

DM19 – Algorithms and Complexity – E05 – Lecture 8

Lecture, October 26

We finished with Huffman codes. Then, we began on NP-completeness from chapter 34 in the textbook and the section by Papadimitriou and Steiglitz from the first set of notes. This included a brief introduction to undecidability.

Lecture, November 2

We will continue with NP-completeness and begin on approximation algorithms from chapter 35 in the textbook, covering Cook's Theorem and beginning on some reductions.

Lectures, November 10 and 11

Since there is no lecture on Wednesday in this week, the second half of the discussion section times will be used for lecture, with the same material covered both days. We will finish NP-completeness.

Problems to be discussed in week 45

1. 34.3-2, 34.3-6, 34.3-7.
2. 34.4-4, 34.4-5, 34.4-6, 34.4-7.
3. 34.5-1.

Announcement

Igen i år afholder fakultetet KarriereKick, hvor de studerende kan få inspiration til fremtidens job og karriere. Arrangementet, som er gratis, finder sted torsdag d. 17. november kl. 15 i U45. Man skal tilmelde sig på nettet: www.karrierekick.sdu.dk