

# Homework 6

## CMSC 641

### Analysis of Algorithms

#### Spring Semester 2003

## 1. Course Text

Cormen, Thomas H., Charles E. Leiserson, and Ronald L. Rivest, "Introduction to Algorithms," MIT Press, 2<sup>nd</sup> edition.

## 2. Reading Assignment

Read Chapters 20-22 of the text.

## 3. Homework Assignment

- Page 488, Exercise 20.2-1
- Page 496, Exercise 20.4-1
- Page 501, Exercise 21.1-1
- Page 504, Exercise 21.2-2
- Page 509, Exercise 21.3-1

## 4. Scoring Method

Each of the above exercises is worth 20%. The highest possible score on this homework is 100%. All homework scores are to be rounded to the nearest integer percentage.