

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF COPENHAGEN

Estimated stretch of Approximate Distance Oracles

Bachelor project by
Jonas Brunsgaard
`jonas.brunsgaard@gmail.com`

Supervisor: Mikkel Thorup

May 24, 2015

Contents

Contents	i
1 Introduction to routing schemes	1

1 Introduction to routing schemes

Routing is one of the most fundamental problems in the area of distributed networking. The goal in this problem is to find a distributed algorithm that allows any source node to route messages to any destination node.

Input a network G (a weighted connected graph)

Output a routing scheme for G