

Homework 5
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 Chapter 18,19, and 20 of [CLR]

3 Homework 5

The following homework is taken from [CLR]

- Exercise 18.2-1, p 363
- Exercise 18.2-2, p 363
- Exercise 18.3-1, p 366
- Exercise 18.3-2, p 366
- Exercise 19.1-3, p 387
- Exercise 19.2-1, p 394 (Assume $t = 3$)
- Exercise 19.2-3, p 394
- Exercise 19.3-1, p 397