

CS 3510: Algorithms

Assignment 9

Assignment

Problems identified by $x.y(z)$ denote the problem “y”, in chapter “x” of the textbook, with part “z”. If “z” is not noted, then the entire problem is required.

Assignment 9a

- 9.3 Branch-and-bound for set cover

Assignment 9b

- 9.7 (a,b) Approximation for multiway cut

Assignment 9c

- 9.5 Local search for minimum spanning tree

Submission

- Submit your solutions by the due date and time. For written problems, your work and answers as a PDF to Canvas. For code, submit the source code to the class git repository. For tables and graphs, submit a PDF to Canvas.