Christian Schindelhauer

## Freiburg, Jan. 14, 2009 Submission deadline: Jan. 19, 2009

Exercises

## Algorithm theory

Winter term 2008/09 Exercise sheet 11

TASK 1 (1 point):

Given the word T = PANAMACANAL.

- 1. Use the naive technique to create a suffix trie.
- 2. Transform this trie into a suffix tree.
- 3. Add suffix links to the tree.
- 4. Show the internal representation.