CpSc 8400: Design and Analysis of Algorithms

Instructor: Dr. Brian Dean   Spring 2016
Webpage: `http://www.cs.clemson.edu/~bcdean/`   TTh 12:30-1:45
Handout 16: Homework #7, Due Thursday, 4/21/2014   McAdams 119

7-1. Diameter of a Graph. Please do problem 289(c) in the textbook draft.

7-2. Counting Shortest Paths. Please do problem 280 in the textbook draft.

7-3. Augmenting a Directed Graph to Achieve Strong Connectivity. Please do problem 256 in the textbook draft.

7-4. The Constrained Shortest Path Problem. Please do problem 301 in the textbook draft. As a hint, recall how we approximated the knapsack problem using dynamic programming.