

Homework 4
CMSC 641
Analysis of Algorithms

1 Course References

[CLR] Cormen, Thomas H., Charles E. Leiserson, and Ronald L. Rivest,
“Introduction to Algorithms,”
MIT Press, latest edition.

[BB] Brassard, Gilles, and Paul Bratley,
Algorithmics: Theory & Practice
Prentice Hall.

[HL] Hillier, Frederick S., and Gerald J. Lieberman,
Introduction to Operations Research
Holden-Day, Inc.

2 Reading Assignment

Read pages 239 -264 of [HL]
Read Chapter 17,18, and 24 of [CLR]

3 Homework 4

The following homework is taken from [CLR]

- Exercise 16.4-4, p 324
- Exercise 17.1-1, p 333
- Exercise 17.1-2, p 333
- Exercise 17.2-4, p 337
- Exercise 17.3-2, p 344
- Exercise 24.1-1, p 503
- Exercise 24.1-2, p 503
- Exercise 24.2-2, p 510
- Exercise 18.1-3, p 360