




Course

-  CS-E3190
-  Course materials
-  Your points



This course has already ended.  
The latest instance of the course can be found at: [Principles of Algorithmic Techniques: 2023 Autumn](#)

« Lecture and Exercise Set 5 - Greedy Algorithms

Course materials

9.2 Graded exercise »

CS-E3190 / Lecture and Exercise Set 5 - Greedy Algorithms / 9.1 Materials

# Materials

- **Lecture slides:**
  - [Approximation.pdf](#)
  - [SetCover.pdf](#)
- **Lecture videos:**
  - [Approximation Algorithms](#)
  - [Greedy Set Cover](#)
- **Lecture script:**
  - Chapter 5 - [script 1-5.pdf](#)
- **Tutorial Exercise:**
  - [Tutorial05.pdf](#)
- **Graded Exercise:**
  - [Graded05.pdf](#)
  - LaTeX template: [05-tex-template.zip](#)
- **Jeff Erickson book:**
  - Section 4, Greedy algorithms
- **Vijay Vazirani, Approximation Algorithms:**
  - Section 2, Set Cover
- **Wikipedia:**
  - [Approximation](#)
  - [Knapsack](#)
  - [Set Cover](#)
  - [Graph Coloring](#)
  - [Interval Graph](#)
  - [Graph Matching](#)

« Lecture and Exercise Set 5 - Greedy Algorithms

Course materials

9.2 Graded exercise »