this field.

Category: A (M.S.), A (Ph.D.)

Topics:


Expected Work: Five problem sets, selected readings from the literature, a midterm and a final exam, or as specified in the Class URL (upper left) for this semester.