

Week 11 Preparation

Instructions to the students: The preparation problems are not assessed, but we strongly recommend that you try to solve them before your applied class this week. These preparation problems test your basic knowledge of the contents taught in the seminar of the previous week. The problems in the applied class assume that you have this basic knowledge and will build on top of it. You might find it helpful to try these problems before doing the quiz that is due this week.

Problems

Problem 1. Draw a prefix trie containing the strings cat, cathode, canopy, dog, danger, domain. Terminate each string with a \$ character to indicate the ends of words.

Problem 2. Draw a suffix tree for the string ABAABA\$.

Problem 3. Draw a suffix tree for the string GATTACA\$.